

LONG ISLAND REGIONAL ECONOMIC DEVELOPMENT COUNCIL



October 2, 2017

Dear Commissioner Zemsky:

The Long Island Regional Economic Development Council is proud to present *A Region in Motion*, the evolving vision of our strategic plan for economic growth. Our continued emphasis on innovation and inclusion, as well as collaboration and consensus, reflects the dedication of dozens of council and work group volunteers. These members devoted the past year to reviewing our accomplishments over the first six years and recommended new projects that were developed with our stakeholders throughout Long Island to advance our strategies. Beyond our steadfast commitment to our Opportunity Agenda in Wyandanch, which is rising anew before our very eyes, our goal remains the creation of an opportunity economy for all Long Island, regardless of race, ethnicity, community, educational level or industry sector.

Included in this document are the Progress Report, Round Seven project recommendations, a deep dive into the economics of the region, especially a comprehensive look at the "skills gap," and a rollout of our second Downtown Revitalization Initiative awardee, the diversifying transit hub of Hicksville. In addition to promoting our biotech industry cluster and emphasizing sustainable practices, especially in our legacy agricultural sector, we believe our priorities continue to meet Governor Andrew Cuomo's catalytic challenge to create transformative change.

We are especially proud of how, even in our seventh year, our work groups continued to collaborate and strategize throughout the year to keep our pipeline of projects flowing. Their meetings remain exciting, alive with new ideas and relationships, including stakeholders and aspiring entrepreneurs. A key to our progress has been the cross-pollination between work groups that has broken down walls between people, institutions, companies, communities, and sectors.

The Council would like to applaud your leadership and that of Lt. Gov. Kathleen Hochul and Governor Cuomo. The Long Island region was desperately in need of the encouragement to collaborate that came with creation of the regional councils and the competition for funding. In the spirit of the proposed third Long Island Rail Road track, we are a region in motion, headed in the right direction of economic growth and job creation.

Sincerely,

Kevin S. Law
President & CEO
Long Island Association

Stuart Rabinowitz
President
Hofstra University

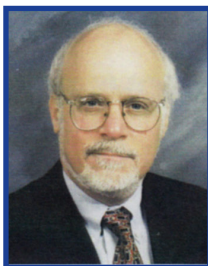
LONG ISLAND REGIONAL ECONOMIC DEVELOPMENT COUNCIL

CHAIRWOMAN

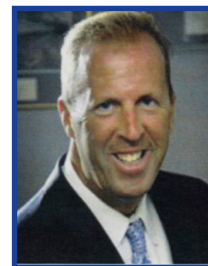


Kathleen C. Hochul
*Lieutenant Governor
New York State*

CO-VICE CHAIRMEN



Stuart Rabinowitz
*President
Hofstra University*



Kevin S. Law
*President
Long Island Association*

Long Island Representatives

Linda Armyn,
*SVP Corporate Affairs, Bethpage Federal
Credit Union*

Noreen Carro
Owner, LMN Printing Co., Inc.

Resi Cooper
President, Cooper Consulting

John DeCelle
*President & CEO, Nassau Financial Federal
Credit Union*

John R. Durso
President, Long Island Federation of Labor

Lutricia (Pat) Edwards
*Vice President for Community Development
Long Island, Citigroup*

Tracey A. Edwards
Councilwoman, Town of Huntington

Doon Gibbs, Ph.D.
Director, Brookhaven National Laboratory

Elaine Gross
President & CEO, ERASE Racism

Harvey Kamil
Vice Chairman, Natures Bounty Co.

Dave Kapell
President, Kapell Real Estate, Inc

Seymour Liebman
*Executive VP, CEO Officer and General Counsel,
Canon U.S.A. Inc.*

Jim Morgo
President, Morgo Public Private Strategies, Inc.

Belinda Pagdanganan
Government Relations Manager, National Grid

Desmond M. Ryan
Consultant, Long Island Contractor's Association, LLC

Paulette Satur
President, Satur Farms, LLC

Anne D. Shybunko-Moore
President/Owner, GSE Dynamics, Inc.

Samuel L. Stanley Jr., M.D.
President, Stony Brook University

Hon. Phil Boyle*
NYS Senator, District 4

Steve Bellone*
County Executive, Suffolk County

Ed Mangano*
County Executive, Nassau County

Angela Carpenter*
Supervisor, Town of Islip

Ed Romaine*
Supervisor, Town of Brookhaven

Joseph Saladino*
Supervisor, Town of Oyster Bay

Anthony Santino*
Supervisor, Town of Hempstead

* Ex-officio

TABLE OF CONTENTS

VISION STATEMENT.....	i
KEY STRATEGIES.....	ii
HOW WE'RE DOING	
PART ONE: EXECUTIVE SUMMARY/THE BIG PICTURE OF PROGRESS.....	1
WHAT THE NUMBERS TELL US AND WHAT WE'VE DONE	
PART TWO: PROOF OF PROGRESS.....	5
STATUS OF PAST PRIORITY PROJECTS	12
STATUS OF ALL PAST PROJECTS AWARDED CFA FUNDING.....	20
WHAT WE'RE DOING	
PART THREE: IMPLEMENTATION	
WORKFORCE AND EDUCATION.....	23
INNOVATION AND INDUSTRY CLUSTERS.....	31
INFRASTRUCTURE.....	41
GLOBAL NY.....	47
NATURAL ASSETS AND TOURISM.....	52
FOOD CLUSTER.....	61
OPPORTUNITY AGENDA.....	64
IMPLEMENTATION AGENDA.....	67
PROPOSED PRIORITY PROJECTS DESCRIPTIONS	70
SELECTED PRIORITY PROJECTS MAP	
ROUND SEVEN PRIORITY AND REGIONALLY SIGNIFICANT PROJECTS PULLOUT	
ESD PRIORITY PROJECTS RELATING TO STATE PRIORITIES.....	81
NON-ESD PRIORITY PROJECTS RELATING TO STATE PRIORITIES.....	82
PART FOUR: PARTICIPATION.....	89
WORK GROUP MEMBERS.....	91
PART FIVE: DOWNTOWN REVITALIZATION PLAN.....	95
APPENDIX:	
APPENDIX ONE: ALL FUNDED CFA PROJECTS 2011-2016	98
APPENDIX TWO: WORKFORCE DEVELOPMENT INSTITUTE SURVEY.....	134
APPENDIX THREE: PUBLIC MEETINGS.....	147

VISION STATEMENT



For Long Island's economy, innovation has been our past and will be our future. This is a region whose agriculture and fishery harvests have fed the nation, whose natural assets have inspired poets and tourists alike, whose businesses produced the aircraft that helped win a world war and first put men on the moon and whose institutions cracked the genetic code. Long Island will reassert itself as a global center for innovation and the model for a knowledge-based suburban economy that creates new high-paying jobs and improves the quality of life for every one of our residents.

The Long Island Regional Council's vision for long-term economic growth is characterized by increased collaboration among academia, the private and public sectors and labor to protect and grow our advanced manufacturing base while encouraging innovation in the life sciences, information technology, clean energy, defense and homeland security industry clusters.

To accomplish this, we will build on the successes of our existing businesses, commercialize the valuable research conducted at our world-class research institutions, and strengthen our highly skilled and educated workforce. At the same time, we will be vigilant in promoting and protecting our unrivaled natural resources and in providing equal opportunity in housing, employment and education. Furthermore, we will continue to invest in our students, transportation, housing and sewer infrastructure, as well as our tourism and harvest-based agriculture and fishery industries. Our goal is to support a sustainable, innovative and inter-connected job-generating economy that also redevelops areas suffering from disinvestment and mobilizes the entire region for years to come.



KEY STRATEGIES FOR ECONOMIC GROWTH



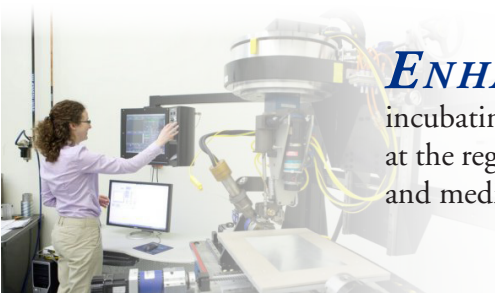
IDENTIFY and support industry clusters, especially biotechnology, that possess the potential to bring together researchers, educators, investors, manufacturers and others in a collaborative effort to accelerate the commercialization of technical and scientific discovery and generate jobs at every rung of the employment ladder.



CREATE a cohesive education and workforce training strategy through partnerships among a range of stakeholders - business, trade groups, labor, government agencies, educational institutions, parents and students - with the goal of ensuring that workers from all of Long Island's communities are prepared to take advantage of new job opportunities in key economic growth sectors.



DEVELOP innovation and industry clusters in transformative locations across the region - including downtowns, brownfields and university, research and medical centers - by integrating the smart growth principles of transit-oriented development and vibrant community life.



ENHANCE and develop multi-faceted, interdisciplinary facilities aimed at incubating and accelerating the commercialization of innovative products generated at the region's premier research institutions, by linking scientists, engineers, and health and medical professionals to entrepreneurs and small businesses.



REINVIGORATE Long Island's manufacturing sector through continued transformation from traditional defense and aerospace work to advanced technology products, creating skilled, high-value jobs and a network of nimble companies that can develop synergistic partnerships with companies in other regions of the state.



PRODUCE a new generation of sustainable, well-paying jobs in the legacy sectors of agriculture, aquaculture, fisheries and tourism by enhancing the economic value of our parks, historic places, and arts venues and organizations, and expanding export opportunities, infrastructure, recreation facilities, research partnerships and workforce training.



KEY STRATEGIES FOR ECONOMIC GROWTH



REBUILD and expand infrastructure to improve job access, revitalize downtowns and transit HUBs, speed trade, and attract and retain dynamic regional businesses and highly-skilled workers.



PROTECT Long Island from the perils of climate change at the same time we encourage new “cleaner, greener” industries by leading collaborative regional efforts to harden our infrastructure, businesses and homes against the next major storm and to encourage transportation, energy and construction policies that reduce our vulnerability, as well as our carbon footprint.



REVITALIZE Long Island's poorest places by targeting the region's collective resources on new community-driven initiatives that can create jobs, homes and businesses and ensure that all communities are participating fully in the state's economic revitalization.



AUGMENT the export capacity of Long Island companies and attract foreign direct investment in the region by bringing together experienced exporters, relevant government agencies and our world class education and research institutions to identify and pursue potential business opportunities overseas.



UNLEASH the economic potential of unemployed and underemployed military veterans with creative new ways to provide information, job training and other skills that will honor their service and aid the region by helping them succeed as employees and entrepreneurs.



ATTRACT travelers from across the globe by leveraging Long Island's unique heritage and tourism assets to convey our rich contributions to American history, the arts, and culture.



HOW WE'RE DOING...



DR. NADIA A. RANA
PRODUCTION MANAGER
ENZO LIFE SCIENCE

While Nadia Rana was diving deeply into the world of glycobiology at Stony Brook University, she was afforded the freedom to explore other passions and a variety of career opportunities.

Rana decided to take Fundamentals of the Biosciences Industry Program, offered through the Center for Biotechnology. It was her first formal exposure to the different segments of the research industry proper. She quickly learned and put into practice principles of competitive analysis, regulatory compliance, feasibility studies, as well as patentability issues, business plans, and resources.

Following graduation, Rana joined the lab of Dr. Yusuf Hannun, Director of the Cancer Center at Stony Brook. Here, Rana took on a non-traditional postdoc, carrying out independent research projects, but also laying the groundwork to help establish the University's first Lipidomics Core Facility. "Through both independent research projects and collaborative projects, I realized that I greatly enjoyed working in a team environment, complementing the skills of others to drive research forward," said Rana. "I also realized that I wanted to focus more heavily on research efforts that would have a direct impact on improving healthcare, and decided to shift my efforts towards translational research with a commercialization focus exclusively."

It was that focus that led her to her current position as Product Manager of Enzo Life Sciences Inc., Rana is now charged with overseeing the company's Genomics portfolio. "It is rewarding being involved with the full product life cycle and seeing my contribution throughout the process have a direct impact; from inception of a product/idea, to testing feasibility and guiding R&D ideation, to manufacturing scale up, and eventually to educating our sales team and supporting various facets of outreach to customers," continued Rana. "From start to finish, I'm truly engaged in the entire process."

And so is Long Island's new innovation economy.

Part One: EXECUTIVE SUMMARY/ THE BIG PICTURE OF PROGRESS

The economy is the engine that pulls the train," declared Governor Andrew Cuomo, during a ceremony to celebrate our second Downtown Revitalization Initiative winner and the approval of a third track for the Long Island Rail Road, which will generate billions in economic activity. He meant his "engine" and "train" analogies literally.

Before an enthusiastic crowd of regional business leaders and elected officials, Governor Cuomo went on to say that Long Island's future relies on overcoming "NIMBY paralysis" and nurturing job-creating synergies between the world's largest commuter rail system and dozens of suburban village centers. It's essential, he said, if the region wants to attract well-trained young workers who will grow our collaborative bioscience cluster, as well as legacy industries from aerospace to agriculture.

Such consensus and commitment is the key to preserving open space, protecting the environment and beating back blight. It's the key, as affirmed by Governor Cuomo and Long Island Regional Economic Development Council strategies, to "making Long Island work" for everyone.

Long Island is on the right track. We couldn't have said that with a straight face six years ago when the LIREDC started on its journey, along with the nine other regions of the state. We were hemorrhaging jobs and businesses, and we weren't cooperating to turn things around – not our universities and research centers, not our local governments, not the leaders of various industry sectors.

Things have changed for the better. They have changed so much that our challenge has shifted from merely creating as many jobs as possible to finding workers with specialized skills for an increasing number of unfilled positions. But it's a challenge that we're better prepared for than ever.

Whether it's the transformative state commitment to the LIRR third track, which will encourage job-creating commutation from NYC, or the prodigious investments in "placemaking" and workforce training that are reviving whole communities, or the innovation partnerships between businesses and research institutions to turn discovery into tradeable products, we believe the region is moving forward with increasing momentum. The LIREDC's inclusive process of producing and promoting development strategies, and its relentless pursuit of promising projects and programs to achieve them, has enriched the region with hundreds of new or stronger businesses and thousands of new or retained jobs. We are creating an economy that is working for – that is empowering – all Long Islanders.



How We're Doing...

Do we still have a long way to go to realize all our goals? Of course. While Long Island continues to add jobs and attract business at a brisk pace, our rate of growth in these areas is lagging the state average. This may be attributable to our enviable “full-employment” status, but clearly we have room to rise in all sectors. Do we continue to require state resources to leverage private investment and improve our ability to grow key sectors? Most definitely. While we are a statewide leader in projects applied for, funded and completed, as well as in overall economic growth, we know that many more businesses and communities could benefit from LIREDC engagement. And while lower than the rest of the state, Long Island’s poverty rate remains troublingly and unacceptably high – at 6.6 percent the highest in 60 years. But overall, we remain optimistic and determined. From what we see and hear – from the impressive regional metrics to the increasing number of stakeholders engaged with or supportive of the LIREDC’s efforts – Long Island has come far in the past six years to re-establish itself as one of the state’s economic engines. And we are still moving forward.

Consider the region’s last year alone:

-



Long Island’s unemployment rate continues to shrink – down to 4.1 percent and falling – to levels unseen since well before the Great Recession. The overall number of jobs stands at a record high. And it’s fair to say that thousands of these new or retained positions can be traced to workforce development and other key strategies of the LIREDC, not to mention implementation efforts by regional Empire State Development staff. The aggressive outreach and attention to detail – the recruiting and “matchmaking” of potential awardees – has resulted in an extraordinarily high percentage of successfully completed projects worth billions to the local economy.


- Beyond the DRI, Long Island again added to the roster of villages and hamlets that have overcome years of resistance and opted for transit-oriented, smart growth development in their downtowns. Many of these transformative placemaking efforts, which feature affordable apartments, arts venues and other amenities that contribute to their “walkability,” have been energized by LIREDC-recommended investments in public-private partnerships that reflect the “grass-roots” wishes of the community. And that trend will continue with funding in Port Jefferson, Huntington, Riverhead and other emerging village hot spots.
- Long Island’s world-class research institutions and businesses continue to collaborate in nurturing an “innovation ecosystem” that has encouraged cooperative workforce training initiatives in a range of industries, private investment in our burgeoning biotechnology cluster and the job-creating commercialization of academic discovery. Many of the goods and services produced by these partnerships have furthered the LIREDC’s goal of boosting tradeable exports and foreign investment, which are growing faster than the state average. Students in engineering – a field with a shortage of qualified workers – have doubled. Enrollees in non-academic tech training programs have risen sharply as well, showing particular success in reducing unemployment among veterans and others with untapped potential to grow Long Island’s economy across the board.
- Strategic state funding of “unsexy” infrastructure, such as sewers, has begun to pay off in the form of development projects, especially affordable apartments, otherwise not possible without the increased waste disposal capacity. These public works come with the added benefit of protecting the environment and building resiliency in the aftermath of Superstorm Sandy. And that includes “green infrastructure” solutions along with brick and mortar. Thus, the LIREDC continues to partner with our counties, towns, villages and NGOs to complete the post-storm recovery and promote economic development as an essential feature of a resilient Island.



How We're Doing...

- The LIREDC has doubled down on its Opportunity Agenda, continuing to invest not only in apartments, shops and other amenities in Wyandanch, but in the people who waited so long to see their community-driven “visionings” come to life. Training programs, established in cooperation with community colleges and building trades unions, have allowed dozens of Wyandanch residents to start not just jobs but new careers at the construction sites. This inclusivity, which we are reaching for as a feature in all infrastructure projects, reflects our deep strategic commitment to creating an “opportunity economy” for all.



-  State investments in tourism, agriculture, historic places and the arts, all of which flourish hand-in-hand, are paying off with increases in visitors, spending and tax dollars for local and state government. Between 2014 and 2015, the latest data available, the economic impact of tourism on Long Island rose three percent to \$5.5 billion. Industry leaders credit LIREDC-supported initiatives to promote tourism, as well as agriculture and the environment, for a notable share of the increases. And with the focus on foreign visitors, in conjunction with New York City tourism organizations, the industry is creating more jobs and bringing new, export-like stimulus to the regional economy.

- Since Governor Cuomo identified cost-sharing among local governments as a state priority, the LIREDC has taken on assisting villages, towns and the counties to create partnerships aimed at reducing pressure on property taxes. These “shared services” agreements sometimes involve private businesses that have the technology and expertise to reduce costs and deliver services at a savings to beleaguered taxpayers. One example, engineering firm MK McLean Associates is working with the Town of Brookhaven and the Village of Shoreham on an innovative green infrastructure project that would be prohibitive without collaboration and state support.



- Even after seven years, enthusiasm for the regional council system remains high. Our CFAs jumped 29 percent, our 20 DRI applications accounted for nearly 20 percent of the statewide total, and Council and work group membership is as high as ever, with dozens of well-respected citizens volunteering their time and talent to our various tasks. And more: The regional consensus achieved on the third track and other major projects reflects the LIREDC’s catalytic influence on economic issues beyond its specific mandate. Our members have become engaged beyond the council itself, for the good of the greater community.

Additional details and data to support all these claims are spread throughout this report, in various charts and work group reports. We believe they tell the story of an REDC that has enthusiastically embraced its responsibility as stewards of state tax dollars and the regional economy – a responsibility, shared with our stakeholders, that our individual members take very seriously.



Governor Cuomo’s regional economic development model has been especially effective – and welcome – on Long Island. As many elected officials and real estate developers have found, “top down” doesn’t work here. The bi-county region is comprised of hundreds of communities, many with their own independent governing bodies as well as influential civic and business organizations. They don’t like being told what to do and they have enough power to block projects of regional significance, even if it only touches their borders. But when “outsiders” take the time to work with local people, when the approach to development is holistic, inclusive and from the “bottom up,” progress can be made.

How We're Doing...

That's the LIREDC way. And that's one of the biggest reasons we have been so successful in promoting job-creating projects that have languished for years, in places long written off as resistant to change. "The Long Island strategic plan had a focus on downtowns from the beginning," noted Howard Zemsky, President and CEO of Empire State Development, at the announcement of this year's DRI winner. "They have always sought to make Long Island more walkable, diverse and affordable." In other words, we took the DRI approach before there was an official DRI.

Beyond the community level, another reason for our success – and why the REDC model has worked on Long Island – is the focus on regional partnerships among universities, research centers, major businesses and government. The LIREDC has managed to bring together powerful institutions – Stony Brook and Hofstra Universities, the Feinstein Institute for Medical Research and Cold Spring Harbor Labs – that not only never worked together but often worked at cross purposes in unproductive rivalries. That has changed in a big way. Hundreds of jobs a year have sprung from new relationships that have commercialized discovery and trained a new generation of workers – from newly minted PhDs and engineers to unemployed veterans and others struggling up the economic ladder to all levels of the production spectrum.



Still another reason for the LIREDC's success is the quality and commitment of the hundreds of volunteers who populate the Council and its work groups. The members reflect the exciting new diversity in **America's First Suburb**, a mix of people of various racial and professional backgrounds who collectively devote thousands of hours to meeting with the public, finding and vetting projects, and advocating for the region. As noted, but can't be said often enough, the Council and work group members – as well as ESD staff – have marshaled a critical mass of support for major projects. And the broad-based campaign for the Third Track is not the only example.

In short, the LIREDC and the new model it represents has moved the region forward in ways few anticipated when we began this empowering journey seven years ago. We look forward to continuing to follow the comprehensive strategies that have transformed the region and brought us ever closer to our goal – our dream – of an economy that works for every Long Islander. "At the end of the day our obligation is very simple. We are supposed to leave this place better than we found it," said the governor at the Long Island ceremony. "I believe we will leave a better Long Island than we found it."

We are on our way, on the right track, to that better Long Island.

Round Seven Priority Projects

We are especially pleased with the potential impact of our **Round Seven Priority Projects**, including the creation of new, collaborative capacities to identify and treat cancers, the transformation of a long-blighted coastal village into a transit-oriented tourist gateway, the use of shellfish as both a tradeable commodity and environmental protector, the development of pipelines in underserved communities that move high school students into STEM careers, and the promotion of tourism and arts programs during slower seasons. (Project specifics appear in the work group reports.) We believe these and other Round Seven Projects will advance all key strategies and move Long Island down the track of success.

All aboard!

What the Numbers tell us...

Part Two: Proof of Progress

State of the Region

General Economic Indicators

Today, Long Island's economy is strong, with economic output at \$193.6 billion in 2016, up 1.6 percent from 2015, and private-sector employment at 1.1 million, an all-time high. Health care remains the region's key industry, generating 9 percent of total output and accounting for 19 percent of its private sector payroll. Global exports from the region grew by \$161.8 million between 2012 and 2015.

1 / LONG ISLAND GENERAL ECONOMIC INDICATORS

	Current (2016)	1-Year Progress	State 1-Year Progress
Gross Regional Product (2016, in billions)	\$193.6	1.6%	0.2%
Exports (2015, in billions)	\$ 15.5	-1.1%	-1.2%

Long Island continues to add jobs and attract businesses at a brisk pace. While growth in jobs and establishments lagged the state, the region added nearly 83,000 private-sector positions between 2011 and 2016, to a record 1.1 million jobs at 104,600 establishments. The fastest job growth was in construction, with a 28 percent increase over the last five years, as a result of new residential and mixed-use development projects as well as critical infrastructure updates. Health care and social assistance accounted for two of every ten private-sector jobs added over that time period. Manufacturing on Long Island continues to shrink, losing 1,900 jobs over the last five years. However, factories across the region are hiring but report they are having difficulty finding qualified applicants.

2 / LONG ISLAND GENERAL ECONOMIC INDICATORS

	Current (2016)	1-Year Progress	5-Year Progress	State 5-Year Progress
<i>Total (Private + Public)</i>				
Number of Establishments	106,202	2.0%	5.4%	9.3%
Average Annual Employment	1,272,892	1.5%	6.4%	8.4%
<i>Private Sector</i>				
Number of Establishments	104,596	2.0%	5.3%	8.7%
Average Annual Employment	1,094,309	1.6%	8.2%	10.4%
<i>Public Sector</i>				
Number of Establishments	1,606	0.6%	13.3%	42.2%
Average Annual Employment	178,583	0.6%	-3.3%	-1.6%

In 2016, Long Island neared full employment with the unemployment rate averaging 4.1 percent, lower than the state's 4.8 percent. The number of unemployed individuals in the region nearly halved over the five-year period ending in 2016.

3 / LONG ISLAND GENERAL ECONOMIC INDICATORS

	Current (2016)	1-Year Progress	5-Year Progress	State 5-Year Progress
Unemployment rate	4.1%	-0.4	-3.1	-3.5
Unemployed	60,900	-8.0%	-42.1%	-41.3%

What the Numbers tell us...

Excluding New York City, Long Island had the highest private sector wages in the state at \$56,420 in 2016. The pace of growth over the last three years has accelerated, averaging nearly 3 percent per year. Local budget concerns have resulted in net job losses in the public sector and constrained wage gains.

4 / LONG ISLAND GENERAL ECONOMIC INDICATORS

	Current (2016)	1-Year Progress	5-Year Progress	State 5-Year Progress
<i>Total (Private + Public)</i>				
Total Annual Wages (in millions)	\$74,615	3.7%	17.3%	19.3%
Average Annual Wages	\$58,619	2.2%	10.2%	10.0%
<i>Private Sector</i>				
Total Annual Wages (in millions)	\$61,740	4.2%	20.0%	21.0%
Average Annual Wages	\$56,420	2.6%	10.9%	9.6%
<i>Public Sector</i>				
Total Annual Wages (in millions)	\$12,875	1.0%	5.8%	9.3%
Average Annual Wages	\$72,095	0.4%	9.5%	11.1%

While Long Island continues its impressive progress, significant challenges remain. Slow overall population growth combined with an aging population can limit future economic growth. The region's population grew by only 0.7 percent between 2011 and 2016, less than half the state's 1.8 percent. Over that same time period, Long Islanders over the age of 65 increased by 13.8 percent. However, efforts undertaken by the council to add to the region's affordable multi-unit housing stock may have played a role in keeping or attracting young adults between the ages of 20 and 34. Long Island added 34,178 Millennials over the last five years.

Quality of Life Indicators

The high cost of living and an aging population has led to an increase in out-migration. The proportion of Long Islanders who stayed decreased from 97.9% in 2014 to 97.5% in 2015. Meanwhile, 2,673 more Long Islanders left New York State, a 5.8% increase from 2014. However, a stronger economy that created more high-quality jobs resulted in a higher share of Long Islanders working in the region. As the Long Island workforce grew by more than 15,000 between 2014 and 2015, the proportion who work and live in the same region ticked up by 0.1%. Some 77.7% of Long Islanders work in-region.

With nearly one in five residents working in New York City, mass transit is critical to the health of the region's economy. Long-overdue infrastructure improvements in the LIRR are necessary to keep commute times from growing. Long Island had the second longest average commute time in the state, at 33.7 minutes in 2015, down a negligible 0.3 minutes from the previous year.

5 / LONG ISLAND GENERAL ECONOMIC INDICATORS

	Current (2015)	1-Year Progress	State 1-Year Progress
Migration (% living in same region as previous year)	97.5%	-0.4%	0.0%
Commuting (% working in same region)	77.7%	0.1%	0.0%

What the Numbers tell us...

While Long Island's economy is doing well, poverty remains a significant challenge to the region. Compared to New York State as a whole, overall poverty levels on Long Island are lower, but have increased from 5.5 percent in 2011 to 6.6 percent in 2015. (A number of individual communities have rates significantly higher.) This is the highest level of poverty in the region in nearly 60 years. The federal poverty level threshold is \$24,250 for a family of four, which does not take into account Long Island's high cost of living. Since the Affordable Care Act was enacted in 2010, fewer residents lack health insurance than ever before. The regional uninsured rate declined from 9.5 percent in 2011 to 8.0 percent in 2016.

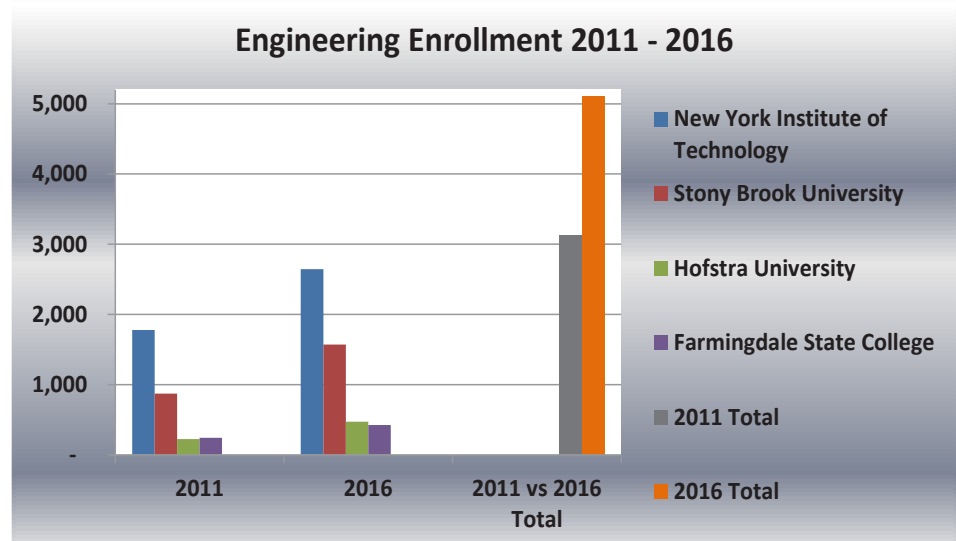
Long Island's tourism industry, which includes world-class outdoor and indoor recreational opportunities and an abundance of cultural and historic sites, enhances quality of life for all residents. Visitor spending rose by 3.0 percent between 2014 and 2015, and overall pumped \$5.5 billion into the regional economy.

6 / LONG ISLAND GENERAL ECONOMIC INDICATORS

	Region (2015)	New York State (2015)	Regional Progress % Change (2014-15)	State Progress % Change (2014-15)	Regional Progress % Change (2011-15)	State Progress % Change (2011-15)
Share of residents lacking health insurance	8.0%	9.7%	-0.9%	-0.9%	-1.5%	-1.6%
Poverty status of residents overall (% living below the poverty line)	6.6%	15.7%	0.0%	0.1%	1.1%	1.2%
Poverty status of residents <18 (% living below the poverty line)	1.9%	4.9%	0.0%	0.0%	0.3%	0.3%
Poverty status of residents 18-64 (% living below the poverty line)	3.9%	9.2%	0.1%	0.1%	0.7%	0.9%
Poverty status of residents ≥65 (% living below the poverty line)	0.8%	1.6%	0.0%	0.0%	0.1%	0.1%
Estimated visitor spending (in thousands)	\$5,483,672	\$63,076,313	3.0%	1.0%	13.4%	17.0%

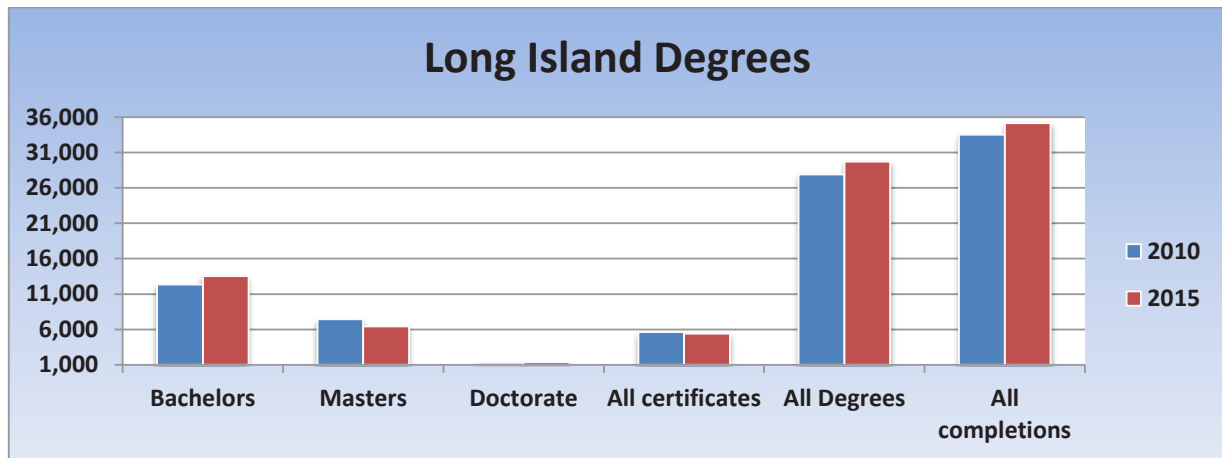
Key Regional Indicators

Educating and training the workforce is a critical component of the economic sustainability of the region. The LIREDC supported programs at 4 colleges to increase engineering graduates to fill an identified need. The results have been impressive – nearly doubling the number of enrolled students since 2011.

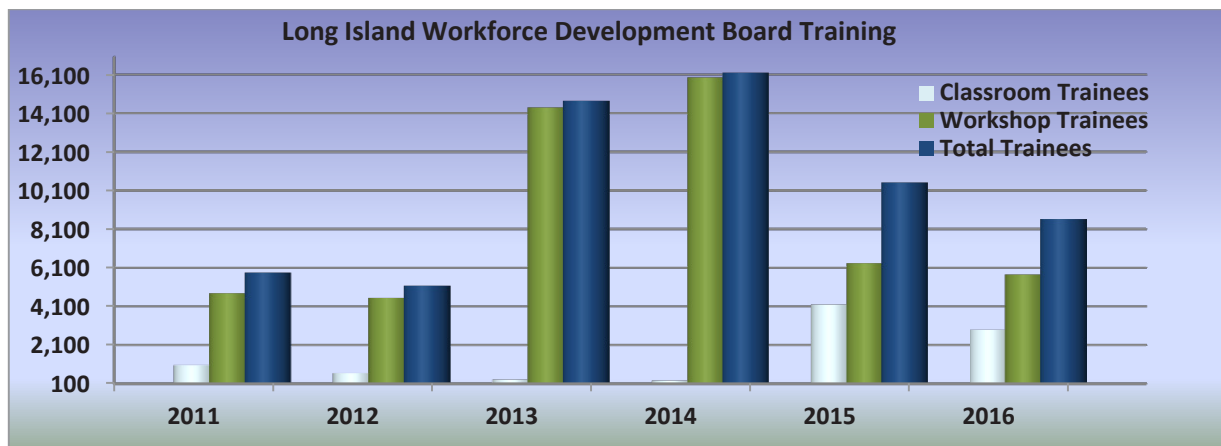


What the Numbers tell us...

Notably the region has seen an increase in advanced education overall.

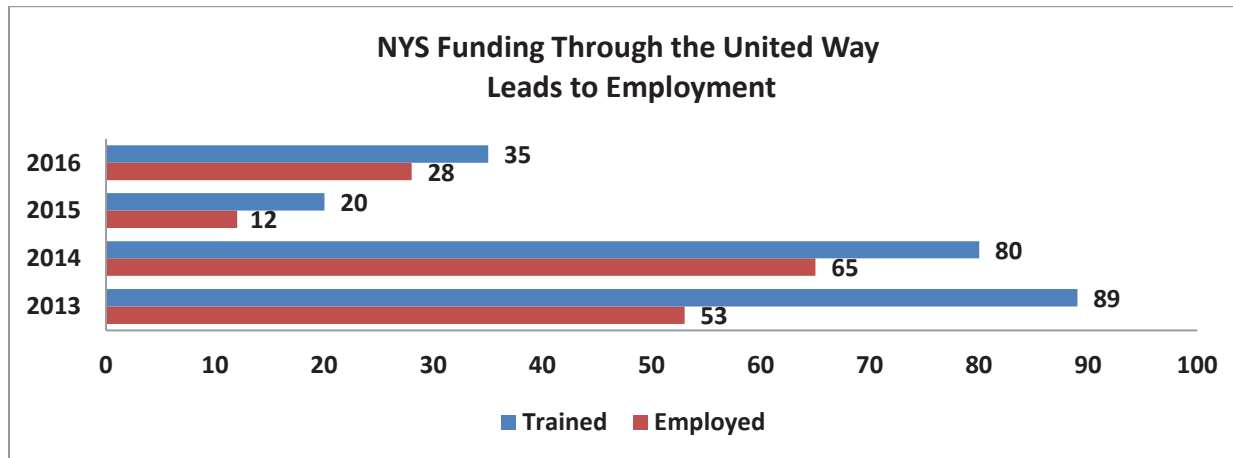
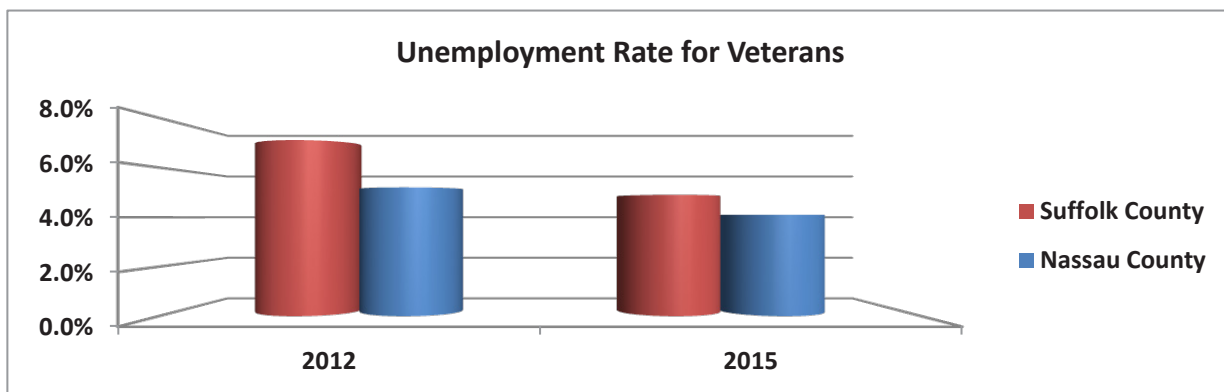


The region's non-degree training programs have increased since 2011 as well, with a significant increase in 2013 and 2014 through the Workforce Development Boards. These types of programs increased to an all time high in 2016 at some of the colleges.

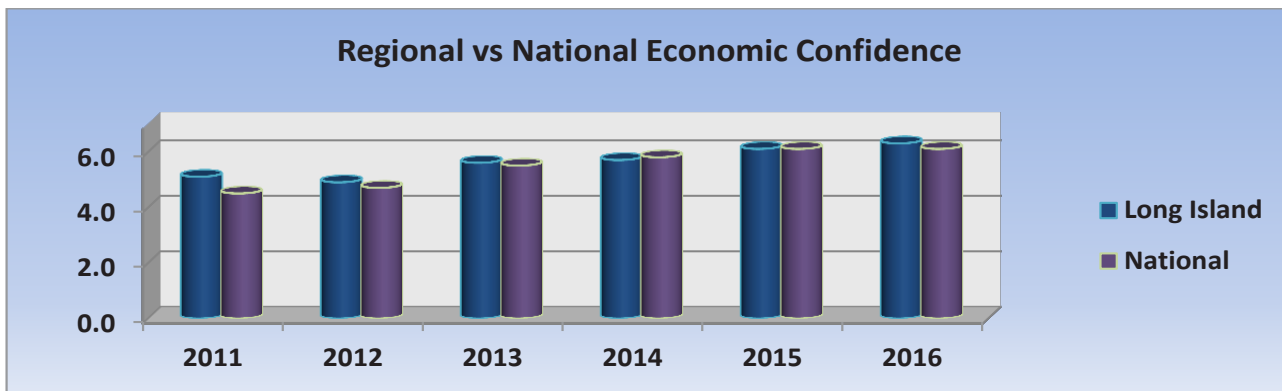


What the Numbers tell us...

Our training programs have real consequences to real people. The number of unemployed veterans on Long Island has decreased since 2012, and the programs by the United Way have resulted in direct employment for many.



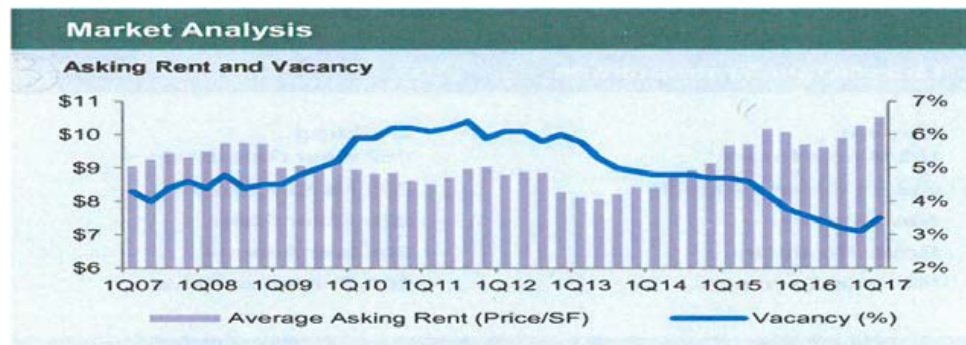
The State's investment on Long Island has had a positive effect – both psychologically and physically. A 2017 poll of Long Island businesses shows that Long Islanders confidence in the regional economy is higher now than in 2011 and higher than the nation's.



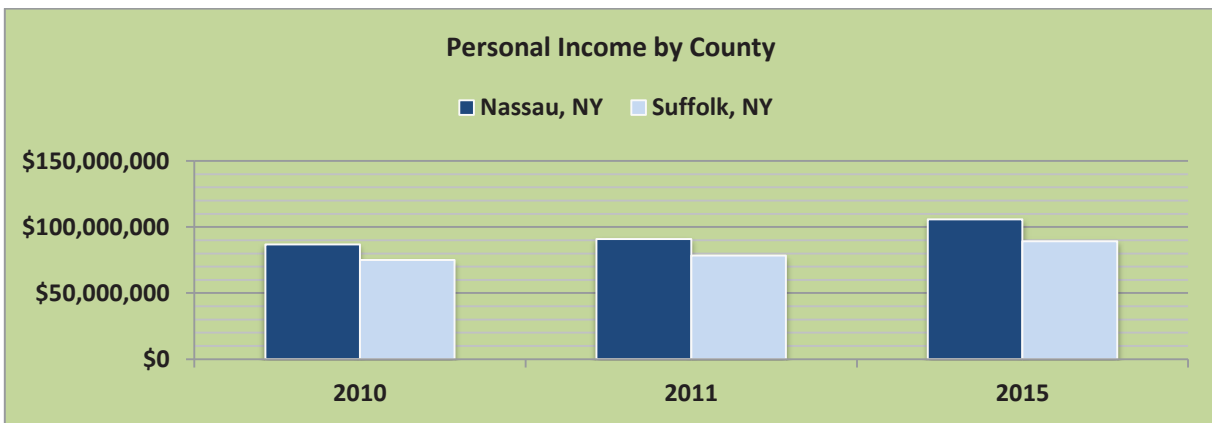
Source: "Long Island economic survey and opinion poll" AVZ Certified Public Accountants and LIBN, 2017

What the Numbers tell us...

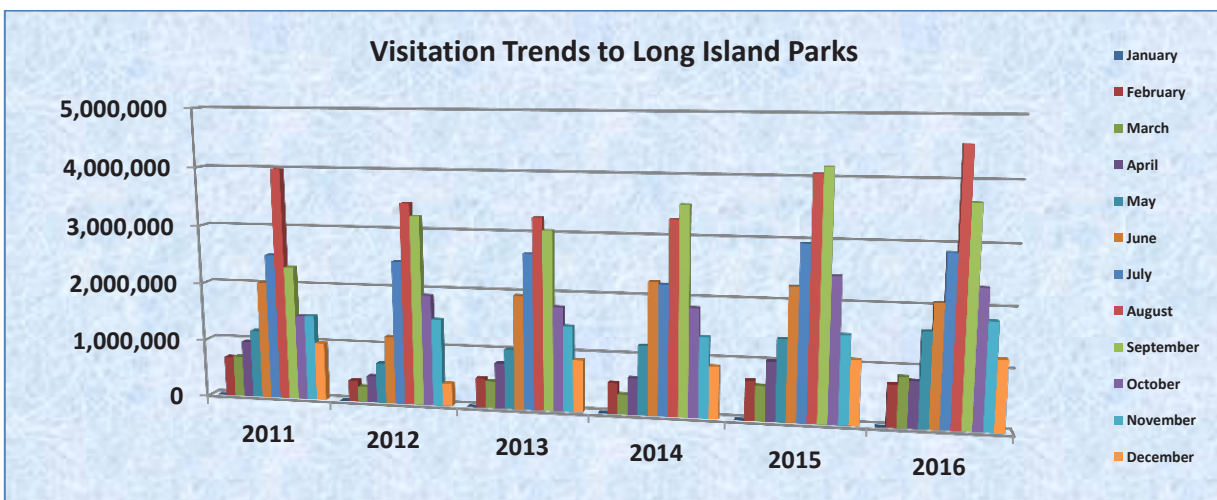
This confidence is justified – the commercial vacancy rates are low, rents are high, and personal incomes are rising.



Source: "Long Island 1Q17 Industrial Market Analysis" by Newmark Grubb Knight and Frank

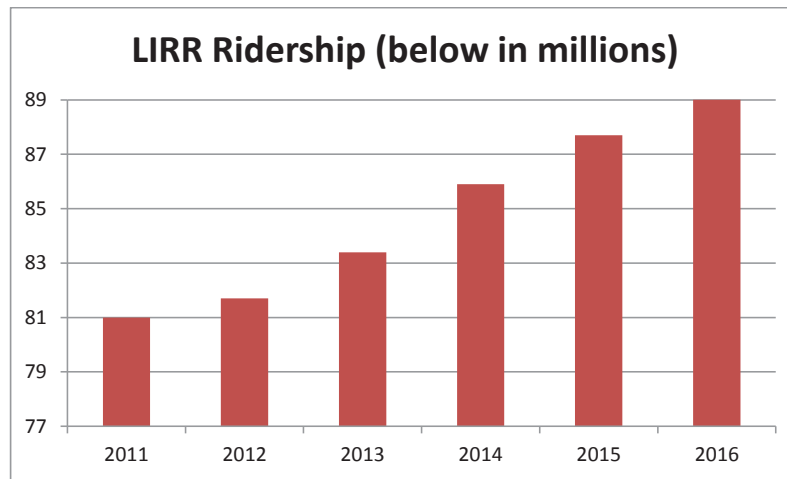


Tourism remains a tremendous part of the Long Island economy and the LIREDC has always recognized that fact by supporting parks grants and other tourism related projects. This too has paid off with visits to our renowned parks rising from 19 million to more than 23 million in 2016.



What the Numbers tell us...

The LIREDC has concentrated its grants to support downtown developments near train stations. In the last six years the region has seen a tremendous increase in LIRR ridership. We do not think that is a coincidence.



Clearly, the nearly \$500 million the region has received through the REDC process has made a difference. The chapter that follows includes just a few of the tangible examples—but there are many more as explained throughout this report.



What We've Done ...

Status of Past Priority Projects

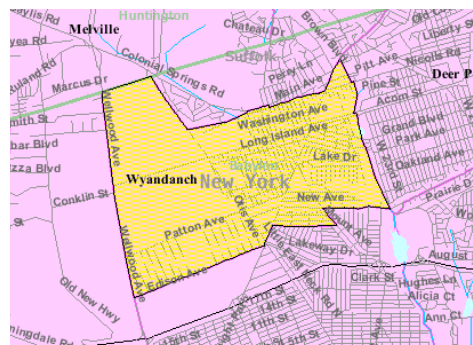
The LIREDC and ESD weren't the only players in Long Island's remarkable rise from the depths of the Great Recession, but there's no doubt we were among the stars of this comeback saga. Without the regional consensus for economic growth, as well as a strategic plan and competition for achieving it, our path to prosperity would have been slower and less steady. More than one influential official or business owner has remarked that if we didn't have an LIREDC – especially during the recovery from Superstorm Sandy – we would have had to invent it.

What has made the LIREDC so successful is its inclusiveness, not only in how strategies are devised and projects selected, but in where state-dollars are sent to leverage the private sector. We are especially proud of “being there” before the state has told us. We jumped deeply into the “hurting” hamlet of Wyandanch, Suffolk's poorest, before there was an Opportunity Agenda. We targeted biotech as our cluster of choice, bringing together academic researchers and investors, before we were required to select an industry cluster. We conducted extensive surveys of businesses and educational institutions to close a skills gap that, once the jobs began to flow, made it harder to fill them. We supported downtown revitalization initiatives, as ESD President Howard Zemsky has noted, before there was a Downtown Redevelopment Initiative. Taking the long-view to development, we recommended substantial investments in “unsexy” sewer projects that now are paying off in supporting denser smart-growth, TOD projects and protecting our natural assets with a head start toward cleaning up nitrogen pollution.

What we are proudest of is how, from the start, we sought to create an Opportunity Economy by focusing not only on job creation in underserved communities but on the people – veterans, minority youth, disabled and others – often left behind even in the best of times. We were determined not to let that happen, not on our watch.

Below are examples of six-years of carefully considered investments in people and places that have generated jobs and hope.

Wyandanch Rising received REDC funding in Round One (2011) when the Town of Babylon was awarded \$6 million to support a \$228.7 million project for the creation of two roadways for access to the new Intermodal Plaza, and construction of the Plaza. Wyandanch Rising is a public-private partnership to transform the economically distressed community into an active mixed-use, mixed income, transit oriented center. In Round Three (2013) the REDC awarded the Town of Babylon \$1 million to support a \$3.9 million project for the installation of an ice rink within the Intermodal plaza. The first two residential buildings are completed and currently 95 percent leased. The plaza that holds the ice rink during the winter season operates as an open space Spring through Fall to host concerts, markets and other events. Where there was once blight – just a few years ago – is now a vibrant community.



Cold Spring Harbor Laboratory received an award of \$2 million from the LIREDC in Round One (2011) to build an advanced drug testing facility as part of CSHL's Cancer Therapeutic Initiative in Woodbury. Cold Spring Harbor Lab committed to adding 30 new full-time jobs to their existing workforce of 901. The new facility is complete and currently operational and already making newsworthy breakthroughs in pancreatic cancer research.

What We've Done ...

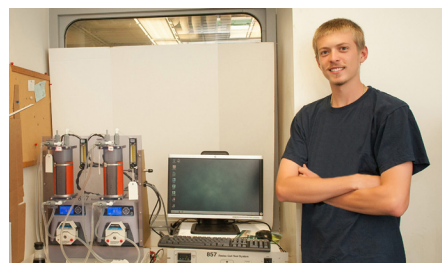
Amneal Pharmaceutical LLC received an award of \$3 million in Round One (2011) to support a \$117 million project to construct a 322,000-square foot manufacturing and warehouse building and to create 400 new jobs in its generic pharmaceutical company. Construction of the building is complete and machinery and equipment is being purchased and installed. We eagerly anticipate a ribbon-cutting ceremony.



ENgine Round One (2011). The LIREDc awarded Hofstra University and Stony Brook University \$1 million each for their collaboration to renovate existing facilities and add new teaching equipment in order to increase engineering graduates in the region. Both universities have completed

their respective projects and Hofstra increased its engineering enrollment from 225 in 2011 to 472 in 2016 and Stony Brook from 872 in 2011 to 1,572 in 2016.

ENgine Round Two (2012) The LIREDc awarded Farmingdale State College and New York Institute of Technology \$250,000 each for their collaboration to continue the work of Hofstra and Stony Brook to increase engineering graduates in our region. Funding went towards equipment and renovations to expand schools of engineering. This phase is also complete and Farmingdale increased its engineering enrollment from 245 in 2011 to 425 in 2016, and New York Institute of Technology from 1,780 in 2011 to 2,644 in 2016.



The VetsBuild project through United Way of Long Island was awarded \$200,000 in Round Four (2014) to assist low-income military veterans to develop high-demand occupational skills needed to qualify for well-paying jobs. The training prepared the veterans for entry level employment

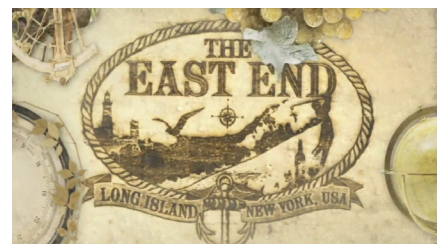
positions in the following jobs: energy auditor, weatherization technician, photovoltaic solar installer, green building construction, and specialty construction worker (SIPs and ICF installer). United Way successfully completed the project training 80 Vetsbuild students with 65 graduates gaining full-time employment.



Bay Scallops - Cornell Cooperative Extension was awarded \$182,900 in Round One (2011) for machinery and equipment and working capital for scallop restoration in Southold. Their activities included: 1) production of greater numbers of scallops to be used for planting via private/public partnerships with local shellfisheries, 2) collection of scallop larvae from natural populations, 3) concentrated large scale plantings of scallops in Flanders Bay, which is currently under producing, 4) creation of a private culture industry for bay scallops that would produce them on the half-shell for use in NYC restaurants.

What We've Done ...

Discover Long Island was awarded ESD Market NY funds of \$335,000 in Round Six (2016) for a collaborative marketing project with the **East End Tourism Alliance** to generate increased awareness of and demand for thematic tourism opportunities, the initiative emphasized locally grown farm, vineyard and sustainable seafood, along with other east end attractions, including tourism activities associated with the rich natural resources unique to the East End. The project is complete. Funds were used to produce ads that emphasized tourism activities across local agricultural and aquaculture sectors, while also highlighting Long Island's beautiful natural assets, its complementary attractions and tourism infrastructure, such as hotels, B&Bs, restaurants, and marinas.



Success, especially for an organization that relies heavily on volunteers with very busy lives, can breed a bit of lassitude. So the LIREDC, ably aided by ESD staff, worked harder than ever this year to maintain our momentum.

We spoke to more people, generated more articles and broadcasts, partnered with more government and NGO partners, looking for more opportunities to leverage increasingly precious state tax dollars. And sticking to our successful strategies, we continued to invest in critical infrastructure to protect the environment and promote commerce; in innovative research and “commercialization of discovery;” in workforce training to close the gap between what our workers can do and businesses need; and in jump-starting job creation in our most underserved communities.

Below are examples of how in 2016 we kept making progress – a region on the right track and definitely in motion.



In Round Five (2015), **Hofstra Education Workforce and Leadership Training Center** was awarded an \$800,000 ESD Grant for the acquisition and renovation of a vacant Army Reserve Center in Uniondale to create an interdisciplinary community academic facility with high-tech classrooms, offices, and convertible conference-style spaces. Hofstra completed the project and is occupying the building which is bustling with students and the community.

In Round Four (2014), Long Island University was awarded a \$500,000 ESD Grant for the creation of their **Innovation and Entrepreneurship Technology Park**. This project, located on the Brookville campus, renovated a former 10,000-square foot "gold coast" mansion to accommodate START UP NY companies in a new technology incubator. LIU completed the project and the space currently houses three START UP companies.



In Round Four (2014), Adelphi University was awarded a \$2.5 million ESD Grant for the construction and renovation of a state-of-the-art 22,000-square foot **Nursing Innovation Lab and Training Center**. The project involved the acquisition and installation of new specialized machinery, equipment, furniture and fixtures. Adelphi committed to the creation of 8 high wage full-time jobs as a result of this project. A ribbon cutting ceremony was held on December 12, 2016 to officially open the building.

What We've Done ...

In Round Three (2013), St. Joseph's College was awarded a \$800,000 ESD Grant for the renovation of a building on its Patchogue Campus to create a **Center for Hospitality and Tourism Management (HTM)** in response to economic changes on Long Island and demand for trained hospitality professionals. St. Joseph's committed to create 8 full-time positions as a result of this project. The College has completed this project this year.



In Round Five (2015), **East/West Industries, Inc.** was awarded a \$200,000 ESD Grant to support the acquisition of machinery and equipment and renovation of their existing facility to increase the production efficiency of their operation. The company will create 5 jobs to their existing workforce of 49. They design and manufacture support products that save aircrew lives. East/West is a trusted provider of products for military and commercial customers. A ribbon cutting ceremony was held on June 22, 2017 in which they highlighted their new M&E and also shared that they exceeded their initial job commitments by creating 25 full time jobs instead of five.

In Round Five (2015), **Community Development Corporation of Long Island** was awarded \$275,000 to construct Peconic Crossing, a 4-story mixed-use building with an art gallery/studio, management/maintenance space, and parking on the first floor and residential units including community space on upper four floors in the Town of Riverhead. They broke ground on this project in March 2017.



What We've Done ...

Priority Projects Status: Rounds I - VI

Project Status Key:
Complete
On Schedule
Progressing Slowly
Concerns
Contract not yet Executed
Canceled or Declined

2011			
CFA #	PROJECT	CFA #	PROJECT
3826	Town of Hempstead LI Business and Workforce Investment	2432	Heartland Town Square/ Pilgrim State Site Capital
4049	Wyandanch Rising	6162	LI Forum Technology Advance Manufacturing Composites Training
5322	Cold Spring Harbor Lab Capital	6697	Long Island STEM Hub Working Capital
6294	Amneal Pharmaceutical Capital	7156	Ronkonkoma Hub Sewage Treatment Plant
7441	Brookhaven National Lab Smart Grid 3 Capital	8309	NY Institute of Technology Capital
7750	Cornell Cooperative Extension of Suffolk County Capital	8552	Farmingdale State College STEM Diversity Roundtable and Ctr Working Capital
7895	Long Island Farm Bureau- Greens and Grapes	6400, 18170, 18140	Inc'd. Village of Hempstead Capital -Phases I, II, III
8115	Accelerate Long Island Working Capital	4670	LI Community Engagement for STEM Education and Careers Capital
8117	ENGINE- Stony Brook University Capital	5661	Canrock Ventures Thought Box Capital
18141	ENGINE - Hofstra University Capital	7062	NSLIJ Next Generation Healthcare Workers Capital
2012			
12867	Satur Farms Capital	16559	Sheltair Farmingdale Capital
13796	Hofstra North Shore LIJ School of Medicine Capital	16850	Town of Hempstead - Elmont Improvements Capital
15506	Wincom Commons Capital	17277	Ronkonkoma Hub Capital I
16007	City of Glen Cove Water Transmission System Improvements Capital	17455	Brookhaven Terminal Operations Capital
16372	Montauk Fish Dock Capital	17515	Molloy College - Center for Nursing Excellence
17885	Winthrop Research Institute Capital	18509	New York Insitute of Technology STEM Capital
18823	Farmingdale State College Capital	18527	Stony Brook University- Center for Biomedicine
19201	H. F. Corwin and Sons Capital	19867	Nassau County HUB Capital
12740	Fil-Coil Capital	24677	Ronkonkoma Hub Capital II
14831	JM Haley Capital	15892	Wyandanch Rising - Phase 2
15641	Montauk Inlet Seafood Capital	17211	Broad Hollow Bioscience Park
16478	Quality King Capital	19075	Town of Islip Capital
2013			
26392	Wyandanch Rising Phase 3 Capital	29041	Glen Cove Waterfront Connector
27289	Peconic Landing Special Needs and Rehabilitation Center Capital	29534	Therapeutics Discovery Center Capital
27601	Hofstra University Labs Capital II	30155	Wyandanch Opportunity Agenda Working Capital
28332	Rose Breslin Capital	30748	Glen Cove Piazza Capital
29409	Hofstra University Labs Capital I	30809	Suffolk County Kings Park Sewers
30804	Suffolk County Community College Working Capital	30882	EBDK Research at Calverton LLC
30982	Browder's Birds Capital	31123	LI Compost Anaerobic Digester
31820	Stony Brook University Wyandanch Working	31430	Long Island Testing Laboratories Capital
23953	Heckscher Museum Capital	32035	East Farmingdale Downtown Center Planning
24626	Ametek Hughes Treitler Capital	32378	Nassau County HUB Plan Capital
26616	L and G Fisheries LLC	32484	BNL Solar R&D Center Capital
27121	Cor J. Seafood Enterprise Capital	26728	LI Robotics Program Capital
27180	ADDAPT Capital	27389	SkyDive Long Island Capital
27195	Town of Riverhead - EPCAL	28391	Mayola Laser Capital
28451	Stony Brook University High Performance Computing Capital	29658	Air Techniques Capital
28560	St. Josephs College HTM Capital	30903	Martin Sidor Capital

What We've Done ...

CFA #	PROJECT	CFA #	PROJECT
28594	Stony Brook University Small Business Development Center	31820	LI High Tech Incubator
28600	Stony Brook University Innovation and Discovery Facility Capital	32557	TNS Aerospace Capital
2014			
39292	Town of Southampton- Good Ground Park Capital	41798	Riverhead Agri-Tourism Center Capital
40305	Adelphi University- Clinician Education and Simulation Lab Capital	42137	Great Neck Receiving Station
40500	Hofstra University STEM Center	42549	NY Institute of Technology STEM Continuum
40853	Rising Sun Woodworking Capital	42553	Cold Springs Harbor Lab Metabolics Center
41275	Long Island University Capital	42835	Beech Street Drainage Improvement
42301	Peconic Land Trust Capital	42843	Nassau County Dept. of Public Works South Shore Check Valve
38596	Elite Manufacturing Technologies Capital	42921	Suffolk County Sewers Reclaiming Our Water
39350	Hempstead Turnpike to C. Lindbergh Boulevard	43055	Stony Brook University Cyber Security Center
39652	Village of Patchogue Capital	43130	American Pride Fasteners Capital
39797	James D. Conte Community Ctr	43497	Ancon Gear and Instrument
39951	St. Joseph's College Capital	38995	Suffolk County Community College
40329	Albanese Development Capital	40211	Freeport Community Development Agency Capital
40800	Rose Breslin Capital	41240	Molloy College - CERCOM
41155	Town of Babylon Music Hall of Fame Capital	42132	Suffolk County STEAM Center
41218	South Nassau Communities Hospital Capital	42468	Lasticks Aerospace Capital
2015			
53961	Hofstra University Community Education Workforce & Leadership Training Ctr	55327	SBU Additive Manufacturing Prototyping and Applications Center
5891	D'Addario Capital	55330	Stony Brook University Long Island High Technology Incubator
51089	Garvies Point Ferry Parking	55384	Nicolock Paving Stones
51214	Tesla Science Center at Wardencliff Capital	55529	Family Community Life Center Study
51319	North Harbor Trading Corp. High Pressure Processing Facility	55601	Precision Metals Corp Capital
51755	Incorporated Village of Mastic Beach Study	55699	SBU Cyclotron and Radiochemistry Lab Capital
52467	Town of Southampton Good Ground Park Capital	55759	Stony Brook University Next Generation Drug Discovery Facility
52737	Town of Babylon Downtown Copiague Revitalization	55774	Suffolk County Landbank Capital
52912	Great Neck Water Pollution Control District - Anerobic Digesters	55823	Grumman Studios Lunar Module Park Capital
52916	Jeweler's Machinists, Inc.	55863	YMCA of Long Island Inc. Capital
53016	MacArthur Airport Capital	56020	Vivalarte Capital
53451	Island Harvest Capital	56037	Long Island GLBT Health & Human Services Network
53499	Greenbelt Trailhead Facilities	56156	Molloy College - The Collaboratorium: Digital Platform Incubator
53584	Family Service League	56627	Suffolk County Nicolls Road Multimodal Corridor
53818	Sunrise Day Camp International Headquarters	56869	NYIT Cyber Security Incubator Capital
53950	East/ West Industries Capital	57074	Hofstra University - Frank G. Zarb Building Capital
54013	Discovery Park at Brookhaven National Laboratory	57558	Suffolk County Route 110 Bus Rapid Transit Corridor
54241	Economic Analysis Strategy Development of the Fisheries Industry	50907	Serota Islip Phase I Capital
54353	Riverhead Enhanced Water Supply Interconnection	48534	Voxx International Capital
54431	Suffolk County Agricultural Tourism Center Capital	50950	SIW Capital
54627	Winthrop University Hospital Capital	51131	Town of Babylon Copiague Brewers
54702	Northwell Health	54825	United States Luggage Company
54750	Autodyne Manufacturing Capital	55614	Accelerate LI Capital Equipment Fund
55044	Manna Fish Farms Capital	56426	Farmingdale State College Next Generation Vaccine Development
55205	Nassau County - Baldwin Capital	56535	GKN Aerospace Titanium Components
55208	Nassau County Capital	57234	Aljo-Gefa Precision Manufacturing, LLC
55309	Peconic Crossing	57300	Arkwin Industries Capital

What We've Done ...

2016			
63604	Main Street Theatre Partners	67220	Uniondale Bridge Project Working
63648	C & H Machining Capital RC6	67489	Wyandanch Village Recharge Basin Study Working Capital
64763	Nassau Food Incubator Capital at Old Bethpage Village Restoration	67652	Industrial Metals International Capital
65043	Alken Industries Capital RC6	67674	Family Community Life Center Phase II Working Capital
65415	Hofstra University - Consumer Behavior Market Research Lab	67850	The Y Healthy Living Center Capital RC6
65695	Framerica Capital	68097	Patchogue Gateway Transportation Center Capital RC6
65700	Suffolk County Community College Capital	68148	Wyandanch Rising- Building E Capital RC6
65980	Upper Port Jefferson Strategic Planning Working Capital	68311	Town of Babylon Wyandanch Station Capital
66099	Stony Brook University School of Engineering Lab	68405	Luminati Aerospace Phase Two Capital
66325	Qosina Capital	68606	Sheltair Farmingdale Capital
66477	SBU MRI Capital	64709	GKN Aerospace Monitor Capital RC6
66562	Long Island GLBT Health and Human Services Network Capital	65170	VE Power Door Company Capital
66563	Feinstein Institute at Northwell Health Capital	66747	Nassau County Pedestrian Connector Capital
66590	Adelphi University Health Science Lab Capital	67459	Globe Grinding Capital RC6
66818	North to South Real Estate Capital	68189	L&S Packing Company Capital
66963	Montauk Inlet Seafood Capital II	68466	Satur Farms Capital
67149	Long Island University Technology Park Capital RC6	67438	Modern Meadow Capital



NEW YORK
STATE OF
OPPORTUNITY

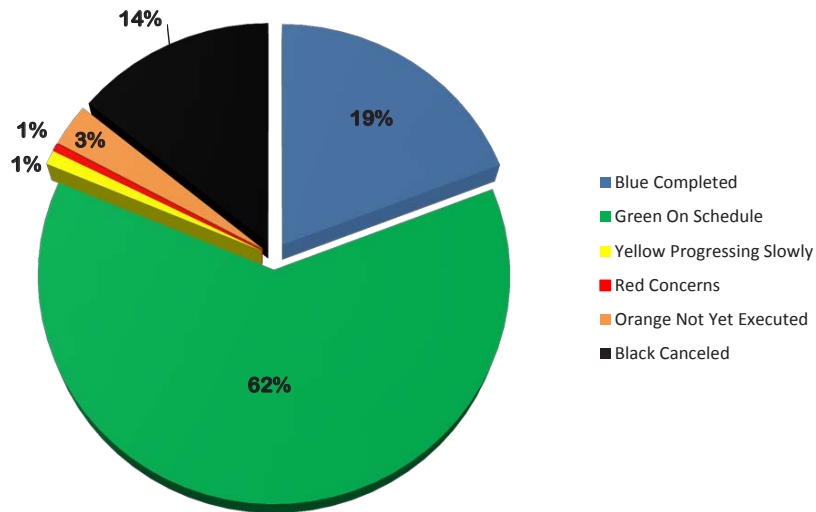


What We've Done ...

AGGREGATED STATUS OF ALL PAST PRIORITY PROJECTS

Project Status	2011	2012	2013	2014	2015	2016	Total	% Projects
Blue Completed	13	9	10	5	1	0	38	19%
Green On Schedule	3	12	19	19	43	27	123	62%
Yellow Progressing Slowly	1	0	0	0	1	0	2	1%
Red Concerns	0	0	0	1	0	0	1	1%
Orange Not Yet Executed	0	0	0	0	0	6	6	3%
Black Canceled	3	3	7	5	9	1	28	14%

Status of All Past Priority Projects



81% of all Past Priority Projects are *Complete* or *on Schedule*
31% Increase in *Completed* Projects compared to last year







LEVERAGE OF STATE INVESTMENT IN ALL PAST PRIORITY PROJECTS

	Total Number of CFA Priority Projects Funded	Total Project Cost	Total Amount of ESD Capital Fund Awards	Ratio of Total Project Cost to Total ESD Capital Fund Awards	
2011	17	\$ 234,380,864	\$ 26,916,435	11%	9:1
2012	21	\$ 346,224,997	\$ 8,020,000	2%	43:1
2013	29	\$ 381,121,383	\$ 24,303,378	6%	15:1
2014	25	\$ 620,241,657	\$ 23,325,321	4%	26:1
2015	45	\$ 273,852,074	\$ 24,394,500	9%	11:1
2016	36	\$ 253,247,180	\$ 9,295,000	4%	27:1
Total	173	\$ 2,109,068,155	\$ 116,254,634	6%	18:1

NOTE: Terminated projects have been excluded from the calculations. In the case of a project receiving funding over multiple rounds, the project's cost is only reflected once in the total project cost.

STATUS OF PAST PRIORITY and REGIONALLY SIGNIFICANT PROJECTS

LEGEND

- | | | |
|---|--------|--------------------------------------|
|  | BLUE | Completed |
|  | GREEN | On Schedule |
|  | YELLOW | Some Concerns /Project Moving Slowly |
|  | ORANGE | Contract Not Yet Executed |
|  | RED | Potential Problems |
|  | BLACK | Terminated |





Long Island
Regional Economic
Development Council



Long Island Regional Council's

*Status of Past Priority and
Regionally Significant Projects*



What We've Done ...

Status of All Past Projects Awarded CFA Funding.

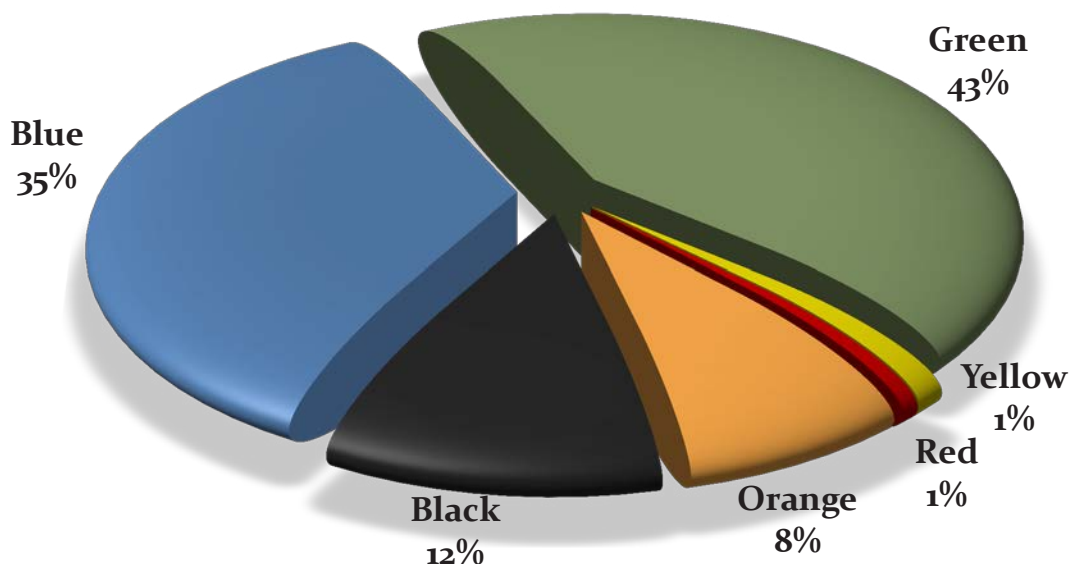
We have been a busy REDC. The 523 total CFA projects in our first six years produced a total investment of more than \$3 billion, leveraged at a rate of 13.5:1 with \$223 million in state funds. The public-private effort is projected to create or save more that 23,000 jobs, changing lives and communities. As a result of intensive attention to detail by the Council and state agency staff, about 80 percent of our awarded projects were successfully completed or well on their way.

AGGREGATED STATUS OF ALL CFA PROJECTS

Project Status	2011	2012	2013	2014	2015	2016	Total	% of Projects
Blue Completed	41	54	51	32	13	0	191	35%
Green On Schedule	5	17	33	39	82	60	236	43%
Yellow Progressing Slowly	3	0	0	1	2	1	7	1%
Red Concerns	1	0	0	2	1	0	4	1%
Orange Not Yet Executed	0	0	0	3	5	38	46	8%
Black Canceled	12	12	17	12	12	2	67	12%
Total	62	83	101	89	115	101	551	100%

** Excelsior projects awarded outside of the rounds are not included.*

Aggregated Status of all CFA Projects



For a full list of all funded CFA Projects see Appendix One.

What We've Done ...

Leverage of State Investment in all CFA Projects

	Total Projects	Total Project Cost (TPC)	Total Amount of CFA Awards	Ratio of TPC to CFA Awards	
Round 1	56	\$ 578,461,301	\$ 48,954,609	8%	12:1
Round 2	77	\$ 426,871,724	\$ 21,688,494	5%	19.5:1
Round 3	93	\$ 644,395,622	\$ 43,033,720	7%	15:1
Round 4	88	\$ 761,540,029	\$ 44,279,012	6%	17:1
Round 5	108	\$ 314,508,943	\$ 37,873,599	12%	8:1
Round 6	101	\$ 284,665,617	\$ 26,975,971	9%	8:1
Total	523	\$ 3,010,443,236	\$ 222,805,405	7%	13.5:1

NOTE: Terminated projects have been excluded from these calculations.

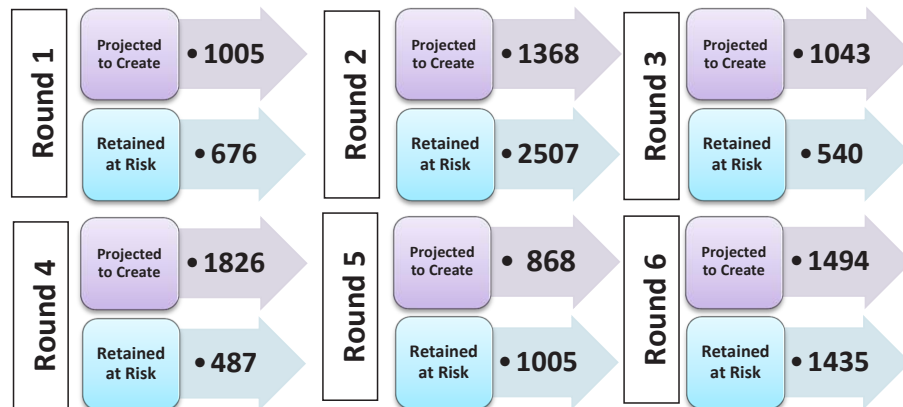


What We've Done ...

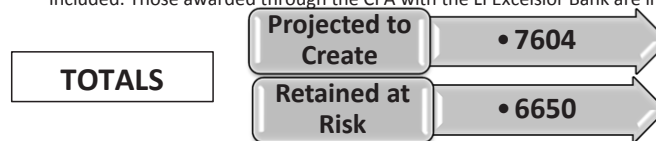
ESD



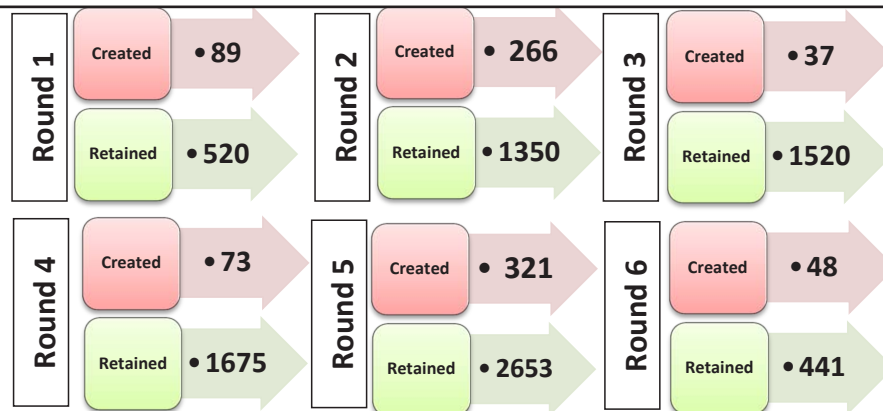
Creation



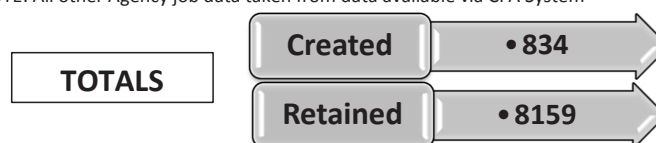
NOTE: Projects that were cancelled/terminated, or where the award was declined are not included. Those awarded through the CFA with the LI Excelsior Bank are included.



All other Agency Job Creation



NOTE: All other Agency job data taken from data available via CFA System



WHAT WE'RE DOING ...



JEAN FITZPATRICK
NASSAU COMMUNITY COLLEGE
WOMEN'S UTILITY TRAINEE

For Jean Fitzpatrick, it was URGENT.

After Jean learned her position would be “outsourced,” the Massapequa woman wanted – no, needed – to find a decent job at a stable company so she wouldn’t be out on the street again at the first economic hiccup. And Jean, a customer service supervisor, knew she would have to sharpen her skills and acquire new ones to compete.

That is when she found URGENT - Utility Readiness for Gaining Employment for Non-Traditionals. This innovative program is a partnership of Nassau Community College and the Workforce Development Institute along with New York American Water, PSEG Long Island, and National Grid, and Nassau County Department of Social Services, and the Workforce Development Boards of Hempstead and Oyster Bay towns.

Launched in spring of 2017, this free program administered by NCC is designed to train women for job readiness in the utility sector, including the gas, water, and electric industries. The program offers 130-hours of classroom instruction including employability workshops and workplace site visits. Participants earn two industry-recognized certifications and become eligible for employment as electrical technicians, station operators, mechanic trainees, or meter readers.

Of twenty-one URGENT graduates, ten have been employed since their May graduation and others are being considered by partner employers.

Jean recently started a job with PSEG Long Island and was thrilled at the welcome she received on her first day. “This opportunity would not have been possible without... the URGENT program,” Jean shared. “The classroom instruction was spot on. The field trips... provided a deeper-dive into the inner workings of each utility and in turn highlighted the availability of some great career opportunities. It specifically provided a new and unique network for women.

The URGENT program inspires women to take a larger role in the utility industry – about as stable a sector as there is on Long Island and contributes to a well-educated and diverse workforce. “A woman, entering a field that is primarily male-dominated is the very essence of accomplishment.”

PART THREE: IMPLEMENTATION

Workforce and Education

Overcoming the region’s shortage of workers for our burgeoning biotech cluster and legacy industries with intensive training targeted to the needs of expanding businesses and potential employees, especially in underserved communities.



Key Strategy: Create a cohesive education and workforce training strategy through partnerships among a range of stakeholders – business, trade groups, labor, government agencies, educational institutions, parents and students – with the goal of ensuring that workers from all of Long Island’s communities are prepared to take advantage of new job opportunities in key economic growth sectors.

When the LIREDC began its work in 2011, Long Island had barely begun to emerge from the Great Recession. Today our region benefits from an economy that is alive with a new dynamism, thanks in no small part to the Council, its work groups and, most of all, the grantees, workers, governments, and communities that we have supported with the help and encouragement of the state.

Yet, although unemployment is low and employment is at a record high, much work remains to fill jobs that businesses now report are “going begging.” In Round Seven, we are continuing to build on the pillars of the Strategic Plan, while incorporating the guidance and feedback from previous rounds. We will continue to drive innovation and construct career ladders in advanced manufacturing, a key regional tradeable sector. We will expand opportunities in our broad-based biotech cluster, which encompasses jobs ranging from hospitality services delivered in medical facilities to the retraining of displaced defense manufacturing workers for positions in a booming pharmaceutical industry. And we will work across these and other sectors to provide workers with varied levels of formal education and capabilities, with a focus on veterans, special needs populations, displaced workers, and communities of need such as Wyandanch and our DRI areas.

Six years in, we have taken stock of past grants, reviewed and expanded our skills gap analysis through a survey of employers and educational institutions, and supported a new set of priority projects that will train students, incumbent workers and the under - or unemployed for the jobs of the future.



WHAT WE'RE DOING ...

Survey of Skills Gaps and Inventory of Training Programs

In Round Six, the LIREDC's Workforce and Education Work Group convened advisory committees in the health care, manufacturing, IT, agriculture, and retail/hospitality/tourism sectors to provide insights on the changing needs of employers. The work group, in collaboration with the **Workforce Development Institute**, developed questionnaires for each sector to identify specific and general skill gaps, and then distributed them to at least eight employers in each sector. In some cases, employers needed specific skill sets that require extensive and specialized training – IT firms and manufacturers, for example, both listed “software development engineer” among their top five in-demand job titles. But many of the other skills they cited were generalized: IT firms may demand employees who can work in Javascript, but they also need employees trained in “critical thinking and problem solving.” Health care firms search for employees with specialized nursing training, but also see active listening and reading and writing comprehension as critical. Employers also expressed needs for broadly-trained workers in their respective fields – manufacturers sought chemists and engineers for a range of applications, for example, while training in basic patient care is highly-demanded in the health care sector.



The variation among the needed skill sets led the work group to deepen its employer analysis by adding a second-stage survey of training organizations and two- and four-year educational institutions. This data has enabled the work group to begin the development of a database that matches employers to training opportunities and formal educational programs and certifications at two- and four-year institutions (see Appendix Two). It has also enabled the work group to analyze the match between the soft and generalized skills that employers are demanding.

The results were striking. They showed that Long Island's credit, certificate, and four-year degree programs are already producing many of the skills the region needs. But it was also clear that there is a two-sided information gap: many students, particularly those graduating from four-year colleges – and the faculty who teach them – are not fully aware of the industries that would hire them (e.g., a chemist might not be aware of jobs in Long Island's vineyards). Employers, for their part, do not know where to find skilled employees in area campuses and training programs, and look beyond Long Island – and sometimes beyond New York State – to find talent.

Thus, **Long Island has training that meets much of the current skills demand**, and where it does not exist, programs are agile enough to shift to meet employer needs, particularly in institutions or institutional divisions focused on career readiness. This is not to say that curricula already fulfills all employers' needs or that there is not room for improvement. For example, each industry named industry-contextualized problem solving, offering and receiving communication and feedback, and Quality/Continuous Improvement as critical skills and stated that candidates need to understand how these skills are applied for the specific sector. While training programs and two-year institutions claim "soft skills" are included in workforce training it is not evident that they are industry-focused, and they do not appear to be formally integrated into programs that lead to a Bachelor's degree or above.



Through the coming year the Workforce and Education Work Group will continue to develop a database that matches academic programs with employers who are eager to recruit on Long Island, and will work to bridge the divide between academic programs and students on one hand and employers on the other. Some of this work will follow the model of the Workforce Development Institute, which recently took representatives from regional colleges and universities on a

tour of pharmaceutical companies to illustrate the ample job openings and intense employer need for broadly-trained scientists. The work group hopes to replicate this approach with other manufacturing subsectors, as well as across the biotech sector and the region's other key growth sectors.

WHAT WE'RE DOING ...



JOE SAGGIO
FLEXIBLE SYSTEMS

For Joe Saggio, IT's all about passion and he loves to pass it on.

Joe's company, Flexible Systems, provides Professional IT Support, Technology Consulting, and Cyber Security Services for businesses on Long Island. The company, in the Hauppauge Industrial Park, has 119 employees, plans to be adding about 30 new jobs in an upcoming expansion project and will be looking towards the LIREDC for support.

As a partner at Flexible, Joe Saggio is always looking for employees with passion – for technology, for life-long learning and with an intense curiosity about how and why things work. And Joe has found a number of local prospects at Farmingdale College and Stony Brook University.

By Joe's account, as part of nurturing the innovation ecosystem sought by the LIREDC, both Stony Brook and Farmingdale have adapted their academic programs to produce students that are truly prepared for work in IT. He enthusiastically proclaimed, "By their efforts towards reshaping curriculum to reflect what's happening in reality, they are producing students with real skills." Joe is most confident about his company's future potential with home grown IT graduates on board, noting, "The students are working on innovative projects and solving problems using forward thinking which prepares them for the workplace."

A Stony Brook alum, Joe has developed a collaborative relationship with many professors and enjoys his direct access to the students with whom he speaks in classrooms about the potential for a career in IT. His dedicated efforts have been well worth it, with Flexible Systems acquiring more than twenty IT'ers from Stony Brook last year alone.

"The best part of hiring local talent is that they're graduating from a Long Island university and then staying on Long Island. If local students are able to get a good job here they're more likely to buy a house here and settle down near their family," said Joe. "It also creates longevity for employees. If they can live in an area they're familiar with they'll be more likely to stay at the company for a long time."

Selected Past / Continuing Projects

The LIREDC's workforce grants have targeted workers at every stage of the educational and career pipeline. Grants have leveraged Long Island's colleges and universities as sites of innovation, springboards for entrepreneurship, and linkages to new off-site training for displaced and un/underemployed workers.

**Farmingdale
State College**
State University of New York

The LIREDC has focused on preparing students for the jobs of the future in key biotech sectors like pharmaceuticals and high-demand STEM fields like Engineering. The multi-year ENgine initiative provided

Hofstra, Stony Brook, Farmingdale, and New York Institute of Technology

\$2.5 million to renovate and expand their engineering classrooms, labs, and teaching environments.



**Stony Brook
University**

From 2011 to 2016, engineering enrollments increased more than 45 percent at each institution, and grew 64 percent overall (from 3,112 to 5,113 students). In 2014, Adelphi University was awarded a \$2.5 million ESD Grant

for a state-of-the-art Nursing Innovation Lab and Training Center with specialized machinery, equipment, furniture, and fixtures. Adelphi complemented these infrastructural enhancements to education quality by creating

NYIT
NEW YORK INSTITUTE
OF TECHNOLOGY



AU **ADELPHI
UNIVERSITY**

eight new high wage full-time positions. A ribbon cutting ceremony was held on December 12, 2016 to officially open the building.

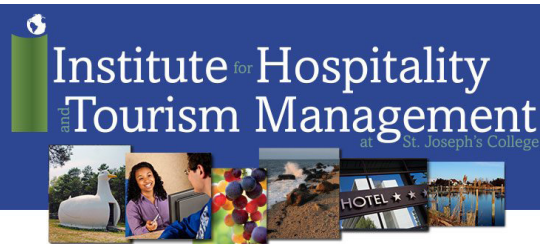
LIU

LIREDC support has created continuities between institutions of higher learning and the domains of entrepreneurship. In Round 4, Long Island University was awarded a \$500,000 ESD Grant to support renovation of a new Innovation and Entrepreneurship Technology Park incubator located on the Brookville campus. The project currently accommodates two START-UP NY tech companies. In 2015, Hofstra University received an \$800,000

ESD grant to acquire and renovate a vacant Army Reserve Center into an interdisciplinary Education Workforce and Leadership Training Center with high-tech classrooms, offices, and convertible conference-style spaces. The technology park opened at the beginning of this year.

H **HOFSTRA
UNIVERSITY**

WHAT WE'RE DOING ...



St. Joseph's College won an \$800,000 ESD Grant to create a Center for Hospitality and Tourism Management (HTM) with eight new positions. HTM is meeting an urgent need for hospitality professionals – not just in the tourism industry but also in fields like healthcare, where patient satisfaction affects reimbursement. In 2015, St. Joe's was awarded a DOL Special Populations Training Grant of \$50,000 to aid

un/underemployed residents at the Huntington Opportunity Resource Center (HORC) in Huntington Station. In its first year, the Center logged 1,867 client visits with that number growing daily. To date, faculty, industry professionals, and other volunteers have provided limited one-day evening seminars designed to motivate and groom HORC clients for employment.

Non-profit organizations and for-profit groups have played a vital role in offering training to veterans. **The United Way of Long Island VetsBuild** project received \$200,000 to provide vets with the high-demand occupational skills they need to qualify for well-paying jobs. UWLI trained 80 students over two years, and 65 graduates secured full-time employment in construction. Veterans developed specific competencies in green construction; a field the Bureau of Labor Statistics anticipates will grow 34% over the next four years, and boasts a median wage of \$57,180.



East/West Industries, which designs and manufactures products for aircrews, was awarded an ESD Grant for productivity-increasing new machinery and facility renovations. The company held a ribbon-cutting on June 22, 2017, and announced that they had exceeded their initial job commitments from 5 to 25.

Round Seven Priority Projects: Workforce and Education

This year, we will continue to bridge that skills gap through the development of innovative programming for students from K-12 to college:

The Center for Science, Teaching, and Learning will create Community STEM Centers (CSCs) in Westbury (Long Island's 2016 DRI), South Huntington, Wyandanch, Roosevelt, Central Islip, Amityville, Franklin Square, Nassau Community College (Hempstead Schools), and Brentwood. CSTL is working with local high schools, colleges, and Big Brothers, Big Sisters to secure space in each community. The centers will bring STEM out of the school day, and CSTL staff – together with community and school reps – will develop these spaces to include a Maker Space, computer labs, 3-D printers, and science equipment. Driven by grassroots community planning, each space will offer opportunities for exposure to and training for STEM job opportunities, as well as teacher training and afterschool/summer programming.



WHAT WE'RE DOING ...



Eastern Suffolk BOCES in Patchogue, Western Suffolk BOCES in Deer Park, and the Long Island School of Nursing Assistants will deliver a Certified Nurse Assistant (CNA) program to 52 participants. The programs will cover basic bedside nursing care, nutritional needs, measuring blood pressure, obtaining temperatures, pulse and respiration procedures, medical ethics, aseptic techniques and clinical supervision. Graduates will be eligible to take the Nurse Aide Evaluation Examination and be listed in the NYS registry. The Suffolk County Development of Labor has made

hundreds of contacts with healthcare related companies, unions and associations to identify immediate employment opportunities where these individuals reside. It is expected that 42 of the participants (80%) will graduate and obtain state certification as a Certified Nurse Assistant and potential for additional certifications as described above and 32 (75%) of those that graduate and obtain a certificate will enter training related employment.

Farmingdale State College will create three new virtual/augmented reality-equipped labs for its Interaction Design, Visual Communications, Computer Programming and Information Systems, Architectural Engineering Technology, Construction Management, Security Systems and Software Engineering Technology programs, which currently serve 849 students. This technology will allow students to practice in situations that closely mirror the real world, and allow in-person and remote students to meet in 3D environments. In phase 2 of this project, FSC will install web streaming technology for online course delivery.

**Farmingdale
State College**
State University of New York

The LIREDC will also leverage private-sector investment to expand employment and training opportunities within our **manufacturing sector**. LIREDC will support a broad cross-section of manufacturing, including the machining, green energy, advance defense, and food processing subsectors with capital investments and job training:



Thuro Metal Products is a family-owned business in Brentwood that employs 54 and provides machined parts for a wide range of industries, including health care. Thuro plans to purchase new CNC machines so the company can expand on the Island, retaining its existing workforce and add two employees. Thuro is also requesting NYS DOL Existing Worker Training funds to support training for 51 employees in critical skills that will improve company productivity.

Curtiss Wright- Target Rock is an advanced defense manufacturing leader in Farmingdale that seeks to train mid-level workers with new skills— including courses in Microsoft Project, Project Leadership, Root Cause Analysis and Team Collaboration Training, to be offered at Curtiss Wright headquarters and at **Stony Brook University**. By reducing waste and improving productivity, the company will be able to face competitive pressures and retain its workforce on Long Island.

**CURTISS -
WRIGHT**

Abel and Schafer Inc.



Abel and Schafer, located in Ronkonkoma, provides the baking industry with high quality mixes and bases. This is an existing employee training program meant to develop a targeted set of skills. This training program will deliver employee skills development in operations management, lean manufacturing, Six Sigma Quality Management and Improvement, and Business Finance Project Management SQF. The industry is projected to grow, and this training program will enable Abel and Schafer to become more competitive and capture market share.

WHAT WE'RE DOING ...

We will support the **biotech/health care industries**, which we identified as our major industry cluster in Round Five, and fill the growing number of highly skilled jobs:

Luitpold Pharmaceuticals, Inc., located on Eastern Long Island, employs 523 and seeks state support for training its incumbent workers at its Shirley location in leadership skills, project planning and control, business writing skills, and process improvement teams.



Funding would help the region retain these jobs and support Luitpold's global competitiveness, efficiency, and quality production.



NYU Winthrop Hospital has selected 93 medical billers for a three-day, on-site incumbent worker training as Certified Professional Coders (CPC) who bill insurance carriers for patient visits at 70 medical practices. Trainees will become certified coding experts, empowering them to work autonomously and correct coding errors, improving productivity and

streamlining the coding and billing process. Trainees will complete 3 days of instructor-led training, individual and group exercises, live coding scenarios, exam taking techniques, and a mock exam. Upon completion, trainees will take AAPC's CPC exam within 4 weeks. It is anticipated that all 93 trainees will successfully complete the program and achieve the CPC designation. Trainees will be considered for promotion as positions become available. CPC skills are transferable to any healthcare setting.

The Town of Oyster Bay, North Hempstead, and City of Glen Cove Workforce Development Board (WDB) aims to close the healthcare sector skills gap between employer demands and workforce supply. The Town proposes to fund training and books for unemployed workers to complete either Medical Office Administration or Medical Billing Specialist programs at Hunter Business School in Levittown. The Medical Office Administration program offers a blend of classroom and hands-on training. Students learn data entry of patient information, patient files, filing systems and records, billing and coding, and accounting using Quickbooks. The program prepares students for entry-level employment in medical billing and coding in hospitals, medical insurance companies, and physicians' offices. Skills acquired in both programs are in high demand. Upon completion of the program, Northwell Health and several other employers will interview trainees for entry-level clerical positions with career pathways.



Finally, programs will train **workers who face barriers** to employment:



Stony Brook University will offer training to its staff and faculty on Project Leadership Workshop, Finance for Non-Financial Managers, and Effective Writing for Business. These key skills will help SBU's staff and faculty provide a better education to students, including non-matriculated students referred by local workforce intermediaries (DoL, WDBs) and Veterans Affairs. Many of these referrals face employment barriers, and the training will teach our staff and faculty how to provide guidance and serve these students.

WHAT WE'RE DOING ...

We Connect the Dots, Laurie Carey Consulting, the Royal Institute for Medical Training, and Savvy Hires will partner with tech firms to create a continuum of services in a new lab and training facility located in Westbury. The initiative supports un/underemployed workers, minorities, low income families, women, veterans, caregivers returning to the workforce and high school students seeking a school-to-work educational plan. The varied offerings will include training in the IT, web, software development, and cybersecurity fields; formal Microsoft certifications, which double as college credit; medical industry certifications; and STREAM career exposure for 13-18 year-olds. Savvy Hires will assist those who complete trainings with job and apprenticeship interviews and placement. The space will feature resident corporations, which provide equipment currently used in their industries to fully outfit each lab.



The Utility Readiness for Gaining Employment for Non Traditionals (URGENT) program will provide classroom instruction and workshops to un/underemployed individuals seeking entry-level, field positions in the utility industry. Through a partnership established among National Grid, PSEG-LI, American Water New York, local Workforce Development Boards for the Town of Hempstead and Town of Oyster Bay and WDI, the first URGENT Program targeting women was conducted in Spring 2017. The pilot was successful: 21 of 23 enrollees graduated, a 90 percent completion rate, all of whom secured certificates in Energy Industry Fundamentals and OSHA 10. Students who passed the requisite exam were guaranteed an interview for any posted job. So far 12 job offers have been made. The URGENT partnership (which will now include Con Edison and Suffolk Water Authority) plans to offer seven training cycles over the next 2.5 years using public and private support. Each cycle will consist of 133 hours of classroom instruction, including onsite visits to employer partners, industry-led workshops, math courses, OSHA 10, EIF, and employability workshops. In addition to women, URGENT will target vets and unemployed youth ages 18-24.



The Town of Hempstead Department of Occupational Resources will equip eligible trainees with the skills and credentials necessary to advance along career pathways in growth sectors as identified by the LIREDDC Strategic Plan and by the NYSDoL Significant Industries inventory. The program will operate at HempsteadWorks Career Center in Hempstead, which offers wrap-around services, including assessment, individual employment plans, supportive services, career counseling, career development workshops, computer skills workshops, and basic skills remediation; classroom training is provided by local colleges, BOCES and proprietary schools. The project will train 78

individuals, including at least 10 veterans, with the expectation that approximately 80% will enter employment. Not only does this project support the REDC's priority of "training the workforce for today and tomorrow," it will also build upon successful sectoral training initiatives for careers developed and implemented by local Workforce Development Boards.

WHAT WE'RE DOING ...

From the beginning, the Key Strategy cited at the opening of this work group report has been listed as one of our top strategies. And it is no secret why: Workforce training and education is at the heart of our efforts to create an inclusive “opportunity economy” that helps workers and businesses tap their full potential and realize their dreams. Now that Long Island has managed to create more jobs than it currently is filling, according to industry leaders, the LIREDC sees its new Job One as closing the employment skills gap by encouraging a broad range of training and education programs. We believe we are off to a great start.



WHAT WE'RE DOING ...



WYLE SOLOMON
CHIEF EXECUTIVE OFFICER
iCELL GENE THERAPEUTICS

Wyle Solomon epitomizes a growing number of global research stars – make that superstars – who are attracted to Long Island for its extraordinary and growing resources in biotech. Solomon was previously a partner at Nordic Biotech ApS, a Danish Venture Capital Firm, served as President, CEO and/or Founder of several companies and Executive Chairman of Forward Pharma A/S (Denmark, Nasdaq: FWP) and Esplanade Pharma Group Limited (Hong Kong). These are just a few of his prestigious positions in the US and around the world.

But Solomon was enticed to explore opportunities on Long Island after hearing about the unique, potentially life-saving work being performed at research centers affiliated with Stony Brook University's Center for Biotechnology. "The Center's Bio-Entrepreneur in Residence program introduces experienced executives to researchers and early stage companies looking to translate their inventions to clinical and commercial successes," said Solomon. "I planned to spend months assessing potential technologies in Long Island and beyond before deciding on my next move. But I became enthralled by one of the first introductions, a company developing advanced cell therapeutics. That has been my focus ever since."

Operating at the Long Island High Technology Incubator (LIHTI), iCell Gene Therapeutics captured Solomon's imagination as a company creating futuristic technology being worked on by an exceptional group of research professionals – and with strong commercial, job-creating potential. The company is currently developing Chimeric Antigen Receptor (CAR) engineered cell therapeutics, a technology that had just transitioned from being considered science fiction when Solomon joined the iCell Gene Therapeutics team a year ago as CEO. More recently, the value of CAR therapies is increasingly appreciated for the curative potential for patients considered to have un-treatable hematological cancers. The partnership between iCell Gene Therapeutics and Stony Brook has incredible momentum in advanced therapy research and development – and for promoting Long Island's burgeoning biotech cluster.

INNOVATION AND INDUSTRY CLUSTERS

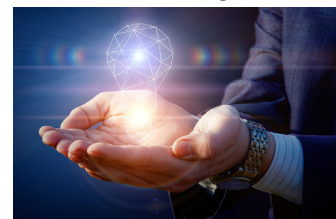
Long Island is committed to creating a collaborative climate for entrepreneurs and researchers that nurtures rapid growth in biosciences and other innovation enterprises.



KEY STRATEGY: Identify and support industry clusters, especially biotechnology, that possess the potential to bring together researchers, educators, investors, manufacturers, and others in a collaborative effort to accelerate the commercialization of technical and scientific discovery and generate jobs at every rung of the employment ladder.

Long Island: An Innovation Ecosystem

Investments in the tremendous research infrastructure at our world-renowned academic institutions, coupled with an entrepreneurial bioscience industry poised for exponential growth, has led to the rise of an innovation ecosystem on Long Island. The LIRED C is committed to nurturing this environment – enriched by cutting-edge discovery at Cold Spring Harbor Labs, Feinstein Institute, Stony Brook University, Winthrop University Hospital, Brookhaven National Labs and other leading research institutions by bringing together scientists, investors, established businesses and other economic drivers. The Regional Council process has put the leadership of these institutions around the same table and generated a new dialogue and fresh ideas on how to harness our technology clusters to form new businesses.



Strategy: Increase supply of trained employees

A diversified pipeline of well-trained workers is necessary to fuel a thriving innovation economy. Long Island continues to make great strides in educating and training a talented 21st Century STEM workforce that quickly translates their classroom knowledge and hands-on learning experiences into entrepreneurial success stories. These workers are educated on Long Island by innovators, create their own innovative businesses and subsequently, educate a new generation of innovators.

The Bio-Entrepreneurs in Residence program at Stony Brook's Center for BioTechnology is a strong example of this innovation ecosystem. Several of the Bio-Entrepreneurs in Residence at the Center, including Andreas Grill (President & CEO of **DepYmedInc.**) and Brian McCarthy (Co-founder, President & CEO of **Presight Technologies Inc.**) received their education from the best and brightest researchers at Stony Brook, subsequently developed their own innovative companies, and now help educate and advise entrepreneurs on the rise.

WHAT WE'RE DOING ...

Strategy: Strengthen the innovation and discovery pipeline



Collaboration is happening throughout the region. Working with **Northwell's Feinstein Institute for Medical Research** and the **The Zucker School of Medicine at Hofstra/Northwell**, physicians, researchers and students are working together across disciplines and generations to accelerate biomedical science.

Winthrop-University Hospital and **NYU Langone Health System** announced in April 2017 they will join forces creating a clinically integrated healthcare network spanning NYC and LI. NYU Winthrop Hospital has been an important driver for our biotech strategies and was awarded two Regional Council grants totaling \$2.5 million for a now completed research institute focusing on diabetes and obesity in Mineola. Winthrop combining with NYU Langone supports our strategy to foster new collaboration among the top life science institutions downstate.



DONALD AND BARBARA
ZUCKER SCHOOL of MEDICINE
AT HOFSTRA/NORTHWELL

Cold Spring Harbor Lab will soon be home to one of the nation's most innovative centers to integrate biology and human genomics with chemistry and protein data. **The Center for Therapeutics Research** will attract world-leading chemists who take targets produced from biologists and refine them for next-generation therapies, which will form the basis of new partnerships with the pharmaceutical industry. The ultimate goal of this mission-driven facility is to develop the most advanced drug compounds that are targeted to the underlying biological pathway. This \$25 million State-funded project involves the complete reconstruction of the existing building, the construction of a three-story addition on its east side and a new mechanical basement on the west side.



state grant for a new institute where medical devices and treatments will be developed and commercialized. The funding will be used to construct a 70,000-square-foot building to be used by the Institute for Discovery and **Innovation in Medicine & Engineering**, or **I-DIME**. The facility will provide a place where cutting edge academic research and data analytic support come together with private-sector ingenuity to solve challenging problems. I-DIME will serve as a magnet for companies and will result in the development of new products and markets.

Stony Brook University was recently awarded a \$75 million



WHAT WE'RE DOING ...



Stony Brook Medicine

At **Stony Brook Medicine**, medical researchers have made leaps and bounds in the past year. Two Stony Brook University cell biologists, David Matus and Benjamin Martin, have discovered that cell division and invasion are mutually exclusive behaviors. The discovery leads to a better understanding of how tumors are spread, helping scientists design new drugs that attack cancer cells. The Regional Council has supported these types of efforts including funding in Round Five for Stony Brook's new Cryo Electron microscope. This \$4M investment allows researchers to see, at extraordinary magnification, molecules that are studied in drug discovery. Investments like this also support a workforce development

strategy. The region strives to prepare young people for careers in medicine, pharma and research so access to world class research equipment becomes an important teaching tool.



**Biofluids
Research
Group**

Revolutionizing medicine, Danny Bluestein, a professor of biomedical engineering and the director of **Biofluids Research Group**, is working on optimizing and testing cardio vascular prosthetic devices using *in silico* computer simulations with benchtop lab testing. Stony Brook researcher Milutin Stanacevic is working on an electronic pill that one day will be able to communicate with doctors from inside the patient's body.

Cold Spring Harbor Lab recently celebrated the FDA approval of Spinraza a drug based on CSHL insights into alternative RNA splicing used to treat spinal muscular atrophy, a childhood neurodegenerative disease. These examples are merely snapshots of the vast and diverse scientific research being conducted on Long Island, which has tremendous promise to lead to the greatest advances in medicine and technology of the 21st Century.



WHAT WE'RE DOING ...



TIFFANY TSUI
DIRECTOR OF OPERATIONS
ENVISAGENICS

Tiffany Tsui, Director of Operations for Envisagenics Inc., is a successful product of Long Island's innovation ecosystem. Additionally, her career highlights the diverse opportunities for job seekers in biotech. Tsui received her doctorate in Molecular and Cellular Pharmacology from Stony Brook University, immersing herself in the fundamentals of the bioscience industry as a fellow at the school's Center for Biotechnology.

Upon completing an internship at Envisagenics as a full-fledged member of Long Island's research community, Tsui was hired by the biotech company as Director of Operations. Envisagenics is a bioinformatics company that spun out of Cold Spring Harbor Laboratory (CSHL). The company's mission is to reduce the complexity of biomedical data to facilitate the development of innovative therapeutic solutions.

"Long Island has a tremendous amount of resources for start-up companies which include well-respected research institutions and an extremely supportive community of entrepreneurs who are more than happy to mentor and share their experiences to budding entrepreneurs in the region," said Tsui. "I know that Envisagenics leveraged many of these key resources along our path to success and we remain well connected to our network on Long Island."

Envisagenics envisions a future in which computerized predictive models will lower time and cost of drug development. Tsui is tasked with many atypical STEM field job duties, including streamlining operational functions such as best practices for managing budgets and human resource benefits, preparing materials for investor meetings, and managing talent recruitment.

Continuing to grow exponentially, Envisagenics recently moved out of CSHL on Long Island and into Manhattan. This move symbolizes Long Island's leadership role in New York State, taking on a big picture view of helping to foster not just the Long Island economy, but the regional biotech economy.

"We frequently communicate with Cold Spring Harbor and continue to collaborate with the researchers working at the Long Island lab we spun out of. The conversation surrounding biotech success should not be about 'Long Island' verses 'Manhattan'... it should be about working as a team to make New York the number one biotech region in the country."

Strategy: Grow and Retain Business

The Long Island Bioscience Hub, dedicated to the commercialization of biomedical innovations, fostering company formation and accelerating bioscience industry growth, represents both the thirst for biotech innovation on Long Island and the growing economic success of the biotech industry in our region. LIBH has an estimated annual economic impact of \$80 million in creating jobs and forming companies that are revolutionizing biomedicine and biotechnology.

Recent Highlights of Company Formation



Commercializing novel drug candidates for the treatment of inflammatory diseases and related conditions affecting humans and companion animals. Raised \$2M in 2016.



Developing a cancer therapeutic for HER2-positive breast cancer. Raised \$2M in 2016.

Marvel Genomics

Using high throughput, cost-effective method of identifying de novo and inherited copy number variants in Autism Spectrum Disorders and other diseases. SBIR/STTR fuding pending.



Expanding the commercial distribution and research use of short hairpin RNA (shRNA), a versatile biomedical research and drug discovery tool invented at Cold Spring Harbor Laboratory.



Developing therapeutic treatments for neurological rare diseases such as Charcot-Marie-Tooth Disease, Rett Syndrome, and Fragile X syndrome. SBIR/STTR fuding pending.



Developing Chimeric Antigen Receptor (CAR) engineered cells that target multiple types of cancer with very poor prognoses and clear unmet medical need.



Developing diagnostic biomarkers to guide the most effective therapeutic approach for cancer treatment. Sales of research products ongoing.

MicroRid Technologies

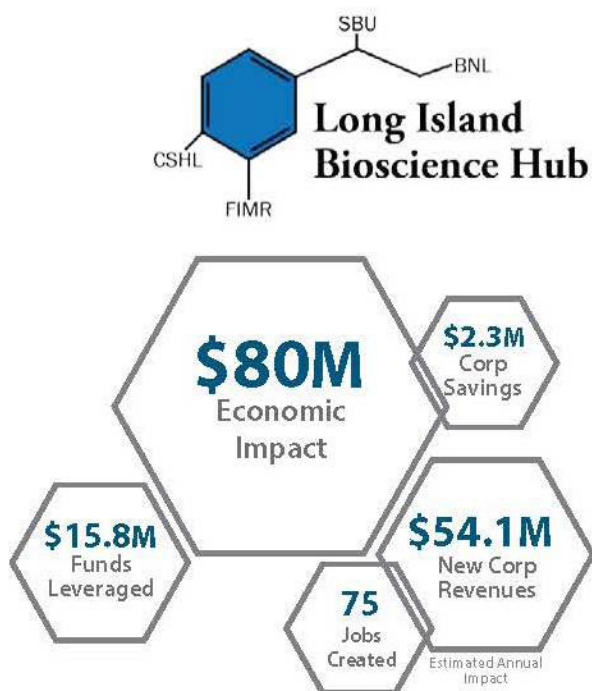
Developing small-molecule antifungal drugs. SBIR/STTR fuding pending.

ZHANGEN TECHNOLOGIES

Developing a small-molecule therapeutic treatment for Myelodysplastic syndromes (MDS).

Emblematic of the organic expansion of Long Island's innovation ecosystem into our neighboring regions, LIBH's success has prompted LIREDC to support the creation of the **New York Bioscience Hub (NYBH)** as an effective platform to accelerate the development of academic innovations into new biomedical products and companies across the downstate region. LIBH continues to disrupt the frustrating exodus of locally discovered biomedical innovations to industry clusters outside New York State by providing the infrastructure for early stage development and commercialization within the region. The NYBH expansion will foster strategic partnerships between the downstate bioscience industry leaders, fuel company formation and job creation, and attract inbound investment – elevating the biotech industry in our region to the next level of success.

WHAT WE'RE DOING ...



It is not just the Bioscience Hub that is trying to link the downstate region as a formidable force in life sciences. A tri-region effort, which last year brought together Long Island, New York City and Mid-Hudson, has begun to create a powerful research corridor by harnessing regional leadership, research institutions and life science companies. The vision is that "three is stronger than one" when it comes to attracting venture capital, attracting federal research dollars, collaborating on research and technology commercialization and supporting a biotech cluster in downstate New York. This fledgling initiative has moved quickly from an idea to an invitation for participation by research leaders and companies like Regeneron in Westchester, Alexandria Center for Life Science in New York and BioBat at the Brooklyn Army Terminal, and Stony Brook University, Cold Spring Harbor Labs, The Feinstein Institute and Brookhaven Labs.

Meanwhile, the **Manufacturing and Technology Resource Consortium** is up and running at Stony Brook University,

collaborating with colleges and institutions throughout the region to improve the skillsets and knowledge of entrepreneurs, researchers and other members of our workforce. Funded by ESD's NYSTAR division, MTRC has worked with over 50 companies in our region, supporting our priority industry cluster: biotechnology. MTRC has issued over \$330,000 in supplemental awards to Long Island's small to medium-sized manufacturing companies engaged in research, continuous improvement, product development and technology acceleration, as well as workforce training. MTRC supports small and midsize manufacturers.



Furthermore, coordinated government efforts are underway to learn more about how to assist biotech entrepreneurs on Long Island. For instance, the **Suffolk County Industrial Development Agency** held two forums with life science company leadership. Each forum included approximately 15 life science companies that were encouraged to share ideas in which Suffolk could help the companies create jobs and grow their business. Follow up meetings are currently being scheduled.

WHAT WE'RE DOING ...



SHARON KLUGEWICZ
CHEMBIO DIAGNOSTICS
SYSTEM INC.

Sharon Klugewicz serves as an excellent example of Long Island's organic, economic ecosystem of innovative leaders who are educated on Long Island, go on to lead innovative businesses on Long Island, and subsequently serve as mentors to a new generation of innovators.

Sharon also is an inspiration to women seeking executive careers in high-tech.

Sharon joined Chembio Diagnostic Systems, Inc. in September 2012 and serves as President, Americas Region. In this role she is responsible for driving regional sales, global marketing, customer service, and has oversight of the quality assurance & regulatory affairs functions.

Klugewicz joined Chembio as Vice President, QA/QC, and immediately moved into the role as Chief Operating Officer, where she led Manufacturing Operations, Quality Systems, Product Development, and Regulatory Affairs. Prior to joining the Medford based diagnostics company, Klugewicz served as Sr. Vice President of Scientific & Laboratory Services at Pall Corporation (based in Port Washington, and later acquired by Danaher Corporation). She previously held executive leadership positions in the Pall Life Sciences Division, including Global Quality Operations, Field Technical Services, Marketing, and Product Management.

Klugewicz received a B.S. in Neurobiology from Stony Brook University and a M.S. in Biochemistry from Adelphi University. In addition to her example as a product of our innovation ecosystem, Sharon's responsibilities as President, Americas Region, of Chembio, and previously as COO, highlight the opportunities in biotech for experts in fields beyond basic research – such as Marketing and Product Portfolio Management, Quality Systems, Manufacturing Operations, and Product Development.

She also highlights the possibilities for successful women in technology.

Strategy: Recruit a “Big Dog” Pharma Company

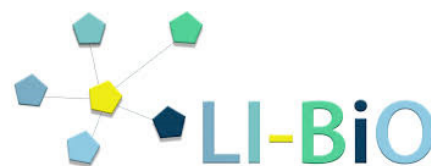
Stony Brook will soon house an **Innovation & Discovery Center**. The Center was conceived in the design of a mezzanine structure to promote growth of start-up businesses and attract innovative new companies in the areas of biotechnology, information technology, electronics, and advanced materials and processing. It provides an infrastructure that helps Stony Brook incubator companies to step up to the “next level” before entering the open market, facilitating success and fostering well-paying new job opportunities.

The Innovation & Discovery Center will also foster collaboration with large strategic companies, including big foreign biotech firms that have a foothold in New York and are in need of innovative satellite office space and access to a diverse pipeline of STEM workers in close proximity to Manhattan. A groundbreaking is scheduled for fall 2017.

The work of the **Long Island Association's LI-Bio Initiative** also will assist in the recruitment of large pharmaceutical companies. LI-Bio has met periodically since its inception last year, bringing together various companies in the industry to network and share ideas for the continued development of an innovation economy in the region. The committee is currently working on several initiatives to increase partnerships and provide resources.



Over at the **Broad Hollow Bioscience Park** at **Farmingdale State College**, commercial real-estate broker, Jones Lang LaSalle, was hired in March to market the 62,000 square foot facility. The 3 Bioscience Park facility, 40,500 square feet, could be nearly fully leased by the end of the year as Broad Hollow has a number of tenants in the process of finalizing agreements.



WHAT WE'RE DOING ...

Strategy: Increase financial resources for biotech

Long Island applauds Governor Cuomo for announcing a groundbreaking \$620 million initiative to spur growth of a new, world-class life science research cluster in New York as well as expanding the state's ability to commercialize this research and grow the economy. Our Long Island biotech leaders are in midst of putting together strong proposals for this funding, including the aforementioned New York Bioscience Hub.

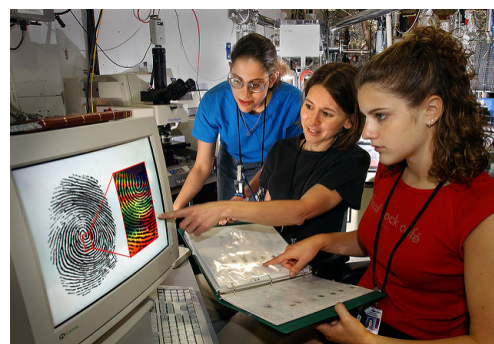
Cryo-Electron Microscopy



In April 2017, New York State announced an investment of \$15 million in funding for a **Cryo-Electron Microscopy** (CryoEM) Facility to be located at Brookhaven National Labs. Establishing a CryoEM Facility will provide a foundation for our growing biotech industry. Combining the full suite of capabilities with Brookhaven Lab's expertise in data and instrument development will dramatically accelerate the determination of biostructures that are key to such things as battling against disease.

With federal funding support from the **Department of Energy**, upgrades to BNL's isotope production and research facility has increased the yield of key medical isotopes, which very well could lead to the cure for many forms of cancer, including leukemia and melanoma. Federally funded research at BNL has also led Long Island scientists to make recent major advances that could spur increased production of biofuels and other sustainable plant based products.

The Long Island Bioscience Hub (LIBH) announced \$400,000 in total funding for five new projects including researchers exploring technologies for life threatening blood infections, a novel therapeutic for the treatment of colorectal cancer, and a next-generation medical imaging tool with applications in mammography.



Strategy: Bolster efforts to manufacture more biotech products

Leaders in government, academia and private industry are constantly seeking opportunities to increase the manufacturing of biotech products on Long Island in addition to boosting biotech agriculture efforts.

Kelp is a unique and innovative area of manufacturing that Long Island is exploring that directly connects to boosting our biotech industry. The crop cultivated from the Peconic Bay is a huge potential money maker with an intriguing bounty of benefits. In addition to being a healthy culinary craze touted from Asia all the way to the British Isles, kelp works as a sponge to clean waters suffocating in nitrogen, phosphorus and carbon. The seafaring crop's popularity has caught the eye of Suffolk County, which has approved a carefully regulated kelp harvesting pilot program in the hopes of creating jobs, boosting biotech agriculture efforts and simultaneously cleaning the waterways.

Strategy: Create economic incentives tailored to biotech need.

In 2017, **Accelerate Long Island** launched its second venture fund. Funded by a partnership with ESD, ALI is investing in startups founded on emerging technologies. Research universities are the primary source of deal flow and Stony Brook is certainly high on the list with several companies utilizing Stony Brook inventions currently under consideration. Over 2-3 years, ALI will invest in 20-25 companies. These emerging growth companies bring with them exceptionally high job growth multipliers and are prized contributors to economic development.



WHAT WE'RE DOING ...

It is not only biotechnology getting all of our attention:

A strong ecosystem means that no sector is ignored and we recognize that the scientist researching molecules in a lab is no more or less important to our region than the worker creating new code to improve software platforms. We are supporting a myriad of industry clusters that develop products, offer technology services and enhance our tradeable sectors. In fact when we selected biotechnology two years ago it was immediately recognized that multiple clusters related to, and supported, our life sciences industry. It is the IT staffer working on big data labs who communicates with the scientist in the lab. It is the craftsman metal bender working in manufacturing plants creating the metal housing of a new medical device. It would be impossible (and short-sighted) to ignore the inter-relationship of our tech and manufacturing sectors on Long Island and we have put our precious dollars into projects that support more than just life sciences.

The big data scientist working at Brookhaven Labs could tomorrow be working on defense and aerospace products. It is that inextricable relationship among clusters that resulted in the state funding for projects like **NeuLion** that will create new IT jobs in Melville, **WebAir** whose IT company will expand in Garden City - in a former building that once housed Doubleday Publishing - or **LBI Software Inc.** whose IT technicians create software used by major league baseball. The region is supporting other clusters like electronics and communication, and funded projects for **L3 Communications** in Hauppauge and **Comtech** in Melville. Creating new jobs for skilled workers in multiple industries strengthens our economy and it makes a downturn in one cluster much less impactful. We witnessed 20 years ago how being too dependent on a single sector - defense - could devastate the regional economy.



communications



Investments to support non-biotech clusters are seen in last year's funding for a food incubator at Old Bethpage and this year's funding for Wyandanch's Digital Ball Park to be located at Wyandanch Rising. Space for new IT start up companies in the midst of what was Long Island's most distressed community will support our Opportunity Agenda and our premise in 2011 that Wyandanch is deserving of investment and can be a model for transit oriented space where people can live, work and play.

And finally, as you will see in our Workforce and Education Work Group's report, we also believe that just as not only biosciences are getting our attention neither are only PhD's and engineers. We have been careful to ensure that our innovation ecosystem includes people with a variety of skillsets and a diversity of backgrounds. No matter how sophisticated the industry, there is a place for every Long Islander and a potential center of excellence in every community.

Long Island's expanding innovation ecosystem is nurturing the commercialization of discovery with partnerships among major research institutions and corporations that would not be possible without the collaborative environment fostered by the LIREDC. The key is accelerated job creation that not only transforms the prospects of an economy but thousands of families now benefitting from a better financial future.

WHAT WE'RE DOING ...

Round Seven Priority Projects: Innovation



Cold
Spring
Harbor
Laboratory

Cold Spring Harbor Labs. The world-renowned research center is seeking funding for a vital screening microscope to maximize the capabilities of CSHL's Cryo-Electron Microscope (Cryo-EM). The work being done in this facility will enhance our understanding of biological structures and in the future lead to the development of effective therapeutics for cancer and neurodegenerative disorders such as Alzheimer's and Parkinson's disease. CSHL purchased a Cryo-EM in 2017 to strengthen its

research capabilities. A screening microscope will be utilized prior to the Cryo-EM and will help prepare the samples for viewing so they are in their best condition. The precious time saved will allow the maximum number of scientists to use the Cryo-EM and also facilitate training, advancing strategies for innovation, industry clusters and workforce development.

Feinstein Institute for Medical Research. Northwell Health, of which Feinstein is a part, has positioned itself to become the nation's leader in translational genetics and genomics. Northwell will unify its academic and clinical missions by building upon its research programs and clinical divisions, its new strategic alliance with Cold Spring Harbor Laboratory, its innovative The Zucker School of Medicine at Hofstra/Northwell, and the tremendous ethnic diversity of people the health system serves and employs. Ultimately, genomics will be part of every patient visit. Thus, Feinstein needs a high-speed network and hardware, and an intellectual critical mass. To improve data sharing and increase data transmission speeds, Northwell Health is planning to establish the Computational Genomics Center. These resources, in turn, will allow Feinstein to recruit a new team to investigate the genetics of cancer risk and response to therapy. The team also will facilitate collaborations with Northwell Cancer Institute, Cohen's Children's Medical Center, Cold Spring Harbor, Hofstra, and the New York Genome Center. The research is hoped to lead to new clinical protocols, diagnostics, and therapeutics.



Feinstein Institute
for Medical Research
Northwell Health™



Enzo. A pioneer in genetic testing with its 41 years in New York State, Enzo develops technology, manufactures products and provides diagnostic services, including a clinical lab on Long Island. To remain competitive in that location, and tap more deeply into an \$8 billion market, Enzo will create a clinical facility with a focus on pre- and post-natal genetic testing. This means the testing will no longer be done at its California facility, effectively transferring jobs and revenues to Long Island and

insuring the sustainability of its NY operations. New York will also benefit from the local availability of this specialty testing for healthcare professionals. The project will require an expansion of its current and acquisition of specific sophisticated equipment to run the tests.

Eastern Wholesale Fence. The overall goal of this project is to increase manufacturing innovation and efficiency by blending resins on Long Island instead of procuring it from out of state suppliers. Essential to the strategy of in-house production is construction of a state of the art PVC resin blending operation that will allow Eastern to, in effect, "bring home" jobs from Texas since the firm would be producing the 40 million pounds of PVC resin on Long Island. PVC resin blending is a critical to increasing sales, capturing additional market share and allowing the company to reinvest in and expand on Long Island. It also will be able to develop innovative products such as foam deck and board



WHAT WE'RE DOING ...

extrusions and to provide blended resin to several other NYS businesses that currently purchase PVC resin from out of state suppliers. These companies will be able to buy PVC at much lower costs, enabling them to be more competitive nationally and globally. The project will mean 30 new jobs at Eastern alone.



AUTRONIC PLASTICS, INC.

Autronics Plastics. This project includes the renovation of a 20,000 square foot section of the plant to create a metal fabrication department. Reconditioning the space and adding other amenities will allow Autronics, which already provides LED lighting for NYC transit agencies, to seek

new business and create additional jobs by providing wireway and metal components for subway station and tunnel renovation. API has already received purchase orders for some of these projects. The outcome will be a state-of-the-art metal fabrication facility to complement its injection molding, tool building, and electronic assembly and become an integrated LED luminaire/fixture manufacturer.

Graphene 3D Labs. The company specializes in advance materials with an existing product line of 3D conductive printing materials and conductive epoxies. This project, which fits with our strategies of promoting cutting-edge manufacturing on Long Island, will help further the plans to expand to new product lines in advance materials for injection molding. They are planning to move from a small space in the Calverton business incubator to a larger space to create a manufacturing facility. We see this as part of promoting our innovation ecosystem by assisting a promising firm from incubation to production.



Johnson and Hoffman. In the past, J&H has mostly built products for the automotive industry but, with the assistance of New York State, the company will look to grow its non-automotive business over the next several years into a variety of cutting edge sectors. The company will use these investments to add jobs, provide training and invest in new manufacturing equipment and

new tools for production. J&H expects not only to retain its existing workforce of 65 but add 25 new jobs to produce non-automotive products.



WHAT WE'RE DOING ...



DAVE KAPELL

FORMER MAYOR VILLAGE OF GREENPORT

Sometimes you get one shot, and years of experience in local government and regional engagement had prepared Dave Kapell for his "moment" in December 2015 when he literally cornered Governor Cuomo at a statehouse reception for regional economic development councils.

Dave wanted the Governor to support nothing less than a \$2 billion investment in a third track for the Long Island Rail Road's main line. Dave told him the additional track would generate many billions more in economic activity by shortening travel times, encouraging reverse commuting, and accelerating long-overdue safety improvements. Dave, a former well-respected mayor of Greenport and graduate of Harvard's Kennedy School of Government, also said the third track would go hand in hand with transit-oriented redevelopment initiatives in village downtowns.

As Governor Cuomo would tell it, Dave was persuasive – so much so that the governor eventually decided to put his administration behind a push to make the track Long Island's key infrastructure priority for the past two years. And in the spring of 2017, the funds were approved.

"The report made clear to me that the LIRR is the vascular system for economic activity on LI and that the Main Line is the system's clogged artery," Dave said, referring to a 2013 analysis by the Rauch Foundation's Long Island Index that inspired a regional consensus for the transformative project. "But three years after the formation of a Long Island taskforce to gain state approval, it was also clear that more aggressive action was necessary to move the project forward."

Like, approaching a governor at his own party.

Dave acknowledges the importance of the LIREDC in generating support for the third track, including direct involvement by members of the council in reaching out to state lawmakers and the few resistant local officials. In fact, in recognition of LIREDC's role as a regional catalyst, this year Dave joined the council. "We still have so much work to do on Long Island," Dave said, "and the only way to get it done is by working together."

Infrastructure

Placemaking – creating diverse, transit-linked neighborhoods where people can live, work and play – remains a priority for Long Island as we strive to build a sustainably strong "opportunity economy" for young and old alike.



Key Strategy: Rebuild and expand infrastructure to improve job access, revitalize downtowns and transit hubs, speed trade, and attract and retain dynamic regional businesses and highly skilled workers.



Key Strategy: Develop innovation and industry clusters in transformative locations across the region –including downtowns, brownfields and university, research and medical centers - by integrating the smart-growth principles of transit-oriented development and vibrant community life.

A Fierce Urgency

In our first strategic plan, the LIREDC recognized that substantial investments in infrastructure – particularly to strengthen village downtowns with Long Island Rail Road stations – were essential to Long Island's robust growth, and will be indispensable to its revitalization. America's First Suburb, like many of its counterparts around the country, is grappling with the challenges of an aging and outdated transportation system; failing or absent sewers; homogenous and unaffordable housing stock; deteriorating downtowns and commercial areas; and outdated land use policies that often seem to obstruct promising projects more than protect the environment and community character. That's why even as we have recommended a number of projects in the past six years that have paid off in revitalized neighborhoods, including several in our poorest communities, the urgency to invest "smartly" in transportation, rental apartments and other "unsexy" but crucial infrastructure remains just as fierce.

The infrastructure imperative, however, is more than just sewers and apartments. The LIREDC has remained committed to investing in arts facilities and programs that will attract people to downtowns, where access to rail and bus service means fewer cars congesting the roads and more people on Main Street sidewalks. In Riverhead, Patchogue, Westbury, Bay Shore and other villages where residents craved a better day, one of the first transformative improvements was a performance space that brought people downtown to the theater and surrounding restaurants. That's why the LIREDC enthusiastically supported the Long Island Music Hall of Fame in Wyandanch and capital funds for the refurbishment of a theater in Babylon.

WHAT WE'RE DOING ...

Infrastructure is literally the foundation for job creation. We have seen the benefits of our strategies in Wyandanch, Westbury, Glen Cove, Patchogue, Coram and other newly vibrant places. We also know the consequences of slowing down the pipeline of projects: A Long Island suffering from economic stagnation and social dysfunction. Considering the premium we have placed on promoting successful, inclusive places, we are determined not to let that happen.

Placemaking Momentum

Long Island is building more rentals, co-ops, condominiums and other multifamily homes than it has in previous decades. The consensus-building clout of the LIREDC and its influential, engaged members has helped change attitudes about affordable, smart-growth, transit-oriented development in our downtowns. The Council also has “put its money where its mouth is” by investing tens of millions of dollars into mixed use projects with an emphasis on “workforce” rentals. But it’s not enough. Even in a “built environment” where “greenspace” is at a premium, a study by the Long Island Index indicated that Long Island has the potential to add more than 150,000 households in the next 20 years. Good

news – except that if housing construction continues along current trends, we are likely to build less than half of the new housing units needed to meet this demand. And that would mean losing thousands of promising workers, investors and others who can help us grow our economy and diversify our communities.



The argument for more variety – and affordability – in housing stock is strong. With housing prices rising again, more and more communities are beyond the reach of many working people. And surveys indicate that an increasing number of young professional Millennials, as well as aging Baby Boomers, prefer walkable, mixed-use communities with amenities and character. Much of the focus of housing advocates has been on Millennials, who only recently have shown signs of desire for Long Island and other suburbs. But the Baby Boom population, already the predominant economic force in the region, is expected to grow by 50 percent in the next couple of decades and many of them will be looking to downsize from their single-

family homes. If Long Island does not have what they are looking for, especially after they retire and warmer, less expensive places beckon, they will take their incomes, savings and expertise elsewhere. We can’t let that happen.



WHAT WE'RE DOING ...

Progress in Construction

The following projects reflect progress toward LIREDC infrastructure strategies that have helped remake whole communities, creating jobs and even hope where neither had been seen in decades.

Glen Cove

The City of Glen Cove is experiencing a growing population primarily in connection with its downtown and waterfront revitalization efforts. That, in turn, is stimulating an economy that had been sagging for more than a generation. Many new businesses have opened during the past three years, creating jobs in the process. And there is room for more. The LIREDC has designated Glen Cove's downtown and waterfront revitalization area as projects of regional significance. **The New York Metropolitan Transportation Council** (NYMTC) expects Glen Cove to add more than 8,000 people by 2050. The 2010 Long Island Index "Places to Grow" report said the downtown had a high potential for redevelopment, based on the amount of undeveloped land, LIRR ridership, and existing density and mix of uses.



Three new large developments are currently under construction or approved to begin. **The Garvies Point** waterfront, on the north side of Glen Cove Creek, will include 1,110 new residential units. The **Village Square** project, which is located in the Downtown Business Improvement District will have 140 units and the **Villa** project, a few blocks south of the downtown near the Western Gateway, will include 160 new residential units. The synergies should be explosive.

Riverhead

Arts, as well as apartments, are helping to bring back this pivotally-positioned former "market town" at the gateway to the North and South Forks. The look and feel of Riverhead's Main Street is changing with the addition of a theater, aquarium, hotel, art galleries and newly proposed apartment buildings. The LIREDC recognizes the importance of Riverhead's downtown as key to expanding economic opportunity in a community that fell on hard times following the closing of a massive research, development and testing facility for an aerospace firm. Regional and local leaders have struggled over the years to attract investment but signs of momentum are showing up along the key commercial district.



Peconic Crossing is the latest example of a project that will continue to make Riverhead an appealing downtown for tourists and residents alike. Peconic Crossing, developed by the **Community Development Corporation of Long Island**, will create 45 affordable energy-efficient, one- and two-bedroom apartment homes with a preference to artists and households earning up to 60 percent of Area Median Income. This new downtown residence will also assist the area's population previously displaced by Superstorm Sandy, a weather event from which we are still recovering. The LIREDC is always looking for opportunities to help communities recover and build resiliency in ways that create jobs and other economic activity. The complex includes a rooftop terrace overlooking the adjacent Peconic

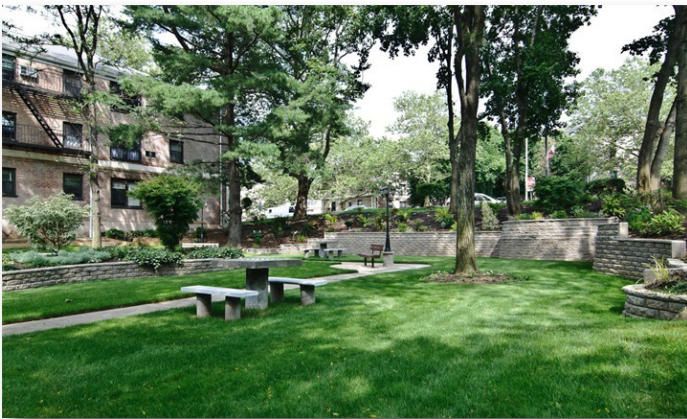
River, a true visual inspiration to the artists in residence. Additionally, the creation of gallery space – supported by the LIREDC – will provide a venue for artists to exhibit their work and meet with peers and potential customers. The project will entice young people, retirees and families seeking arts-based entertainment within a pedestrian setting. Located in the heart of Downtown Riverhead, home to the **East End Arts Council**, Peconic Crossing residents themselves will enjoy walking or biking to work, restaurants, shops and more.

WHAT WE'RE DOING ...

Huntington Station

Over the last decade, Huntington Station revitalization projects have benefited from public investment including various grant awards from all levels of government. The funding support has assisted critical capital infrastructure improvements such as the construction of a pedestrian plaza space, acquisition and development of Huntington Station's downtown **Gateway Park**, and a comprehensive streetscaping campaign within Huntington Station's business corridor.

LIREDC investments in Huntington Station to date include \$1.5 million for the reconstruction of the **James D. Conte Community Center**, a former NYS Armory. When completed, it will serve as a collaborative venue for not-for-profits and other agencies to interact with town initiatives and agencies, such as the **Huntington Business Incubator** and **Huntington Opportunity Resource Center**.



An additional \$370,000 in NYS funds enabled the recent restoration of a historic farmhouse within Gateway Park. Restore NY funds helped support **Columbia Terrace**, an affordable military veterans' 14-unit condo project, and the **Gateway Mixed Use Retail Center**, both nearing construction phase. The Huntington Opportunity Resource Center, a mixed-use building rehabilitated with support of New York Main Street grant funds, recently launched its **Unemployed Worker Training Program**. The Resource Center's job training program delivered basic writing, math, and computer skills to nearly 100 residents in pursuit of jobs. Additionally, the **NYS Brownfield Opportunity Area** program awarded Huntington Station a total of \$340,000

for planning and community outreach. Housing is also an important component. With the Town's commitment and public funding directed at Huntington Station, the area has realized construction of more than 300 rental units, 44 of which are affordable.

Ronkonkoma Hub

The Ronkonkoma Hub transit-oriented development project will offer new and diverse housing opportunities for Long Island residents next to the busy Ronkonkoma LIRR station, while addressing the shortage of multifamily rentals. Strategically located between the Long Island Expressway and Long Island MacArthur Airport, the Ronkonkoma Hub will be at the center of road, rail and air. The development is close to major research assets including Stony Brook University and Brookhaven National Laboratory.

A \$50 million NYS Grant will fund parking garages for the \$650 million Ronkonkoma Hub development, which will transform approximately 50 acres. Upon completion, in about a decade, the Hub is expected to have 1,450 apartments and 545,000 square feet of retail and office space. The project will ultimately transform a struggling commercial district, create hundreds of jobs and provide affordable housing for seniors and young people.



WHAT WE'RE DOING ...

Progress in Planning

East Farmingdale Downtown Center

This winter, a five-day design charrette was held in East Farmingdale to refine ideas for a new transit-oriented development that will surround a LIRR station scheduled to be reopened. The Town of Babylon is planning for the redevelopment of 136 acres in East Farmingdale as part of a mixed-use development along the Route 110 corridor, home to 20 percent of Suffolk County's workforce. It is the largest job center on Long Island. The East Farmingdale Downtown Center would be a regional destination around the Republic Station, including retail, residences, public spaces and parking, making it potentially a major mass transit hub.



Reclaiming Suffolk County's Water and Improving Coastal Resiliency

"Long Island's unparalleled natural beauty, from the stunning coastline to the spectacular waters, is a key driver of the regional economy, and we must do everything in our power to protect the water quality and natural resources of our communities," Governor Cuomo said at a recent event on Long Island to address brown tide and harmful algae blooms. And so we are.

The water quality problem is acute in Suffolk County. With 360,000 septic systems, Suffolk has roughly the same number as all of New Jersey. "What we have been doing for decades is just managing the decline of water quality," Steve Bellone, the Suffolk County executive, noted at the same event held by the Governor. Nassau County has many more homes using sewers than Suffolk, where 75 percent of the population relies on septic systems.

Officials from the governor to village board members now understand that Long Island faces no greater challenge than the water quality crisis from nitrogen infiltration from failing septic systems and cesspools. Consistent with recommendations of the LIREDC as well as the governor's 2100 Commission report, the challenge is to reduce nonpoint source pollution and restore wetlands. By initiation of this comprehensive project, Suffolk proposes to strengthen our south shore coastal wetlands.

This Manhattan Project-like effort will provide advanced wastewater infrastructure to reduce nitrogen currently discharged into the Carlls River, Connetquot River, and Forge River. The goal for the county – heartily endorsed and supported by LIREDC - is improving wetlands through nitrogen reduction that not only will have environmental benefits, but mitigate property and business losses associated with future storms.



WHAT WE'RE DOING ...

Round Seven Priority Projects: Infrastructure

We can't lose momentum; the stakes are too high for the health of too many families and the future of the regional economy. To further our key strategies and continue the progress we've so painstakingly made in the last six years, the LIREDC recommends the following projects for funding in Round Seven:

Upper Port Jefferson. This troubled gateway neighborhood to one of Long Island's most desirable waterfront villages will be transformed into a compact, pedestrian-friendly community surrounding a Long Island Rail Road station. Upper Port, which was an appealing candidate for a Downtown Revitalization Initiative designation, will offer a range of affordable living options with a core central business district and mass transit providing access to high-paying jobs, cultural attractions and higher education. The area presents a unique opportunity to revitalize this troubled area and rebrand it to create a vibrant, young urban landscape and pulse, as called for in the LIREDC strategic vision. Plans call for replacing derelict, crime-ridden buildings with mixed-use development, streetscapes, traffic calming and connectivity, lighting, and improved bus/train access and parking.



Point Lookout. Currently un-sewered, this mostly residential community of 1,267 on the eastern side of Long Beach relies on on-site treatment for its septic systems that have the potential for nitrogen leaks. In the past, the systems have failed, including during Superstorm Sandy, threatening the health of the community and the nearby Western Bays that house salt marshes vital to the coastal resiliency of the south shore. Because of these threats, Nassau County is pursuing the construction of a new collection system for Point Lookout – with LIREDC support – that will become part of the County's Sewer and Stormwater Collection Waterfront District. Nitrogen reduction is part of the County's master vision for nearby bays, as well as a broader initiative in other south shore communities. This will help build resiliency in anticipation of another major storm.

Hempstead Village Redevelopment. The **Carman Place** project is hoped to be a spark to jumpstart the ambitious and desperately needed “Hempstead Rising” redevelopment that would bring 600,000 square feet of new commercial space and 3,400 new residences. Carman Place, a project of the well-respected Community Development Corp. of Long Island, will start the revitalization with nearly 24,000 square feet of commercial space and 228 affordable apartments. The first phase will include construction of infrastructure improvements to support the commercial space. The second will be the construction of the commercial and residential buildings. The ESD funds will leverage over \$94 million in federal, state and private investment. The goal is to transform one of LI's poorest communities into a vibrant commercial and residential center that takes great advantage of its superb public transit options.



Huntington Parking. One of Suffolk County's premier retail and residential downtowns, Huntington's popularity has translated into parking problems that have stymied smart-growth initiatives, including affordable apartments that are important LIREDC priorities. This project will deliver a three-story municipal parking deck, with green energy features, on the footprint of an existing lot. The new structure will create a “shared parking dynamic” in which spaces have double duty, accommodating shoppers during the day and revelers and residential apartment dwellers at night. Overall, the 528 spaces, all desperately needed in the busy downtown, will triple available parking at that location. The structure's size and scale will be consistent with existing buildings. Addressing the shortage of parking will open the door for more mixed-use development and meet the increasing public demand for more apartments.

WHAT WE'RE DOING ...

Global NY



Governor Cuomo's program to pump up exports and foreign investment has been embraced by the LIREDC and more and more firms as a shot in the arm for job creation and retention.



Key Strategy: Augment the export capacity of Long Island companies and attract foreign direct investment in the region by bringing together experienced exporters, relevant government agencies and our world class education and research institutions to identify and pursue potential business opportunities overseas.

Governor Cuomo's launch of Global NY left no doubt that New York is open for business – to the world. And it's a good thing: Long Island's exports have grown to nearly \$10 billion, an increasing chunk of the economy, especially in the tech sector that the Long Island Regional Economic Development Council has been promoting from day one. But there's plenty of room for growth, and Global NY is key to nurturing exports and foreign direct investment, which can be an incredible stimulant to a local economy. Through the Global NY initiative, businesses are provided opportunities to participate in trade shows as well as getting in front of businesses and distributors across the globe. This popular "one-stop" initiative, created by Governor Cuomo, allows LI companies to sell their products offshore – and keep profits and jobs on our shores.

The LIREDC continues to embrace Global NY – which aligns with several of our key strategies, including the one above – by promoting its events and by creating a separate Global NY Work Group. Now into Round Seven of the Governor's game-changing economic development initiative, the LIREDC continues to analyze Global NY's impact and spread the word about the benefits it brings to local businesses.

The Global NY initiative especially allows the region to leverage our technology sectors and biotech clusters in a more systematic and synergistic way.

A recent article in Newsday reported that exports from Long Island have grown 53% since 2005, based on data from the U.S. Census Bureau. This demonstrates that exporting products and services from Long Island to other parts of the world has had a positive impact on our region's economy. It also is good publicity for the state and LIREDC's efforts.

Newsday

Exports are a growing part of LI economy, data show

February 3, 2017 By James T. Madore james.madore@newsday.com



The CEO of Nature's Bounty Co. says exports "are a key growth engine for us." Line runner Francisca Nuñez watches containers being filled with zinc caplets at the company's Bohemia facility on Thursday, Jan. 26, 2017. (Credit: Barry Sloan)

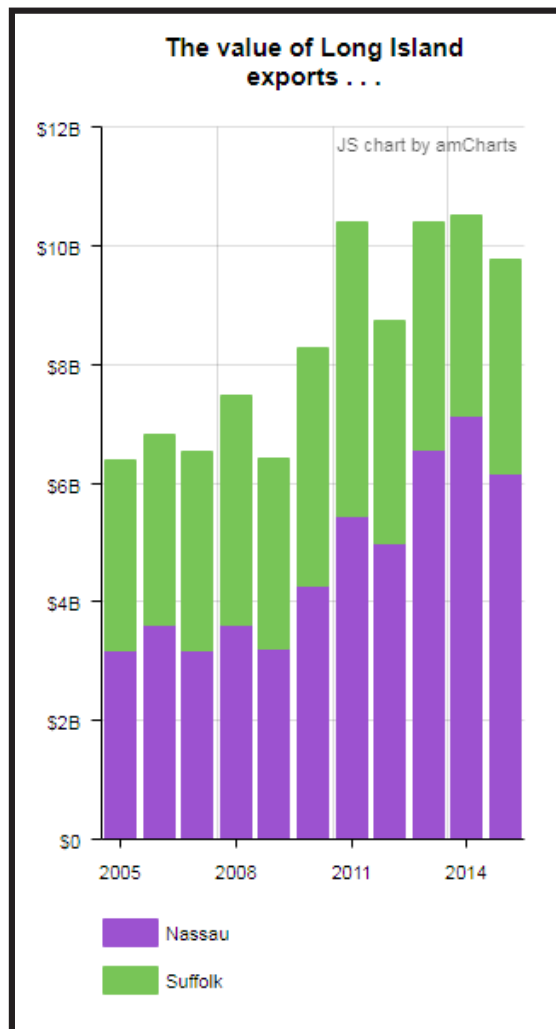
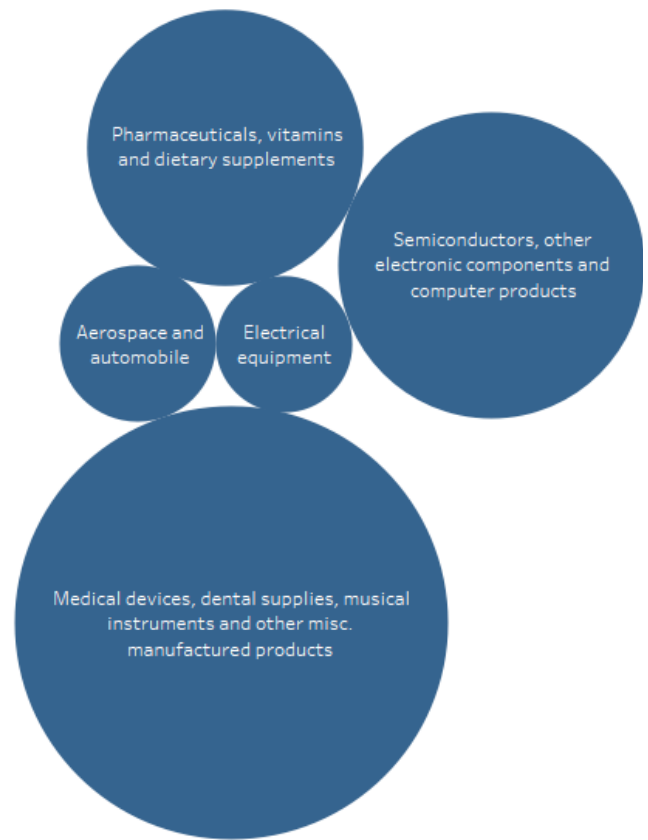
Long Island has growing export muscle. Manufacturers, distributors and trading companies based here sold \$9.8 billion in goods to foreign buyers in 2015, a 53 percent increase from 2005, according to the latest

available data from the U.S. Census Bureau.

Several factors are behind the gain in export activity, including greater foreign demand for Long Island products and a growing number of companies beginning to sell overseas, economists said.

WHAT WE'RE DOING ...

The graphic to the right shows Long Island's top 5 merchandise export categories. Medical devices, dental supplies, musical instruments and other miscellaneous manufactured products are the highest dollar amount of exports, coming in at \$3.2 billion. Semiconductors and other electronic components represent \$1.6 billion followed by Pharmaceuticals at \$1.3 billion. As the Newsday story indicates, "Long Island has growing export muscle."



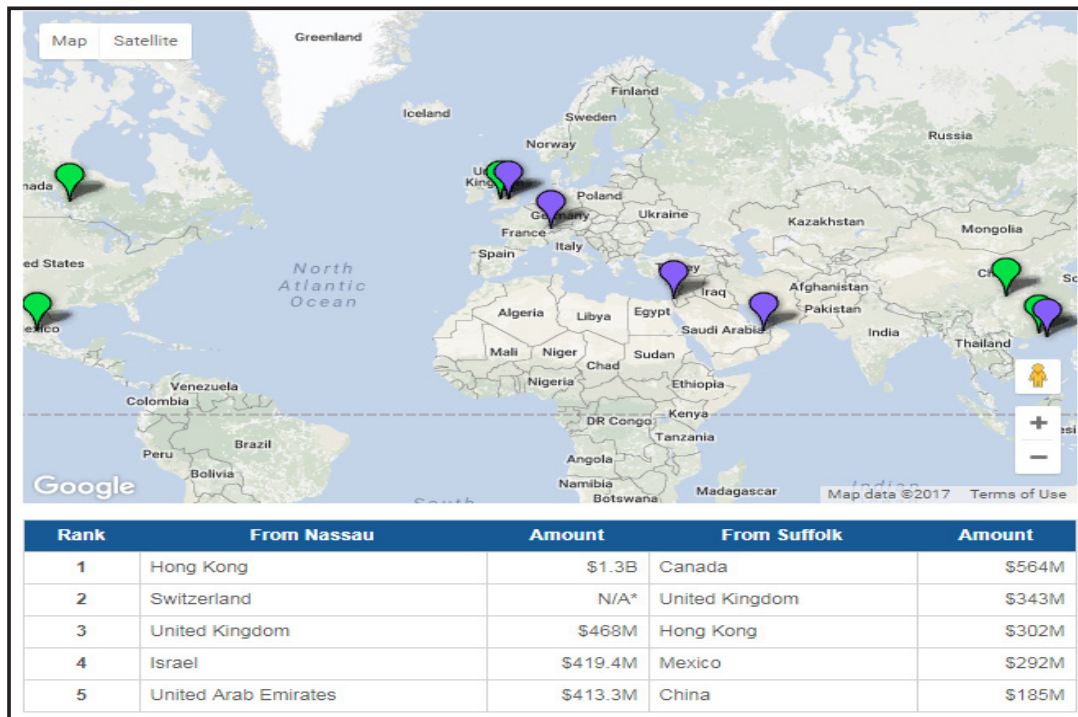
The graphic to the left provides an overview of the value of Long Island exports. As you can see, Long Island exports are a big part of bringing New York to the world.

(Source: Newsday, Exports are a growing part of LI economy, data show. February 3, 2017.)

WHAT WE'RE DOING ...

Since 2012, over 30 Long Island companies have participated in the U.S. Small Business Administration and Empire State Development's State Trade & Export Promotion (STEP) program. This allows local companies to participate in foreign trade missions, make foreign market sales trips as well as participate in export trade shows.

The STEP program enables businesses on Long Island and across the state to reach global markets and expand our local economy with "somebody else's" dollars. The chart below, from the February 3, 2017 Newsday article, shows the top export markets for the Long Island Region.



Source: Newsday, Exports are a growing part of LI economy, data show. February 3, 2017.

The Long Island region knows the importance of raising the awareness about Global NY and bringing more local businesses into the mix. The regional Empire State Development office offered a "Doing Business in Europe" event on October 27, 2016. This was a dual meeting as we leveraged our time by having local staff as well as ESD staff from the London office to discuss opportunities to export to Europe. One meeting was attended by over 20 local companies from aerospace, electronics, food and winery sectors and the other included six local Industrial Development Agencies (IDAs). These meetings emphasized that Long Island is a great global investment target for businesses and how local companies can expand globally.

Other events that local businesses participated in were "Doing Business in Africa" held on May 8, 2017, and "Doing Business in Mexico and Canada" held on May 26, 2017 at the New York City office of ESD. We allowed companies as well as ESD offices in those countries to skype into the meeting. Additionally, the LI region hosted an event on June 15, 2017 in Garden City where over 20 local companies that focus on military sales could learn about exporting to Israel. This event included representatives from ESD, the U.S. Commerce Department, and the Israel Defense Ministry.

Other programs that our Region participated in include: Hannover Messe, China Import Expo, Canada Trade Mission, Smart Cities – Barcelona, Indonesia and Vietnam Trade Mission, Africa Health, China International Optoelectronic Expo, and the Lighting for Rail Conference in London. The programs held abroad, as well as locally here on Long Island and New York City, have helped companies on Long Island to expand their brand presence, increase business connections, and grow their business globally.

WHAT WE'RE DOING ...

In May, Clear-Vu Lighting attended the Lighting for Rail Conference in London through Global NY. Clear-Vu Lighting started as a new division in 2008 of Autronic Plastics located on Long Island. Clear-Vu develops product-based solutions for advanced commercial and industrial lighting applications. This allowed its company principal Daniel Lax the opportunity to provide a 30-minute presentation on lighting for rail as well as a booth at the event. "This event provided Clear-Vu with solid exposure, we better understand specifications for bidding future work globally, and we now have a local representative in London to help grow our business," he said.



The pictures above are from the Lighting for Rail conference in London. At left is Daniel Lax of Clear-Vu presenting.



Wine to the World

New York is the 3rd largest wine growing region in America, and Long Island is considered to have some of the best wineries in the State. With over 50 wine producers on Long Island, there is great potential to export wines within the United States and abroad.

The 2012 London International Wine Festival continues to reap benefits for Long Island wineries. The exposure there has allowed them to export their products across "the pond" and as far as China. The picture to the left is one of the first pallets of New York wine that was shipped to Shanghai, China. Through Global NY our Region continues to work with wineries to help them to expand beyond the Empire State.

WHAT WE'RE DOING ...

Next Steps to encourage more LI companies to seek new global markets

Although we've made progress since 2011 in encouraging exports, clearly there is more to do. More than 30 Long Island manufacturers have traveled to trade shows to explore global markets but this region has many more manufacturers with export potential. Our biggest challenge has been recruiting firms for trade shows. Our Global NY Work Group found that we lack a strong database of export-interested firms. One reason is that most small firms – the brunt of LI's economy - lack an "export manager" so finding the right contact has been challenging. Also, many trade shows are industry specific so our marketing and outreach needs to be more smartly focused. We have started to address this issue and in 2015 we committed to creating a dynamic database to list export-interested LI manufacturers. This year a brief export survey was emailed to over 300 manufacturers. Two trade groups emailed the same survey to their membership. The survey contained only a few simple questions: *What products do you manufacture on Long Island? Do you currently export? What markets or countries are you interested in? Would you be interested in export assistance and or traveling with ESD to trade shows globally?*

Unfortunately, the response rate was significantly lower than we had hoped so we contacted every company for follow-up. We now have a small yet important database of about 25 new companies seeking help to export. Our goal is to continue adding to the survey. Now when we are recruiting for trade shows or export programs we can reach out and target manufacturers by products and/or countries of interest. A small step, yes - but one we committed to do in our Global NY implementation strategy and can build on.

ESD and our global partners at U.S. Commerce can do more export training right here on LI. The events on opportunities in Israel and South Africa were very useful. Convincing a CEO to come to Garden City is far easier than traveling to Tel Aviv or Johannesburg. These local events expose companies to new markets and cost them virtually nothing. And they sometimes can act as appetizers for companies that decide it's worth their time and money to travel overseas and meet customers and learn nuances of doing business in that country. We will try to encourage more of these programs on Long Island and offer our companies the opportunity to phone or Skype in when attendance is difficult.

ESD has forged a strong relationship with our federal export partners at U.S. Commerce and the SBA. In fact, the SBA helps fund much of NYS's Global Trade show reimbursement program - STEP. This region will also promote those opportunities to more non-traditional industries such as food production and agriculture. The world has become smaller and it is easier for our manufacturers to showcase their products globally. Decades of success in selling at home and abroad prove that we have the products the world wants. ESD's challenge is to make the right linkages between our makers and global markets.

Some of the Companies Global NY works with on Long Island



WHAT WE'RE DOING ...



HOSPITAL INTERNS

MICHAEL DeCICCO AND KALEIGH BEDNOR

Everybody hates to wait – for trains, cabs, food and especially for patient information in a hospital. Now, two hospitality students from St. Joseph's College are getting the chance to make life easier for people waiting to be updated about a loved one in surgery and other hospital situations.

Using innovative practices they learned in the classroom, Michael DeCicco and Kaleigh Bednor were the first Northwell Health interns to focus on the marriage of hospitals and hospitality. They spent eight weeks of their summer at Huntington Hospital. The hope is that the program will be expanded to other hospitals in the giant health system and become a permanent feature of its approach to patient care.

"It can be a very stressful time waiting for updates on a patient in surgery," Kaleigh said of the traditional ambulatory waiting room. "We're focusing on how we can tie hospitality elements into certain policies, procedures and areas of the hospital. My hope is that I can make even the smallest impact on any of the patients and their loved ones that I come in contact with."

Due to join Kaleigh at the internship was fellow St. Joe's HTM major Michael DeCicco, who was already familiar with Northwell's Huntington Hospital location from work as a volunteer.

After being accepted to Northwell's hospitality in healthcare program, Michael's personality and work ethic earned him an unexpected second option. He was asked to become Huntington Hospital's new access control coordinator – an opportunity he gladly accepted.

"I'm one of the first impressions of the hospital, so it is extremely important to assure no one leaves with any questions or concerns," Michael said. "I hold a big part in bringing a hospitable environment and assisting all visitors."

A month into his employment, Michael is working with the director of patient and family experience to survey patients and seek ways to better their experience.

NATURAL ASSETS AND TOURISM

A strong, sustainable tourist economy relies on protecting the environment, preserving historical sites, promoting farming and fishing, as well as ecological research, cultural and arts.

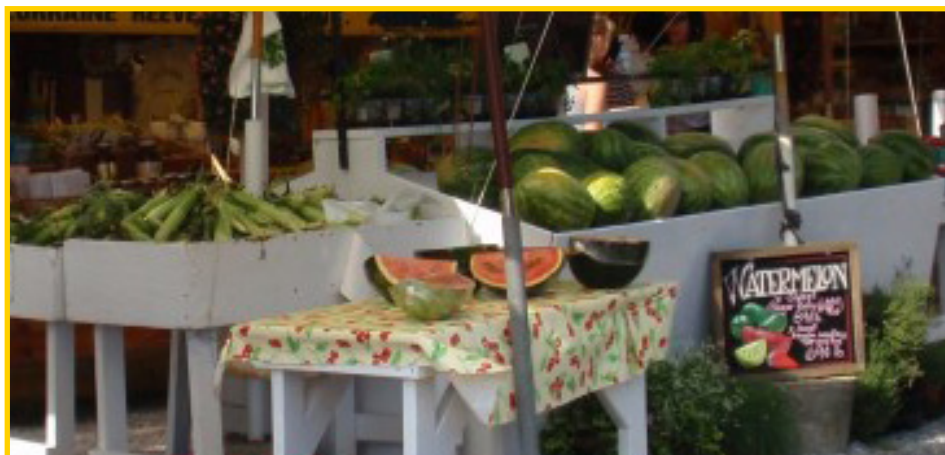


Key Strategy: Produce a new generation of sustainable, well-paying jobs in the legacy sectors of agriculture, aquaculture, fisheries and tourism by enhancing the economic value of our parks, historic places, and arts venues and organizations, and expanding export opportunities, infrastructure, recreation facilities, research partnerships and workforce training.



Key Strategy: Attract travelers from across the globe by leveraging Long Island's unique heritage and tourism assets to convey our rich contributions to American history, the arts, and culture.

When it comes to growing Long Island's economy, the environment and economic development go hand-in-hand. You can't have vibrant new downtown apartments and offices, for instance, without sewers to protect drinking water. You can't move more goods from makers to markets without reducing congestion on our roadways. And you certainly can't have an appealing tourism industry if you don't have clean, beautiful beaches, or bucolic farms and other agricultural products that are magnets for visitors from crowded cities. That's why, from the beginning of its job-creating journey, the LIREDC fashioned work groups to consider strategies and projects for our multi-billion dollar tourism industry and for our "natural assets" – farming, fishing and environmental protection.



WHAT WE'RE DOING ...

Tourism is a multi-billion dollar industry on Long Island, creating jobs, developing technology, attracting newcomers as potential residents and investors, and driving tax dollars to state and local coffers. Natural assets-related businesses are a complementary match for economic power. But the two together produce synergies that not only create jobs but give Long Island its essential character – a blend of old and new, high tech and legacy, innovative and historic. Over the past six years, the LIREDDC has brought to life several projects that embody our core strategies with a focus on enhancing tradeable sectors, promoting placemaking through the arts, creating a thriving workforce, and further developing and supporting ecotourism initiatives with investments in infrastructure, technology, education and marketing. The enhancement of Long Island's rich agricultural, aquacultural and tourism heritage ensures that our natural resources are promoted and preserved for generations to come. We have diligently reviewed proposals from entrepreneurs and environmentalists and carefully selected projects that not only provide a source of jobs in their market but also protect our natural assets.



Natural Assets

As presented in the five-year strategic economic development plan produced in 2011, the LIREDDC supports Natural Assets-related projects that improve employment opportunities in legacy sectors (agriculture, aquaculture, fisheries and tourism); that grow sustainable industries; that boost eco-tourism activities and the infrastructure and parks necessary to support them; and that avail themselves of innovative technology, especially those developed on Long Island.

State investments in the following past (and future) projects embody these objectives, driving economic growth and environmental sustainability.



Manna Fish Farms: By utilizing the latest submersible cage technologies, Manna Fish Farms will farm finfish, shellfish and macroalgae, while researching and developing integrated multitrophic aquaculture in the Atlantic. In addition to expanding Long Island's sustainable fishing industry, this project will produce a number of jobs through the operation of a hatchery, production of fish food, and the operation of the farm itself. To date Manna Fish Farms has refurbished an automated feed system and secured fingerlings from Cold Spring Harbor Hatchery in Oyster Bay.

Farmers of the Future: Initiated in 2014 by the **Peconic Land Trust** with a LIREDDC-supported grant, the Farmers of the Future program established a pool of financing to help full-time farmers make capital investments. The program reimburses farmers up to 20 percent of the purchase cost of new or used capital equipment. Eligible parties include: new and emerging farmers, farmers upgrading equipment to be in compliance with new food safety regulations, and farmers transitioning to new commodities or methods of production. Since its formal announcement in 2015, the Agriculture Capital Equipment Grant Program has received 42 applications. A total of \$739,970 has been pre-approved and \$256,709 reimbursed with 17 completed projects.



WHAT WE'RE DOING ...

Farmers of the Future recipients include:



- **Amber Waves Farm:** A women-owned farm in Amagansett, Amber Waves has grown from a single acre of vegetable production to ten acres for a Community Supported Agriculture program that itself started with 18 original members and morphed into 150. Amber Waves applied for the Farmers of the Future grant for equipment in order to increase efficiency and safety in the fields, expand agri-tourism, and food safety/FSMA. They aspire to grow their apprenticeship program as well as agri-tourism in Amagansett and with the help of the grant they are on their way to doing so.

- **Wolfer Estate Vineyards:** Operating since 1988, this Sagaponack winery is the founding member of Long Island Sustainable Winemaking. They grow their own grapes to produce wine. Their customers drop in to have educational wine tastings, tour the vineyard, and learn about their history—including how grapes are grown on Long Island, how wine is made, and the importance of being a sustainable vineyard. Wolfer applied for a Farmers of the Future grant to buy equipment that would allow them to expand their current business and enhance environmentally friendly practices.



- **Cornell Oysters Inc.** Located in Southold, Cornell Oyster farm has 30 acres on the water and has been selling oysters for 11 years. Due to such a high demand, they are expanding their business to culture more oyster seed. They sell to both wholesalers and restaurants on the North and South Forks. Cornell Oysters highlights the environmental sustainability of their product — oysters actually filter the water, making it cleaner for all organisms. The Farmers of the Future grant will help them create more supply to meet greater demand with updated and upgraded equipment.

Looking Ahead

As we move into another year of project selection, we continue to follow the core philosophy of balancing environmental protection with economic development. The two not only can go hand-in-hand, they must if Long Island is to preserve its natural assets and promote its economy. Natural Assets and Tourism are the foundation of our destination and will be integral to enhancing and increasing the economic development of our region.



WHAT WE'RE DOING ...

Round Seven Priority Projects: Natural Assets

Several promising natural assets themed projects came before the council, projects that fit within the framework of our strategies for economic development and job creation.

Greenport Aquaculture & Marine Center: Greenport is one of Long Island's top three ports bringing in a combined 16 million pounds of fish and shellfish annually. Oysters are currently ranked among the most valuable catch. The current state of the **Greenport Yacht & Shipbuilding Co.** property presents an opportunity to revitalize 4.3 acres of waterfront property in the heart of Greenport into a viable aquaculture business with oysters as the cornerstone but not its sole product. The property is already zoned for industrial and aquaculture needs and houses the only dry dock on Eastern Long Island.

Through the preservation of this commercial waterfront property, fishermen and aquaculture farmers here can have a centralized processing and distribution facility that meets all DEC requirements. A portion of the 8,300 square foot building will contain 55-degree flowing salt water holding tanks to cleanse oysters and a 100 square foot walk-in refrigerator that can be sectioned off for individual businesses.

To date the property houses the only dry dock capable of handling 50 ton and greater vessels in eastern New York State. The revitalization of this dock would increase business with inter-island ferries and commercial marine vessels.



The revitalization would also preserve the building's marine history and provide additional tourist traffic to the waterfront which is a key part of the Island's tourism industry. This project would also account for an increase in local job opportunities for operation of the dry dock and marine center.



Oysterponds Historical Society: By acquiring the Orient Methodist Church and Park, the historical society hopes to prevent the private sale and residential development of this significant historic property in the heart of Orient village. The Church, built in 1836, is at the center of the landmark Orient Historic District at the crossroads of Long Island and New England.

Safeguarding this property from development will maintain vital public space, honor the building's role in the community's life, uphold the village's historic integrity and authenticity, and provide needed space for cultural and other programming. The Oysterponds

Historical Society, or OHS, is a non-profit organization founded in 1944 that owns and maintains invaluable collections on a campus that includes seven historic buildings.

WHAT WE'RE DOING ...

This project aligns with the REDC strategy of attracting travelers to Long Island's assets in history, arts, and culture and contributes to New York's Path Through History program. Orient is at the eastern tip of the North Fork, which people visit for its historic rural character as well as its beauty, vineyards, and working farms.



North Fork Trolley Loop: In an effort to decrease traffic congestion during peak season on the North Fork as well as turn this popular Long Island destination into a walkable option for travelers, the North Fork Trolley project would operate September 1 through November 12 running from the Mattituck LIRR station to Peconic Lane and Southold station to Greenport. For \$10 per day or \$100 seasonal pass, visitors and locals would have easy access to key attractions, restaurants and local businesses with this safe and economical option. The North Fork Trolley pilot program is slated to launch fall 2017 with two 30-person trolleys. Trolley service is complimentary during the launch weekend.



NEW YORK
STATE OF
OPPORTUNITY



WHAT WE'RE DOING ...



**DAVID KILMNICK
AND
ROBERT VITELLI**

LGBT NETWORK

Founded on Long Island, the LGBT Network is the nation's premier suburban voice for lesbian, gay, bisexual or transsexual rights. But the impact of its inclusive and innovative approach to LGBT issues has benefitted our collective consciousness and economy. At the center of the organization's projects – several of which have been supported by the LIREDC – is a dynamic and creative married couple, David Kilmnick and Robert Vitelli.

They are working for all of us.

On August 17, for instance, the LGBT Network unveiled plans for a 75-unit affordable housing apartment complex for senior citizens identifying as lesbian, gay, bisexual or transsexual, as well as those who are LGBT-friendly. The project will advance the revival of Bay Shore and smart-growth, TOD strategies. The announcement follows by two months a smashingly successful "Pride on the Beach" weekend that drew tens of thousands of people to Long Beach – many experiencing Long Island for the first time – and generated millions of dollars in economic activity.

The City of Long Beach was so delighted that it urged the Network to return next year – hopefully receiving state funds again, as the LIREDC has recommended. "We are utilizing the natural assets of Long Island's beaches to drive tourism, tolerance and economic development," said Robert. "And a lot of fun!"

Through their hard work, David and Robert and their team have broken down barriers and brought many people, gay and straight alike, together. "The sense of acceptance was evident in dozens of businesses and residents displaying rainbow flags," said David. "More than 100 groups marched in the parade, including, for the first time ever, police departments, fire departments, Boy Scouts, schools and groups from all five boroughs."

"People of all ages, families with young children, grandparents all cheered and waved rainbow flags," added Robert. "You could hear up and down the route people saying, 'Thank you, we need you here.' This solidarity was a sign of how far we've come."

And how great it was for business, now and into the future.

Tourism

The tourism industry on Long Island generates \$5.6 billion in annual visitor spending, accounting for over 100,000 jobs and placing Long Island as a statewide leader behind New York City. Long Island welcomes over 9 million visitors each year from across the globe to enjoy our natural assets such as our parks and beaches as well as the many accommodations, restaurants and attractions we have to offer.

Very rarely does an industry deliver such significant return on investment that directly impacts a region's economic development thus making the tourism industry such a vital asset. The Path Through History, Arts and Tourism initiative and its destination branding and development has breathed new life into the way visitors view our natural assets, historical relevance, and new features such as craft beverage trails.

The following projects are among a number that have continued to increase awareness and visibility of Long Island on a global scale.



Path Through History: New York State bestowed a special designation to Long Island's Route 25A, a 50-mile stretch from Great Neck to Port Jefferson that was used by the Culper Spy Ring during the Revolutionary War. Now officially designated the **Washington Spy Trail**, the route boasts more than two dozen spy ring signs highlighting its historical significance to visitors and the community. Considered the nation's first espionage group, the Culper Spy Ring used the route to slip through British lines and deliver secret messages to General George Washington to turn the tide of the war. This project continues to elevate awareness of Long Island's dedication to the I LOVE NY "Path Through History" program, attracting travelers from across the globe by leveraging our unique heritage and tourism assets through American history, arts and culture. The Path initiative continues to directly drive tourism with over 46 projects that have supported the key strategies set forth by both the Natural Asset and 'Path Through History' work groups.

Pride on the Beach: Recipients of a 2016 \$300,000 Market NY Grant, the LGBT Network partnered with the City of Long Beach to produce a 3-day "destination event" that leveraged Long Island's beaches as a natural tourism asset to stimulate out-of-state tourism. The City of Long Beach welcomed over 20,000 people to join the 27th annual celebration in its new location with visitors from across 15 states as well as Canada. The visitors – many first-time visitors to Long Island – not only experienced a fun, festive celebration of gay culture and families, but saw in the city's surf, sand, boardwalk and other amenities a great reason to return.



WHAT WE'RE DOING ...

Long Island Welcome Center and Taste NY Market: The grand opening of the new Long Island Welcome Center between exits 51-52 eastbound on the Long Island Expressway connects visitors with Long Island's historical and recreational opportunities. The 15,200 square foot Welcome Center includes a Taste NY Market promoting locally grown, New York-made products and supports regional tourism.



The spacious, LEED-certified visitor's center provides numerous amenities for travelers, including a community room with a DMV kiosk and innovative travel features from I LOVE NEW YORK that highlight Long Island's diverse tourism attractions. In the event of a storm or catastrophic event, the community room can serve as a safe refuge for travelers and residents. The Taste NY Market showcases a broad selection of fresh made breakfast and lunch items, including soups, salads, sandwiches and desserts using ingredients sourced from Long Island and state growers. It also offers grab-and-go snacks and specialty local items for sale, providing an opportunity for local producers to market

their products. In addition to the Taste NY Market, the Welcome Center will be the home to an outdoor farmers' market open Saturdays and Sundays through the season. It will provide locally-grown and produced foods to visitors, spotlighting Long Island farms and encouraging agri-tourism throughout the region.

Long Island Craft Beverage Trail: Long Island's craft beverage scene is booming with over 70 vineyards and breweries that are utilizing locally-grown ingredients. Rated by Wine Enthusiast as one of the 'Top 10 Wine Regions' in the world, our varietals and lively brew scene are attractions in and of themselves with locations scattered across Long Island's north and south shores. The craft beverage project directly impacts the local economy through job creation and the commerce of locally sourced products, and has created a unique niche within our state's agricultural sector.



US Synchronized Swimming 2017 America Open: The Synchro America Open is an elite international event where Olympians, World Champions and future Olympians compete on the world stage for the 6th and next-to-last leg of the FINA Synchronized Swimming World Series. Held at the Nassau County Aquatics Center in June 2017 the 4-day event hosted 110 athletes from 17 different countries with over 1,000 attendees. Olympic Day activities featured athlete appearances and autograph sessions, live entertainment and an all-women's Acapella group.

118th US Open Golf Championships: In conjunction with the USGA, Long Island will be hosting the 118th US Open Golf Championships at Shinnecock Golf Course in Southampton June 10-17, 2018. Over 25,000 visitors are expected to attend the event while millions tune in from the globe.

The LIREDC is especially proud of its efforts in the realm of Natural Assets and Tourism, one of our most active and inventive work groups. Its determined balancing of environmental protection and economic development, as well as its recognition of how important the past is to our future, makes its work particularly emblematic of our vision and values. We hope this is evident in these examples of our choices for a new round of funding in 2018.



WHAT WE'RE DOING ...

Round Seven Priority Projects: Tourism



Discover Long Island and New York City. Collaboration has not been limited just to Long Island organizations and communities. Discover Long Island will use funds from this grant to fulfill the goals of Governor Andrew Cuomo's initiative to generate awareness of our region among the millions of tourists welcomed by New York City annually. Discover Long Island and NYC



& CO have established a formal cooperative partnership to promote Long Island as a NYC+ destination in two proven visitor source markets for New York State – Australia and Canada. Recent travel statistics show that people from these two international markets spend up to 14 days of their vacation time in New York City annually and our goal is to increase overall awareness of Long Island and its proximity to NYC in the hopes of attracting them to the bi-county region.



Craft Beverage Bonanza. The **East End Tourism Alliance** will produce and promote a series of thematic weekend events that cross-market our craft beverages/local farming with other important cultural/tourism assets in the region. Each weekend promotion will thus focus on a specific theme art, literature, history and of course music -- in craft beverage tasting rooms and other venues to attract aficionados of each genre to the region. Because a primary objective of EETA is to generate visitor traffic in the off season, the promotional weekends will take place outside of peak tourism periods. And because our agriculture, aquaculture and farm-based beverage industries offer seasonal specialties throughout the year, the initiative will schedule weekends to correspond with the availability of local products paired with our craft beverages. After years of using music, art and other

cultural activities to promote craft beverage sales, this project will reverse the formula.

Young and In Love... with Wine. The **Long Island Wine Council** proposes an innovative marketing plan designed to capture the growing domestic and international Enotourism market, with special focus on Millennials who have become the most influential demographic within wine, food and travel. The proposal identifies two major tactics that will help increase year-round tourism to the eastern end of Long Island. One is a partnership with a top public relations agency that will establish strong relationships with the influencers such as sommeliers, retailers, and food/wine/travel writers. The other is the creation of educational wine events for consumers. All efforts will be supported through creative social media campaigns to ensure each initiative achieves maximum reach with our target audience. The project will lead to an increase in awareness of Long Island Wine Country that will translate into increased placements on NYC - and local wine lists, increased presence at key NYC-based retailers and an increase in Enotourism - visitors to the East End.



Tough Mudder, an organization that stages unusual races through mud and

WHAT WE'RE DOING ...

other obstacles, will build on a successful 2017 event that attracted 11,500 people to its Long Island location. Tough Mudder Long Island 2018 will tentatively be held on July 21-22, 2018, at Old Bethpage Village Restoration in Old Bethpage. This event will feature the signature Tough Mudder events of varying lengths. Each course will feature over 20 obstacles, as well as scenic trail routes and challenging course terrain unique to the TM event series. Additionally, the event will feature exciting activities for spectators. TM is confident that attendance will exceed 14,500 in 2018. The investments in this event will deliver significant benefits beyond the weekend by attracting people from beyond the region, enhancing Long Island's reputation as a leading tourism destination.



Arts Rising From the Ashes. On December 16, 2016, the iconic **Sag Harbor Cinema** (SHC) burned in a fire



that damaged several buildings on the Village's Main Street. The SHC is the only movie theatre playing documentary, independent and foreign films on Long Island's East End. Historically significant, SHC was built over 100 years ago from an art deco design by renowned architect John Eberson. The Sag Harbor Partnership (SHP), a community-based not-for-profit, will use grant funds to purchase the building and to rebuild the theatre. The partnership has raised almost \$5 million to date. Once complete, the SHC will include a 250-seat main theater, running first-run independent, documentary and foreign films, and Hollywood productions that appeal to new audiences

and underserved markets; a 120-seat repertory screening room for series, tributes and retrospectives focused on a particular filmmaker, theme, genre or time period; and a 30-seat screening room used for flexible community programming, longer run premiers and can be rented for private screenings, a much sought after outlet on the East End.

Making LI's Biggest and Best Even Better. Long Island University's **Tilles Center for the Performing Arts** is our region's premier cultural arts venue but it has a potential to grow in its leadership and job-creation role. This

project, the Tilles Center Plaza Expansion and Upgrades, will create a large, outdoor space adjacent to the main facility that can be used for additional events, including private parties that can bring in revenue to support arts programming. It also will aid in refurbishing the interior. Located on Northern Boulevard, the main commercial artery of Long Island's North Shore, the 35,000 square foot plaza will provide a flexible space for the 100 - plus community organizations that currently partner with Tilles Center, as well as outdoor performances, world-class festivals celebrating the arts and culture of Long Island, and other events. The project will also enhance the patron and artist experience inside Tilles Center by replacing the seats and carpeting and installing an automated curtain package in the concert hall.



WHAT WE'RE DOING ...

Food Cluster

Long Island's legacy agricultural and fishing enterprises are evolving into a modern, multi-faceted and money-making industry creating tradeable products and opportunities for entrepreneurs and eaters within and beyond our borders.

From its earliest history, even during the pre-Colonial days when Native Americans dominated the landscape, food was big business on Long Island. As the region grew and found industrial success in the 20th Century around things that flew rather than grew, farming and fishing remained key economic drivers. Whether it was the Long Island Duck, the Blue Point Oyster, or fields of potatoes and cauliflower, the region provided food for local consumption and export. These food businesses also created many jobs, and still do. But now the products are more likely to be grapes and wine and increasing varieties of finfish, seafood and organic greens for restaurants in Nassau-Suffolk and beyond. Output and profitability are rising as well, on the strength of smarter and tech-assisted production processes. The LIREDC has strongly supported these advances with investments that realize key goals and strategies in everything from invigorating legacy industries to encouraging exports and the arrival of new companies.



The burgeoning food cluster on Long Island continues to grow, even in the headwinds of a changing marketplace. The food industry nationally is evolving and conventional supermarkets and their distribution channels are changing as consumers demand more variety and better quality of product as well as instant delivery. Changing tastes have given rise to more, and bigger, ethnic food processors and distributors. Long Island food companies – some of which started in home kitchens and basements - continue to innovate, attract investment and modernize production to meet these challenges. The food cluster on LI has added over 350 jobs since 2011. On Long Island, food and foodies rule!

We are becoming a magnet for food producers, an important LIREDC goal in encouraging a Food cluster. This past year some Long Island food firms have been purchased by out-of-state firms, including **Kitchen Table Bakers of Farmingdale**, and **United Baking** in Shirley. But these companies are not leaving, as many often do in other industry sectors when they are purchased by out-of-towners. Despite new ownership these companies are continuing to invest and grow - and add jobs - on Long Island. The acquiring businesses recognize not only the value in these purchases but, more importantly, the region's attractiveness as a food cluster. They see the region's taste and tenacity for improving production and profits through innovation, tradition of excellence, and the well-trained workforce. The region looks more eagerly than anxiously at



the new ownership for the fresh investment, ideas and energy it can bring. Whether the acquirer hails from a neighboring state or from Canada, the LIREDC believes the “new blood” is an opportunity for our food cluster to reach more and more customers with better and better products.

What will be the next Long Island Duck? We don't know for sure but we can't wait to find out – and to share a big plate with the world!



KITCHEN TABLE BAKERS™
The crisp made entirely of cheese

KITCHENTABLEBAKERS.COM 800 486 4582

WHAT WE'RE DOING ...

Tastes they are a-changing

One of the great social and economic stories of this new Century is the dynamic demographic change in suburbia. As places like Long Island become more and more diverse, with huge increases in Hispanic, Asian and other immigrant families, the quantity and quality of food reflecting these cultures has grown as well. This diversification shows up most visibly in restaurants offering more exotic fare. The rising demand for ethnic food in the region and nationally also has leavened a growing number of manufacturers like **Quesos La Ricura** in Hicksville, which



makes specialty cheeses and dairy products aimed at the Hispanic marketplace; **La Flor Spices** in Hicksville; and **Gabila's** in Copiague, which manufactures their well-known line of potato knishes including the "classic Coney Island square knish." Soon a large and rapidly growing Queens based Chinese specialty food manufacturer will invest over \$10 million in a new Long Island plant and bring nearly 200 jobs to our region. These ethnic product makers and distributors specializing in ethnic olive oils, cheeses, vegetables, spices and other food stuffs serve a growing market. This intriguing subset of our food cluster is meeting the needs of ethnic customers not just on Long Island but throughout the U.S. Some of these businesses have moved to Long Island as space in NYC has become

scarce. These "food-preneurs" have the ideas and contacts and know how to find the manufacturing space or contract packers to get their goods on store shelves. Long Island's cluster has created the infrastructure that is attractive to these new companies, and NYS has a myriad of financial incentives to help them thrive here. Long Island's focus on food is leveraged by a highly successful "Taste of New York" tourism initiative; companies understand the value of aligning with the program. Local stores and even a newly opened **Long Island Visitors Welcome Center** on the Long Island Expressway offer travel-weary consumers the opportunity to relax while tasting cheeses and dairy products from upstate New York or yogurt from Long Island. And more than a few of the customers are locals.



Supplying the Suppliers

The supply chain that supports our food cluster is expanding as well. The manufacturers and distributors of packaging, supplies and cartons typically seek to be near food companies and often receive help from NYS. Several cold storage facilities have opened on Long Island offering energy efficient space for the many cold and frozen food manufacturers in the region. Reasonably priced refrigeration and frozen food space is still critically important and supported by the LIREDC, including a facility in Riverhead funded in 2011 called **Agri-Park**.

Critical Mass of Support for Start Ups

The region has been successful in creating the necessary infrastructure to support the food cluster ecosystem including NYS funds to build the highly successful Calverton/Riverhead Food Incubator operated by Stony Brook University. Over 50 companies on the East End have 24-hour access to the SBU facility along with mentoring and university linkages.

Part of the SBU incubator is the **Agriculture Consumer Science Center** completed in 2012 as the site of the region's only NY State food processing facility for startups. It is a fully equipped commercial kitchen with over 3,000 square feet of cooking space for qualified applicants. The facility includes a gluten-free kitchen, a baking kitchen and two "hot process" lines. The ACSC provides regional wine and food producers, as well as local entrepreneurs, access to shared processing areas.



WHAT WE'RE DOING ...



Tenants can take full advantage of vast resources to accelerate the research and development of products and/or services for introduction into the marketplace, as well as utilize **New York State Small Business Development Center Advisors** who can guide and offer advice from concept to commercialization.

As a shared-use, small-scale food processing center with 24/7 access, the ACSC allows farmers to add value to their agricultural commodities, gives community food businesses the opportunity to expand into new lines, and helps potential food entrepreneurs to start new businesses. It offers farmers, start-ups and expanding businesses the opportunity to explore retail food production without the high cost of equipment or manufacturing space, and also provides much-needed technical assistance in food production and general business management education.

Currently, the ACSC has over 50 active users including **Peconic Escargot** (the only fresh escargot in the Northeast), **Divine Brine** (pickles), **North Fork Chocolate**, **Subtle Tea** and many other small producers hoping to grow from niche markets to more mainstream customers nationally. The Stony Brook food incubator boasts some fascinating stories like **Copia Granola** where Grace Marie Longinetti manufactures gluten free all natural non-GMO energy bars. Grace started in 2015 with an intern and no distribution and now has grown to fourteen accounts, four paid employees and two interns and locations in two “Taste of New York” locations across NYS. There are many similar success stories in LI’s incubators, home garages and borrowed commercial kitchens across LI. Our goal is to coax these budding entrepreneurs out of their home kitchens and incubators and help them access low-cost capital, mentoring and state and local programs to grow.



We hope to duplicate the success of the **Calverton Food Incubator** miles away in Nassau County where the region’s newest food incubator is being outfitted in Old Bethpage and run by Nassau County Parks with a \$200,000 LIREDC award. That project has issued a RFP to select a capable entity to run the new facility. The food incubator, which will tap **Cornell Co-op** food technology experts for mentoring and training, is expected to open in early 2018 and is anticipated to be the home of many fledgling foodies. With food incubators in both counties, the needed mentoring, support and training resources and an abundance of food manufacturing buildings available, the region’s food cluster seems healthy and the prospects for continued expansion look good.

The food cluster’s blend of tradition and technology, its re-invigoration of a legacy industry through innovation, makes it the perfect example of what the LIREDC is trying to accomplish by bringing together sectors, companies and people around strategies for economic growth.



WHAT WE'RE DOING ...



SHARON COOPER
WYANDANCH RESOURCE
CENTER

Sharon Cooper doesn't mince words.

"I was on social services because I was a drug addict, in and out of trouble," Sharon said. "I was a crack head, plain and simple."

Now, thanks to an LIREDC-supported workforce training program that prepares unemployed community members to benefit from the Opportunity Agenda revival in Wyandanch, Sharon, at 58, has become a productive role-model. "It's much better being an inspiration to my family and friends than a burden," she says. "It's great being a part of society."

"Sharon's life began to turn around a few years back when she spent 10 months 'getting clean in a residential drug treatment center.' Then she was directed to the Wyandanch Resource Center, which was set up by Babylon Town and Suffolk County in the shadow of a massive redevelopment at the Wyandanch Long Island Rail Road station. The Center has helped scores of Wyandanch-area residents receive workforce training, including 'soft' or social skills that can improve the chance of success. Some of them, whose stories have been highlighted in prior LIREDC reports, became members of building trades unions and gained the ability to find work beyond the Wyandanch project.

Sharon so impressed Resource Center officials with her work ethic that they hired her to work at the Center itself. "I was a little janitor," she says laughing. "Not a custodial engineer, just a janitor." But after two years, Sharon was ready to fly outside the elaborate trailer by the tracks. Right outside: She was hired by All Pro Parking to be an enforcement agent at the Wyandanch and Mineola commuter garages.

So now that she is off social services and working full time, how is Sharon doing? She was too humble to say herself, but according to Beverly Theodore, the talented and dedicated director of the Resource Center, Sharon was just named All Pro Parking Employee of the Month.

And she is good at her job: Just try parking illegally in Wyandanch and Mineola, and you just might find out how good.

Opportunity Agenda

The aspirations and accomplishments of our Opportunity Agenda continue to grow in Wyandanch and beyond, holistically revitalizing places and renewing people as a key inclusive strategy for economic growth.



Key Strategy: Revitalize Long Island's poorest places by targeting the region's collective resources on new community-driven initiatives that can create jobs, homes and businesses and ensure that all communities are fully participating in the state's economic revitalization.

Economic development cannot be successful unless its benefits are distributed fairly among people and places. From the first meeting of the Council and its work groups, that powerful premise has guided the creation and implementation of our Strategic Plan. As a result, we built equity criteria into project scoring in Round One, and when the state directed its councils to identify communities for concentrated reinvestment, in Round Three we selected Wyandanch – a high-need area where civic groups, local government, and businesses were poised and ready for redevelopment. Residents expressed their priorities through a series of community meetings and through the ongoing participation of several stakeholders in the council's Opportunity Agenda Work Group. Although excited by the prospect of investment, especially in leveraging its existing Long Island Rail Road station with TOD development, Wyandanch stakeholders stressed the need for programmatic funding to ensure that long-time residents were more than mere corollary beneficiaries. The "rising" had to be about more than beautiful new buildings.



Thus, the LIREDC has stressed and ensured that the creation of new residential and commercial space goes hand in hand with initiatives for job training, recreation, and social services. The development of Wyandanch Rising continues to transform the community, as the apartments in Buildings A and B are now occupied, along with an active outdoor plaza and retail in most of the storefronts. Last fall, the Albanese Corporation and the Community Development Corporation of Long Island started design on middle/mixed-income housing (Building E) and received a nine percent low income housing tax credit. The growing development will also host the Town of Babylon's Wyandanch Resource Center, a pillar of the area's economic development that provides a one-stop shop for job training and services. The center refers clients to several other Regional Council Award recipients, including programs such as the United Way of Long Island's VetsBuild and SNAP Opportunities program, which have trained 80 veterans and 60 youth in sustainable construction over multiple rounds.

WHAT WE'RE DOING ...



PABLO CARREA

HOFSTRA/NORTHWELL PIPELINE

Now at Dartmouth, Pablo says his rise from troubled Hempstead High School to an elite college was fueled by the dreams of his immigrant parents, an inspiring chemistry teacher and the Medical Scholars Pipeline, a program of the Zucker School of Medicine at Hofstra / Northwell.

"A lot of people were willing to settle for just graduating high school, but I have always wanted more than that," said Pablo, who was accepted to seven of the nation's top 20 schools and was the first of his family to attend college. "The Pipeline Program helped to show me that there was more."

A Hofstra/Northwell awardee through the LIREDC process, the Hofstra/Northwell Pipeline has propelled dozens of students from underserved communities to immerse themselves, in health care sciences and meet many impressive professionals, as well as high-flying peers, to serve as friends, mentors and role models. The students also receive SAT test prep.

"The career opportunities and lifelong friendships were incredible," said Pablo. "Without the Pipeline program, I never would have gotten into all the colleges that I did. And I never would have learned so much about myself as a person."

"The best part of being a student in this program is not the medical side but the human side," echoed Pipeline grad Carlos Lopez, III, who followed his sister Karen into the program and will begin his college career at New York University. "We have developed strong bonds with our counselors and each other—it has been an incredible journey."

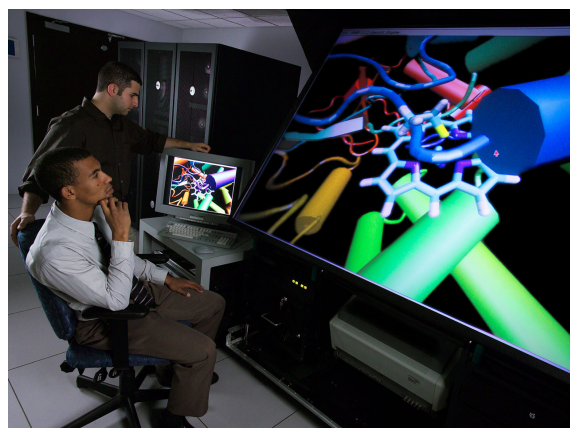
The program has impressed funders around the country, demonstrating the leveraging importance of state investment in promising programs, especially for underserved communities. "The diversity of the program as well as the commitment of the students, staff, and sponsors resonated with me," said Kelli A. Hunter, executive vice president of human resources, Ameriprise Financial. "I wanted to be a part of it."

Round Seven Priority Projects: Opportunity Agenda

This year, we propose several priority projects aimed at advancing the Opportunity Agenda, and further developing a cohesive system of affordable housing, job training, and community amenities:



The YMCA of Long Island is partnering with the Albanese Organization to build a 47,000 square foot facility in Wyandanch Plaza's Building D, which will complete Phase I of the Plaza. This facility's classrooms and recreational space will develop the untapped potential of children and teens by providing early and school-age child care and day camp in cooperation with the Wyandanch School District, as well as Achievement Gap programming, pre-teen/teen centers, and teen job training. Teens will benefit from mentor support that will address gang violence, drug abuse, and other high-risk behaviors. The YMCA will also support chronic disease prevention and recovery in partnership with HRH Care, including evidenced-based programs for diabetes prevention, youth obesity prevention, fall prevention, cancer recovery, and fitness for those with arthritis. This Y is a vital amenity for the entire community and will stimulate growth by driving retail and foot traffic to the area, as it has in communities such as Bay Shore and Patchogue. The Y anticipates creating 12 full-time and 75 part-time seasonal jobs, and recruiting employees locally.



Digital Ball Park a partnership between **Suffolk County, LISTnet** (Long Island Software Technology Network) and the **Urban League of Long Island**, plan to create a technology-focused incubator, and co-working, and event space in a retail storefront in the Wyandanch Village development. By building

this facility in the Wyandanch TOD, with its easy access to and from New York City by rail, the 110 Corridor, and the local downtown, the incubator will give new and growing businesses the visibility and flexibility they need, while contributing to the equity goals of the LIREDC. Grant funding for this project will support construction and space fit-out costs for the construction of ten to thirteen individual offices, as well as a reception/conference area for networking events.

WHAT WE'RE DOING ...



United Way of Long Island

The United Way of Long Island seeks funding for its Unemployed Worker Training Program (UWT), giving participants workforce skills with transferable industry-recognized BPI and green construction credentials that will open a pathway to a career and upward mobility. The program will target unemployed / dislocated workers and special populations – including those not college-bound in the near term – addressing skills gaps, poverty, and unemployment in a high-needs community. The program will support the worker talent pipeline in distressed communities.

Viability, Inc. proposes a skills development training program that will be hosted on site by Walgreens retail stores. The training will be divided into three weeks of paid, interactive training, during which trainees will put the retail skills they learn into practice on the sales floor. Trainees who successfully complete the program will be eligible for hire in Walgreens stores. Trainees will have a tool kit of transferable and soft skills that are relevant not only to retail, but to a wide variety of alternative industries.

The multi-faceted efforts in Wyandanch have melded elements of innovation, infrastructure, workforce training, natural assets and other regional priorities examined by our work groups. So it is no surprise the successful track record of Wyandanch Rising has inspired similar CFA initiatives elsewhere on the island, most notably in Huntington Station, where the resource center has collaborated with St. Joseph's College to provide hospitality training and on-site job fairs. We don't expect Huntington Station to be the last of these holistic initiatives nor will we abandon Wyandanch in moving beyond.



WHAT WE'RE DOING ...

IMPLEMENTATION AGENDA

Action Identified By Council	Progress To Date	Future Actions & Timeline
<i>Workforce, Education & Veterans</i>		
Bring Workforce and Education stakeholders together to develop cohesive training programs and job pathways	By encouraging collaborations with our partners at BOCES, regional high schools and secondary schools this year we were able to create partnerships to develop impactful training projects to train our existing and future workforce.	Continue to engage our education stakeholders at the college level but also conduct more outreach to and engage industry leaders to develop opportunities for internship and apprenticeship programs to further prepare our future regional workforce.
Develop sector based strategies to further workforce development goals	Through our sector-subcommittees we were able to survey current program training offerings, identify and develop projects to fill training program gaps with new industry-driven programs and are in the final stages to develop an on-line job posting site to assist in filling job vacancies.	Bridge on-line job posting site with NYS DOL and local Workforce Development Boards. Engage K-12 Guidance Counselor in the REDC process to educate them on active industry sectors and training program offerings available for careers in those sectors.
<i>Innovation</i>		
Grow and Retain Existing Long Island Bio Firms	A new Manufacturing Extension Partnership (MEP) was selected in 2016. Stony Brook University, a powerful bio tech driver, will now be the regional lead to provide manufacturing assistance to small and mid size firms with a focus on bio technology. In addition, Stony Brook University's Biotech CAT Center has been integrated with the Innovation work group.	The MEP Training group has worked closely with SBU BIO CAT to outreach to more bio and life science businesses and we have experienced a significant increase in DOL training requests from life science firms.
Strengthen Long Island's Innovation and Discovery Pipeline	ESD currently has received 6 applications from " SBIR research" firms requesting reimbursement for lab outfitting and equipment under the RC funded SBIR Matching program.	SBU received \$75 million State grant to construct a 70,000 s.f. research building to leverage the strengths in SBU's medicine and engineering schools to solve big data problems impacting drug discovery. The I-DIME building is expected to break ground in 2018. SBU's Mezzanine building supported with a \$2M RC grant to house incubator grads is anticipated to complete design and start construction in 2018.

WHAT WE'RE DOING ...

Action Identified By Council	Progress To Date	Future Actions & Timeline
Provide a more comprehensive portal to Export programs including developing an Export Tool Kit and create an Export Survey to assist ESD with trade show recruitment.	The Export Tool Kit is available and being utilized by "new to export" companies. There is better coordination among export programs from state and federal sources mainly through the Global NY work group. The Global NY workgroup is utilized to disseminate export programs and services. ESD has established a very robust suite of export programs and funding and held a kickoff information session in May of 2016. Many LI firms have applied for both Global NY grants and federally funded STEP grants to attend foreign trade shows. In 2016 and 2017 LI continued to be one of the top regions for companies applying for Global NY STEP grants.	ESD will provide stronger follow up services to companies attending export programs and those using the Export tool kit. ESD and Global workgroup will provide resources to complete a new export survey to establish a comprehensive and updated database of export firms. In the summer of 2017 a Full Time ESD intern was assigned to create a survey to develop a better database of LI mfrs. Over 300 surveys sent out and each received a follow up phone call. While only 25 companies are in the survey it is a strong start and each year it is anticipated that interns will add more LI mfrs to our export survey.
Host Export Seminars to help businesses develop export plans	May 2016 Export Program outlined new ESD Global NY programs and STEP program. Over 80 companies attended and new applications for funding export and trade show activities resulted. ESD plans for having its Director from Europe meet prospective LI export firms and also join with federal export panel at Stony Brook University. In 2016 and 2017 ESD has hosted workshops on doing business in Mexico, South Africa and Israel. In addition ESD brought the staff of ESD's London/Europe offices to LI to meet with companies interested in export to Europe and held meetings with 6 LI IDAs on how to better attract foreign investment to LI.	The Global NY workgroup will host export programs. ESD's Global NY division will lead effort and link it to recruitment for overseas trade shows and missions. ESD will work closer with U.S Commerce's LI team on joint export training. The newly designated Stony Brook University MEP will provide group export training throughout LI region.
<i>Infrastructure</i>		
Rebuild and expand infrastructure to improve job access, revitalize downtowns and transit hubs	We charged ourselves last year with better coordination between regional and local stakeholders to achieve consensus on planning sustainable, smart-growth development for the region. This year by conducting more outreach and speaking at stakeholder meetings we accomplished this task.	Engage community development and municipal representatives early, conduct more public informational session in order to become a greater catalyst for downtown revitalization initiatives in the region. Focus on placemaking in downtowns and near railroad stations.

WHAT WE'RE DOING ...

Action Identified By Council	Progress To Date	Future Actions & Timeline
<i>Natural Assets & Tourism</i>		
Learn the needs of the heritage food cluster, align existing and new strategies and support individual food businesses	Regional Council Grants, such as the "Agricultural Capital Equipment Grant Program," were established to aid individual companies (in this case, farmers) to purchase new production equipment, loans to purchase or renovate new factories and Excelsior tax credits tied to jobs as well as low cost electricity through PSEG and ReCharge NY. The NY Grown and Certified Grant was created this year to assist farmers to strengthen their marketing in competitive settings.	Effectively support the expansion of the "food" cluster. Financially support the regional infrastructure that individual food businesses need to grow with investments in cold storage, rail opportunities, global opportunities and expand upon targeted workforce training pertaining to our Natural Assets.
Produce a new generation of sustainable, well-paying jobs in the legacy sectors of agriculture, fisheries and tourism	Merger of Natural Assets and Path Through History Working Groups to encompass broader concepts and conversations. The creation of the NY Seafood Roundtable and actions have been taken to reach out to those who would benefit greatly from assistance.	Strengthen ideas and learn from the successes of each group. Improve upon project ideas that are working towards fruition. Assist and educate local farmers and fishermen of the various available funding opportunities.
<i>Opportunity Agenda</i>		
Provide continued support to the Wyandanch Community	By engaging additional local and regional stakeholders in Wyandanch we were able to foster applicants to apply for workforce development, training and community quality of life projects this year through the CFA.	Hold community stakeholder meetings to identify the additional community needs and discuss project concepts that can address those needs and how we as a region can implement those projects.
Replicate our best practices to other distressed communities on Long Island	In 2016 we set a goal to engage other distressed communities towards development of projects that have meaningful impacts on both the communities and its residents. As a result we have received applications from several other distressed communities such as Hempstead and Freeport seeking NYS funding for projects this year.	Encourage our other distressed communities to focus on workforce development projects in the upcoming year including internship and apprenticeship opportunities for high school students with businesses in their local communities to gain real world experience.

WHAT WE'RE DOING ...

Round Seven 2017 Proposed Priority Project Descriptions

Stony Brook University Center for Wide Bandgap Crystal Growth

Stony Brook University in collaboration with a leading Chinese silicon carbide manufacturer will create a new Center to research wide band semiconductors used in power electronics.

The Research Foundation for the State University of New York

CFA # 73436

Total Project cost		\$5,500,000	Amount Requested	\$2,000,000
County		Suffolk	REDC Funding Recommended	\$2,000,000
Direct/Permanent Jobs		18	Indirect/Construction Jobs	0/13
Retained Jobs		0	Past CFA Awards	n/a
Funding Sources	Public: \$2,000,000 ESD Grant; \$3,500,000 SBU/SUNY Research Foundation Private: \$0			
Use of Funds	Construction and Equipment			
REDC Strategy: Enhance and develop multi-faceted, interdisciplinary facilities aimed at incubating and accelerating the commercialization of innovative products generated at the region's premier research institutions, by linking scientists, engineers, and health and medical professionals to entrepreneurs and small businesses.				
NYS Priority: Supports the Regional Economic Cluster Plan				

Computational Genomics Center at Feinstein Institute for Medical Research

The Feinstein Institute for Medical Research in Manhasset will expand high speed data capabilities and establish a Computational Genomics Center.

Northwell Health

CFA # 74439

Total Project cost		\$8,000,000	Amount Requested	\$1,600,000
County		Nassau	REDC Funding Recommended	\$1,600,000
Direct/Permanent Jobs		16	Indirect/Construction Jobs	0/3
Retained Jobs		0	Past CFA Awards	n/a
Funding Sources	Public: \$ 1,600,000 ESD Grant Private: \$6,400,000			
Use of Funds	Building renovation and acquisition of new equipment			
REDC Strategy: Enhance and develop multi-faceted, interdisciplinary facilities aimed at incubating and accelerating the commercialization of innovative products generated at the region’s premier research institutions, by linking scientists, engineers, and health and medical professionals to entrepreneurs and small businesses.				
NYS Priority: Supports the Life Sciences Cluster				

Carman Place in Hempstead Village

The Community Development Corporation of Long Island will construct a mixed-use building in the distressed Village of Hempstead.

Community Development Corporation of Long Island

CFA # 74118

Total Project cost		\$93,441,156	Amount Requested	\$2,000,000
County		Nassau	REDC Funding Recommended	\$2,000,000
Direct/Permanent Jobs		7	Indirect/Construction Jobs	60/375
Retained Jobs		0	Past CFA Awards	n/a
Funding Sources	Public: \$2,000,000 ESD Grant; \$22,280,000 NYS HFA Loan Funds Private: \$69,161,156			
Use of Funds	Property Acquisition, Architectural/Engineering and Construction			
REDC Strategy: Revitalize Long Island’s poorest places by targeting the region’s collective resources on new community driven initiatives that can create jobs, homes and businesses and ensure that all communities are participating fully in the state’s economic revitalization.				
NYS Priority: Supports the Downtown Revitalization Plan				

WHAT WE'RE DOING ...

Greenport Harbor Aquaculture Marine Center

Harbor Lights Oyster Co., located in Greenport, will revitalize 4.3 acres of waterfront into a viable Aquaculture business with oysters as the cornerstone.

Harbor Lights Oyster Company, LLC

CFA # 74130

Total Project cost		\$1,500,000	Amount Requested	\$300,000
County		Suffolk	REDC Funding Recommended	\$249,000
Direct/Permanent Jobs		2	Indirect/Construction Jobs	0/37
Retained Jobs		1	Past CFA Awards	n/a
Funding Sources	Public: \$249,000 ESD Grant Private: \$1,251,000			
Use of Funds	Construction/Renovation, Equipment & Machinery, Architectural/Engineering			
REDC Strategy: Produce a new generation of sustainable, well-paying jobs in the legacy sectors of agriculture, aquaculture, fisheries and tourism by enhancing the economic value of our parks, historic places, and arts venues and organizations, and expanding export opportunities, infrastructure, recreation facilities, research partnerships and workforce training.				
NYS Priority: Supports the Downtown Revitalization Plan and Tradeable Sectors				

Wyandanch YMCA

YMCA of Long Island, Inc. will establish a community center in the heart of the Opportunity Agenda area of Wyandanch.

YMCA of Long Island, Inc.

CFA # 76133

Total Project cost		\$18,800,000	Amount Requested	\$6,000,000
County		Suffolk	REDC Funding Recommended	\$3,500,000
Direct/Permanent Jobs		12	Indirect/Construction Jobs	0/230
Retained Jobs		0	Past CFA Awards	n/a
Funding Sources	Public: \$3,500,000 ESD Grant; \$1,250,000 County Jump Start and \$14,050,000 New Market Tax Credits and other NYS Funding Private: \$1,250,000			
Use of Funds	Construction/Renovation			
REDC Strategy: Revitalize Long Island’s poorest places by targeting the region’s collective resources on new community driven initiatives that can create jobs, homes and businesses and ensure that all communities are participating fully in the state’s economic revitalization.				
NYS Priority: Supports the Downtown Revitalization Plan and Opportunity Agenda				

Center for Science Teaching and Learning Community STEM Centers

The Center for Science Teaching and Learning, a not-for-profit based in Rockville Centre will establish and staff nine community STEM Centers in high need Long Island communities.

Center for Science Teaching and Learning

CFA # 77132

Total Project cost		\$2,722,050	Amount Requested	\$544,410
County		Nassau	REDC Funding Recommended	\$544,000
Direct/Permanent Jobs		9	Indirect/Construction Jobs	20/0
Retained Jobs		0	Past CFA Awards	n/a
Funding Sources	Public: \$544,000 ESD Grant Private: \$2,178,050			
Use of Funds	Fixtures and equipment			
REDC Strategy: Create a cohesive education and workforce training strategy through partnerships among a range of stakeholders-business, trade groups, labor, government agencies, educational institutions, parents and students – with the goal of ensuring that workers from all of Long Island’s communities are prepared to take advantage of new job opportunities in key economic growth sectors.				
NYS Priority: Supports Workforce Development Strategies and Educational Collaboration				

WHAT WE'RE DOING ...

Hofstra University Chemistry Laboratory Expansion

Hofstra University will expand chemistry labs improving access for STEM students.

Hofstra University

CFA # 76692

Total Project cost		\$1,120,500	Amount Requested	\$560,000
County		Nassau	REDC Funding Recommended	\$560,000
Direct/Permanent Jobs		0	Indirect/Construction Jobs	0/0
Retained Jobs		0	Past CFA Awards	n/a
Funding Sources	Public: \$560,000 ESD Grant Private: \$560,500			
Use of Funds	Design and planning, renovation, furniture, fixtures and equipment			
REDC Strategy: Create a cohesive education and workforce training strategy through partnerships among a range of stakeholders-business, trade groups, labor, government agencies, educational institutions, parents and students – with the goal of ensuring that workers from all of Long Island’s communities are prepared to take advantage of new job opportunities in key economic growth sectors.				
NYS Priority: Supports Workforce Development Strategies and Educational Collaboration				

Cold Spring Harbor Laboratory Structural Biology Shared Screening Facility

Cold Spring Harbor Laboratory will invest in a new screening microscope to enhance life science research capabilities.

Cold Spring Harbor Laboratory

CFA # 74792

Total Project cost		\$650,000	Amount Requested	\$250,000
County		Nassau	REDC Funding Recommended	\$250,000
Direct/Permanent Jobs		0	Indirect/Construction Jobs	0/0
Retained Jobs		0	Past CFA Awards	n/a
Funding Sources	Public: \$250,000 ESD Grant Private: \$400,000			
Use of Funds	Scientific equipment			
REDC Strategy: Identify and support industry clusters, especially biotechnology, that possess the potential to bring together researchers, educators, investors, manufacturers and others in a collaborative effort to accelerate the commercialization of technical and scientific discovery and generate jobs at every rung of the employment ladder.				
NYS Priority: Supports the Life Sciences Cluster				

Wyandanch Digital Ballpark

Suffolk County, LISTnet (Long Island Software Technology Network) and the Urban League of Long Island will create a technology focused incubator, co-working and event space in a retail storefront in the Wyandanch Village development.

Suffolk County

CFA # 77177

Total Project cost		\$425,000	Amount Requested	\$212,500
County		Suffolk	REDC Funding Recommended	\$210,000
Direct/Permanent Jobs		0	Indirect/Construction Jobs	12/3
Retained Jobs		0	Past CFA Awards	n/a
Funding Sources	Public: \$210,000 ESD Grant, \$215,000 County match Private: \$0			
Use of Funds	Construction/Renovation			
REDC Strategy: Revitalize Long Island’s poorest places by targeting the region’s collective resources on new community driven initiatives that can create jobs, homes and businesses and ensure that all communities are participating fully in the state’s economic revitalization.				
NYS Priority: Supports the Downtown Revitalization Plan and Opportunity Agenda				

WHAT WE'RE DOING ...

Graphene Laboratories Inc.

Graphene Laboratories Inc. located in Calverton will relocate to a larger facility and acquire new machinery and equipment to expand their manufacturing capabilities.

Graphene Laboratories Inc.

CFA # 72614

Total Project cost		\$2,075,000	Amount Requested	\$500,000
County		Suffolk	REDC Funding Recommended	\$500,000
Direct/Permanent Jobs		9	Indirect/Construction Jobs	0/0
Retained Jobs		7	Past CFA Awards	n/a
Funding Sources	Public: \$500,000 ESD Grant Private: \$1,575,000			
Use of Funds	Construction/Renovation			
REDC Strategy: Produce a new generation of sustainable, well-paying jobs in the legacy sectors of agriculture, aquaculture, fisheries and tourism by enhancing the economic value of our parks, historic places, and arts venues and organizations, and expanding export opportunities, infrastructure, recreation facilities, research partnerships and workforce training.				
NYS Priority: Supports the Regional Economic Cluster Plan and Tradeable Sectors				

Manna Fish Farms

Manna Fish Farms, located approximately 8 miles off shore in the Shinnecock Inlet, will farm finfish, shellfish, and macro algae, while researching and developing integrated multi-trophic aquaculture (IMTA) in the open ocean.

Manna Fish Farms, Inc.

CFA # 72899

Total Project cost		\$1,255,500	Amount Requested	\$251,100
County		Suffolk	REDC Funding Recommended	\$249,000
Direct/Permanent Jobs		21	Indirect/Construction Jobs	0/0
Retained Jobs		2	Past CFA Awards	55044
Funding Sources	Public: \$249,000 ESD Grant Private: \$1,006,500			
Use of Funds	Machinery & Equipment			
REDC Strategy: Produce a new generation of sustainable, well-paying jobs in the legacy sectors of agriculture, aquaculture, fisheries and tourism by enhancing the economic value of our parks, historic places, and arts venues and organizations, and expanding export opportunities, infrastructure, recreation facilities, research partnerships and workforce training.				
NYS Priority: Supports the Regional Economic Cluster and Tradeable Sectors				

Terminal Modernization at Long Island Mac Arthur Airport

The Town of Islip will renovate and modernize the transportation facility at the MacArthur Airport terminal.

Town of Islip/MacArthur Airport

CFA # 74392

Total Project cost		\$3,200,000	Amount Requested	\$760,000
County		Suffolk	REDC Funding Recommended	\$760,000
Direct/Permanent Jobs		0	Indirect/Construction Jobs	0/14
Retained Jobs		0	Past CFA Awards	n/a
Funding Sources	Public: \$760, 000 ESD Grant Private: \$2,500,000			
Use of Funds	Construction			
REDC Strategy: Rebuild and expand infrastructure to improve job access, revitalize downtowns and transit HUBs, speed trade, and attract and retain dynamic regional businesses and highly-skilled workers. Attract travelers from across the globe by leveraging Long Island’s unique heritage and tourism assets to convey our rich contributions to American history, the arts and culture.				
NYS Priority: Supports tradeable sectors				

WHAT WE'RE DOING ...

Sag Harbor Cinema Project

The Sag Harbor Partnership will acquire, rebuild and restore the historic Sag Harbor Cinema that was damaged in a fire in 2016.

Sag Harbor Partnership

CFA # 75905

Total Project cost		\$12,000,000	Amount Requested	\$1,400,000
County		Suffolk	REDC Funding Recommended	\$1,400,000
Direct/Permanent Jobs		6	Indirect/Construction Jobs	12/10
Retained Jobs		0	Past CFA Awards	n/a
Funding Sources	Public: \$1,400,000 ESD Grant; \$4,600,000 NYSCA Private: \$6,000,000			
Use of Funds	Property Acquisition, Construction/Renovation			
REDC Strategy: Attract travelers from across the globe by leveraging Long Island’s unique heritage and tourism assets to convey rich contributions to American history, the arts and culture.				
NYS Priority: Supports the Downtown Revitalization Plan and Placemaking				

Emerging Technologies in Undergraduate Education at Farmingdale State

Farmingdale State College will renovate and equip multiple STEM teaching and lab spaces.

Research Foundation for SUNY on Behalf of Farmingdale State College

CFA # 74758

Total Project cost		\$2,075,000	Amount Requested	\$500,000
County		Suffolk	REDC Funding Recommended	\$500,000
Direct/Permanent Jobs		2	Indirect/Construction Jobs	0/0
Retained Jobs		0	Past CFA Awards	n/a
Funding Sources	Public: \$500,000 ESD Grant; \$1,575,000 SUNY Farmingdale Private: \$0			
Use of Funds	Building renovation; furnishings/equipment			
REDC Strategy: Create a cohesive education and workforce training strategy through partnerships among a range of stakeholders-business, trade groups, labor, government agencies, educational institutions, parents and students – with the goal of ensuring that workers from all of Long Island’s communities are prepared to take advantage of new job opportunities in key economic growth sectors.				
NYS Priority: Supports Workforce Development Strategies and Educational Collaboration				

Riverhead Apartments

Georgica Green will construct infrastructure for a mixed-use development in Downtown Riverhead included affordable residential along a Main Street corridor.

Georgica Green Ventures, LLC

CFA # 77083

Total Project cost		\$1,639,000	Amount Requested	\$300,000
County		Suffolk	REDC Funding Recommended	\$300,000
Direct/Permanent Jobs		0	Indirect/Construction Jobs	0/15
Retained Jobs		0	Past CFA Awards	n/a
Funding Sources	Public: \$300,000 ESD Grant; \$800,000 Suffolk County Private: \$539,000			
Use of Funds	Infrastructure			
REDC Strategy: Rebuild and expand infrastructure to improve job access, revitalize downtowns and transit HUBs, speed trade, and attract and retain dynamic regional businesses and highly-skilled workers.				
NYS Priority: Supports the Downtown Revitalization Plan				

WHAT WE'RE DOING ...

Autotronic Plastics, Inc Manufacturing

Autronic Plastics, Inc in Central Islip will renovate factory and add new metal fabrication operations to support new lighting product lines.

Autronic Plastics, Inc.

CFA # 73905

Total Project cost		\$1,034,000	Amount Requested	\$300,000
County		Suffolk	REDC Funding Recommended	\$300,000
Direct/Permanent Jobs		6	Indirect/Construction Jobs	0/3
Retained Jobs		95	Past CFA Awards	n/a
Funding Sources	Public: \$300,000 ESD Grant Private: \$734,100			
Use of Funds	Renovation and Equipment			
REDC Strategy: Reinvigorate Long Island’s manufacturing sector through continued transformation from traditional defense and aerospace work to advanced technology products, creating skilled, high value jobs and a network of nimble companies that can develop synergistic partnerships with companies in other regions of the state.				
NYS Priority: Supports the Regional Economic Cluster Plan and Tradeable Sectors				

Adelphi University Expansion of Life Science and Technology Labs

Adelphi University will expand several existing labs to enhance STEM and life science teaching spaces on campus.

Adelphi University

CFA # 77055

Total Project cost		\$1,982,000	Amount Requested	\$1,982,000
County		Nassau	REDC Funding Recommended	\$400,000
Direct/Permanent Jobs		1	Indirect/Construction Jobs	0/57
Retained Jobs		0	Past CFA Awards	n/a
Funding Sources	Public: \$400,000 ESD Grant Private: \$1,582,000			
Use of Funds	Renovation, furniture, fixtures and equipment			
REDC Strategy: Develop innovation and industry clusters in transformative locations across the region- including downtowns, brownfields and university, research and medical centers-by integrating the smart growth principles of transit-oriented development and vibrant community life.				
NYS Priority: Supports the Life Sciences Cluster and Workforce Development				

Research and Technology Innovation Bioengineering Laboratory

New York Institute of Technology in Old Westbury will create new bio medical, sensor and artificial intelligence labs.

New York Institute of Technology

CFA # 74998

Total Project cost		\$750,000	Amount Requested	\$150,000
County		Nassau	REDC Funding Recommended	\$150,000
Direct/Permanent Jobs		4	Indirect/Construction Jobs	4/0
Retained Jobs		0	Past CFA Awards	n/a
Funding Sources	Public: \$150,000 ESD Grant Private: \$600,000			
Use of Funds	Equipment, renovation/demo and soft costs			
REDC Strategy: Create a cohesive education and workforce training strategy through partnerships among a range of stakeholders-business, trade groups, labor, government agencies, educational institutions, parents and students – with the goal of ensuring that workers from all of Long Island’s communities are prepared to take advantage of new job opportunities in key economic growth sectors.				
NYS Priority: Supports Life Sciences Cluster and Workforce Development				

WHAT WE'RE DOING ...

Enzo Biochem Genetic Services

Enzo Biochem, Inc. located in Farmingdale will invest in facility improvements and new equipment to add genetic specimen testing.

Enzo Biochem, Inc.

CFA # 75138

Total Project cost		\$1,360,000	Amount Requested	\$272,000
County		Nassau	REDC Funding Recommended	\$272,000
Direct/Permanent Jobs		2	Indirect/Construction Jobs	0/10
Retained Jobs		0	Past CFA Awards	n/a
Funding Sources	Public: \$272,000 ESD Grant Private: \$1,088,000			
Use of Funds	Renovations, equipment, furniture/fixtures and soft costs			
REDC Strategy: Identify and support industry clusters, especially biotechnology, that possess the potential to bring together researchers, educators, investors, manufacturers and others in a collaborative effort to accelerate the commercialization of technical and scientific discovery and generate jobs at every rung of the employment ladder.				
NYS Priority: Supports the Regional Economic Cluster Plan				

Village of Port Jefferson Downtown Revitalization Initiative

The Village of Port Jefferson will reconstruct Station Street to mitigate traffic congestion in Phase I of their Upper Port revitalization plan.

Village of Port Jefferson

CFA # 76071

Total Project cost		\$711,150	Amount Requested	\$355,575
County		Suffolk	REDC Funding Recommended	\$350,000
Direct/Permanent Jobs		0	Indirect/Construction Jobs	0/10
Retained Jobs		0	Past CFA Awards	n/a
Funding Sources	Public: \$350,000 ESD Grant; \$361,150 Village Funds Private: \$0			
Use of Funds	Construction			
REDC Strategy: Develop innovation and industry clusters in transformative locations across the region- including downtowns, brownfields and university, research and medical centers-by integrating the smart growth principles of transit-oriented development and vibrant community life.				
NYS Priority: Supports the Downtown Revitalization Plan				

Thuro Metal Products

Thuro Metal Products Inc., located in Brentwood, will acquire a new facility and purchase new machinery and equipment to increase their manufacturing capabilities.

Thuro Metal Products Inc.

CFA # 77165

Total Project cost		\$380,750	Amount Requested	\$57,500
County		Suffolk	REDC Funding Recommended	\$56,000
Direct/Permanent Jobs		2	Indirect/Construction Jobs	0/0
Retained Jobs		54	Past CFA Awards	22688
Funding Sources	Public: \$56,000 ESD Grant Private: \$324,750			
Use of Funds	Machinery and Equipment			
REDC Strategy: Reinvigorate Long Island’s manufacturing sector through continued transformation from traditional defense and aerospace work to advanced technology products, creating skilled, high-value jobs and a network of nimble companies that can develop synergistic partnerships with companies in other regions of the state.				
NYS Priority: Supports the Regional Economic Cluster Plan				

WHAT WE'RE DOING ...

Point Lookout Sewer

Nassau County will plan, design and construct sewer infrastructure for a new collection system to connect to the existing treatment facility in Long Beach.

Nassau County Department of Public Works

CFA # 75173

Total Project cost		\$35,579,000	Amount Requested	\$7,114,000
County		Nassau	REDC Funding Recommended	\$1,000,000
Direct/Permanent Jobs		0	Indirect/Construction Jobs	0/214
Retained Jobs		0	Past CFA Awards	n/a
Funding Sources	Public: \$1,000,000 ESD Grant; \$34,579,000 Nassau County Private: \$0			
Use of Funds	Architectural/Engineering and Construction			
REDC Strategy: Rebuild and expand infrastructure to improve job access, revitalize downtowns and transit HUBs, speed trade, and attract and retain dynamic regional businesses and highly-skilled workers.				
NYS Priority: Supports the Downtown Revitalization Plan				

SUNation Solar Systems

SUNation Solar Systems located in Ronkonkoma will acquire a new facility and purchase new machinery and equipment to expand their distribution capabilities.

SUNation Solar Systems

CFA # 76718

Total Project cost		\$3,339,796	Amount Requested	\$667,959
County		Suffolk	REDC Funding Recommended	\$150,000
Direct/Permanent Jobs		36	Indirect/Construction Jobs	0/7
Retained Jobs		98	Past CFA Awards	n/a
Funding Sources	Public: \$150,000 ESD Grant Private: \$3,189,796			
Use of Funds	Machinery and Equipment acquisition			
REDC Strategy: Reininvigorate Long Island’s manufacturing sector through continued transformation from traditional defense and aerospace work to advanced technology products, creating skilled, high-value jobs and a network of nimble companies that can develop synergistic partnerships with companies in other regions of the state.				
NYS Priority: Supports the Regional Economic Cluster Plan				

Oerlikon Metco, Co. Inc.

Oerlikon Metco, a Westbury surface solutions company, will purchase equipment to increase its manufacturing capabilities and maintain and expand their global market share.

Oerlikon Metco, Co. Inc.

CFA # 69812

Total Project cost		\$4,000,000	Amount Requested	\$800,000
County		Nassau	REDC Funding Recommended	\$100,000
Direct/Permanent Jobs		4	Indirect/Construction Jobs	0/2
Retained Jobs		275	Past CFA Awards	n/a
Funding Sources	Public: \$100,000 ESD Grant Private: \$3,900,000			
Use of Funds	Machinery and Equipment, Construction/Renovation			
REDC Strategy: Augment the export capacity of Long Island companies and attract foreign direct investment in the region by bringing together experienced exporters, relevant government agencies and our world class education and research institutions to identify and pursue potential business opportunities overseas.				
NYS Priority: Supports Tradeable Sectors				

WHAT WE'RE DOING ...

Elmont-Belmont Community Renewal

The Town of Hempstead will revitalize this "Gateway to Long Island" property through demolition and rehabilitation of commercial buildings and streetscaping.

Town of Hempstead

CFA # 73445

Total Project cost		\$4,576,588	Amount Requested	\$1,576,088
County		Nassau	REDC Funding Recommended	\$750,000
Direct/Permanent Jobs		0	Indirect/Construction Jobs	0/43
Retained Jobs		0	Past CFA Awards	n/a
Funding Sources	Public: \$750,000 ESD Grant; \$1,986,345 Federal, Local Private: \$1,840,1234			
Use of Funds	Demolition, Rehabilitation			
REDC Strategy: Rebuild and expand infrastructure to improve job access, revitalize downtowns and transit HUBs, speed trade, and attract and retain dynamic regional businesses and highly-skilled workers. Revitalize Long Island’s poorest places by targeting the region’s collective resources on new community driven initiatives that can create jobs, homes and businesses and ensure that all communities are participating fully in the state’s economic revitalization.				
NYS Priority: Supports the Downtown Revitalization Plan				

Downtown Huntington Parking Garage

The Town of Huntington Local Development Corporation will construct a new public parking garage to meet recent downtown development needs.

The Town of Huntington Local Development Corporation

CFA # 74092

Total Project cost		\$16,400,000	Amount Requested	\$3,280,000
County		Suffolk	REDC Funding Recommended	\$1,300,000
Direct/Permanent Jobs		5	Indirect/Construction Jobs	1/100
Retained Jobs		0	Past CFA Awards	n/a
Funding Sources	Public: \$1,300,000 ESD Grant; \$15,100,000 Town of Huntington LDC Sale of Tax Exempt Bonds Private: \$0			
Use of Funds	Construction/Renovation			
REDC Strategy: Develop innovation and industry clusters in transformative locations across the region- including downtowns, brownfields and university, research and medical centers-by integrating the smart growth principles of transit-oriented development and vibrant community life.				
NYS Priority: Supports the Downtown Revitalization Plan				

Riverside Maritime Trail

The Town of Southampton will design and construct the Riverside Maritime Trail located along the Peconic River in Riverside and adjacent to the town of Riverhead's downtown business district.

Town of Southampton

CFA # 74476

Total Project cost		\$520,000	Amount Requested	\$104,000
County		Suffolk	REDC Funding Recommended	\$26,000
Direct/Permanent Jobs		0	Indirect/Construction Jobs	0/5
Retained Jobs		0	Past CFA Awards	n/a
Funding Sources	Public: \$26,000 ESD Grant; \$442,000 EPF LWRP Funds Private: \$52,000			
Use of Funds	Construction/Renovation			
REDC Strategy: Attract travelers from across the globe by leveraging Long Island’s unique heritage and tourism assets to convey rich contributions to American history, the arts and culture.				
NYS Priority: Supports the Downtown Revitalization Plan				

WHAT WE'RE DOING ...

Village of Sag Harbor Long Wharf Rehabilitation Project

Sag Harbor will construct and rehabilitate the Long Wharf including bulkhead, guard rails, lighting and seating.

Inc. Village of Sag Harbor

CFA # 74744

Total Project cost		\$2,928,500	Amount Requested	\$585,700
County		Suffolk	REDC Funding Recommended	\$550,000
Direct/Permanent Jobs		0	Indirect/Construction Jobs	0/10
Retained Jobs		0	Past CFA Awards	n/a
Funding Sources	Public: \$550,000 ESD Grant; \$1,610,675 NYS LWRP; Suffolk County \$250,000 Private: \$517,825			
Use of Funds	Construction			
REDC Strategy: Rebuild and expand infrastructure to improve job access, revitalize downtowns and transit HUBs, speed trade, and attract and retain dynamic regional businesses and highly-skilled workers.				
NYS Priority: Supports the Downtown Revitalization Plan				

Town of Riverhead Parking Relief Plan

The Town of Riverhead will complete a Strategic Parking Plan for Downtown Riverhead in order to assess the parking barriers and needs of the community.

Town of Riverhead

CFA # 74960

Total Project cost		\$22,800	Amount Requested	\$11,400
County		Suffolk	REDC Funding Recommended	\$10,000
Direct/Permanent Jobs		0	Indirect/Construction Jobs	0/0
Retained Jobs		0	Past CFA Awards	n/a
Funding Sources	Public: \$11,400 ESD SPFS, \$11,400 Local Private: \$0			
Use of Funds	Contractual Services			
REDC Strategy: Rebuild and expand infrastructure to improve job access, revitalize downtowns and transit HUBs, speed trade, and attract and retain dynamic regional businesses and highly-skilled workers.				
NYS Priority: Supports the Downtown Revitalization Plan				



WHAT WE'RE DOING ...

Village of Lindenhurst Downtown Development Plan

The Village of Lindenhurst will complete the master plan that will include an assessment of the re-use potential of underutilized properties, the provision of parking in central business district, and the evaluation of residential relocation opportunities for residents South of Montauk Highway.

Inc. Village of Lindenhurst

CFA # 76064

Total Project cost		\$100,000	Amount Requested	\$50,000
County		Suffolk	REDC Funding Recommended	\$40,000
Direct/Permanent Jobs		0	Indirect/Construction Jobs	0/0
Retained Jobs		0	Past CFA Awards	n/a
Funding Sources	Public: \$50,000 ESD SPFS, \$50,000 Village Private: \$0			
Use of Funds	Contractual Services			
REDC Strategy: Rebuild and expand infrastructure to improve job access, revitalize downtowns and transit HUBs, speed trade, and attract and retain dynamic regional businesses and highly-skilled workers. Protect Long Island from the perils of climate change at the same time encourage new “cleaner, greener” industries by leading collaborative regional efforts to harden our infrastructure, businesses and homes against the next major storm and to encourage transportation, energy and construction policies that reduce our vulnerability, as well as our carbon footprint.				
NYS Priority: Supports the Downtown Revitalization Plan				

Downtown Kings Park Pedestrian and Streetscape Improvements

Suffolk County, in collaboration with the Kings Park Chamber of Commerce, will complete pedestrian and streetscape improvements in the downtown Kings Park area, which is part of a concerted effort to bolster the Kings Park downtown.

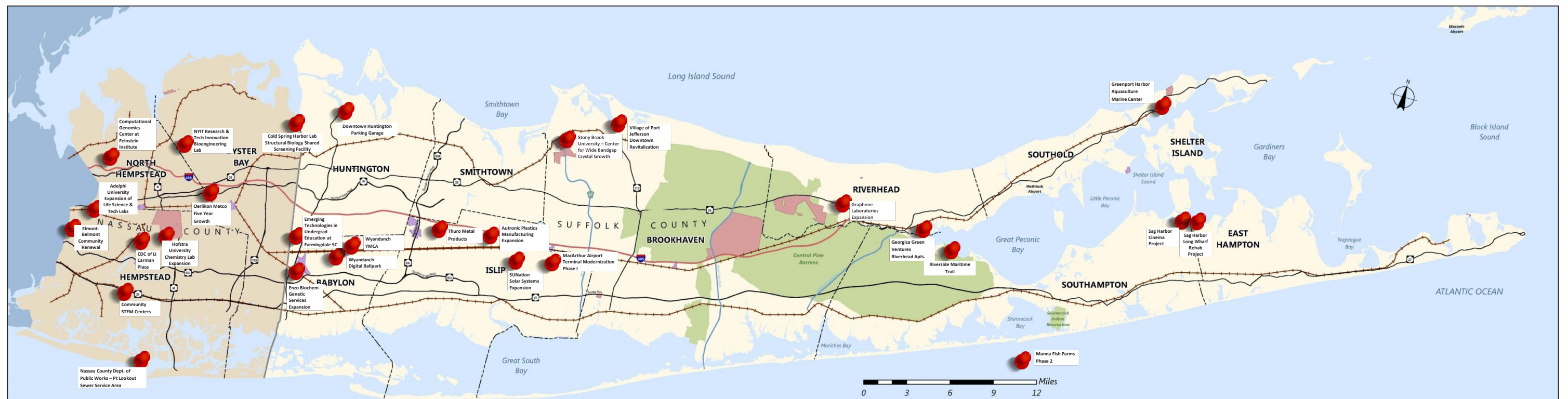
Suffolk County

CFA # 73683

Total Project cost		\$150,000	Amount Requested	\$75,000
County		Suffolk	REDC Funding Recommended	\$50,000
Direct/Permanent Jobs		0	Indirect/Construction Jobs	0/0
Retained Jobs		0	Past CFA Awards	n/a
Funding Sources	Public: \$75,000 ESD SPFS, \$75,000 Local Private: \$0			
Use of Funds	Contractual Services			
REDC Strategy: Rebuild and expand infrastructure to improve job access, revitalize downtowns and transit HUBs, speed trade, and attract and retain dynamic regional businesses and highly-skilled workers.				
NYS Priority: Supports the Downtown Revitalization Plan				



The Long Island Economic Development Council's Priority Projects



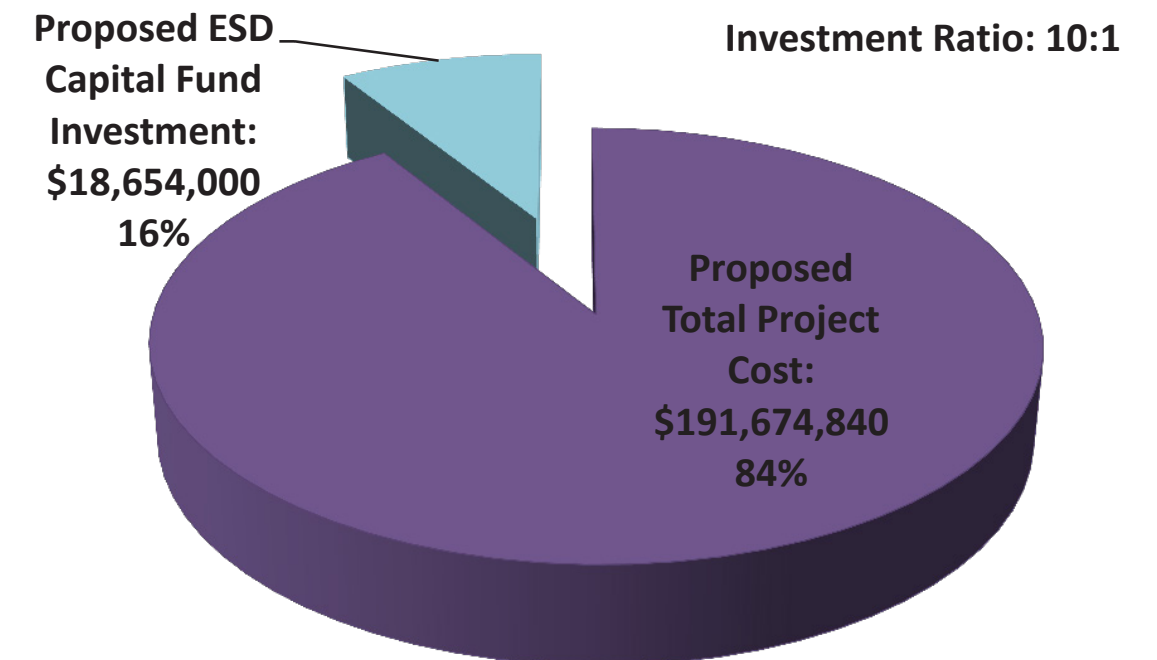


Long Island Regional Economic Development Council


Long Island Regional Council's Proposed Priority and Regionally Significant Projects




Round Seven Overall Investment Ratio for Proposed Priority Projects



*Excludes Public Infrastructure Projects

	<p style="text-align: center;">Long Island Round 7 Priority & Regionally Significant Projects</p> <p style="text-align: center;">Recommendations for <u>Competitive Capital</u> Funding</p>									
Project	Description	CFA #	Existing Jobs	Direct Jobs Created	Total Jobs	Indirect Jobs	Construction Jobs	Total Project Cost	NYS Funds Recommended \$20 Million	NYS Funds Recommended \$10 Million
Stony Brook University Center for Wide Bandgap Crystal Growth	Stony Brook University in collaboration with a leading Chinese silicon carbide manufacturer will create a new Center to research wide band semiconductors used in power electronics.	73436	5	18	23	0	13	\$ 5,500,000	\$ 2,000,000	\$ 1,500,000
Computational Genomics Center at Feinstein Institute for Medical Research	The Feinstein Institute for Medical research in Manhasset will expand high speed data capabilities and establish a Computational Genomics Center.	74439	0	16	16	0	3	\$ 8,000,000	\$ 1,600,000	\$ 1,000,000
Carman Place	The Community Development Corporation of Long Island will construct a mixed-use building in the distressed Village of Hempstead.	74118	0	7	0	60	375	\$ 93,441,156	\$ 2,000,000	\$ 1,000,000
Greenport Harbor Aquaculture Marine Center	Harbor Lights Oyster Co., located in Greenport, will revitalize 4.3 acres of waterfront into a viable Aquaculture business with oysters as the cornerstone.	74130	1	2	3	0	37	\$ 1,500,000	\$ 249,000	\$ 249,000
Wyandanch YMCA	YMCA of Long Island, Inc. will establish a community center in the heart of the Opportunity Agenda area of Wyandanch.	76133	0	12	12	0	230	\$ 18,800,000	\$ 3,500,000	\$ 1,000,000
Center for Science Teaching and Learning Community STEM Centers	The Center for Science Teaching and Learning, a not-for-profit based in Rockville Centre will establish and staff nine community STEM Centers in high need Long Island communities.	77132	0	9	9	20	0	\$ 2,722,050	\$ 544,000	\$ 500,000
Hofstra University Chemistry Laboratory Expansion	Hofstra University will expand chemistry labs improving access for STEM students.	76692	0	0	0	0	0	\$ 1,120,500	\$ 560,000	\$ 500,000
Cold Spring Harbor Laboratory Structural Biology Shared Screening Facility	Cold Spring Harbor Laboratory will invest in a new screening microscope to enhance life science research capabilities.	74792	0	0	0	0	0	\$ 650,000	\$ 250,000	\$ 200,000
Wyandanch Digital Ballpark	LISTnet (Long Island Software Technology Network) and the Urban League of Long Island will create a technology focused incubator, co-working and event space in a retail storefront in the Wyandanch Village development.	77177	0	0	0	12	3	\$ 425,000	\$ 210,000	\$ 210,000
Graphene Laboratories Inc.	Graphene Laboratories Inc. located in Calverton will relocate to a larger facility and acquire new machinery and equipment to expand their manufacturing capabilities.	72614	7	9	16	0	0	\$ 2,075,000	\$ 500,000	\$ 300,000
Manna Fish Farms	Manna Fish Farms, located approximately 8 miles off shore in the Shinnecock Inlet, will farm finfish, shellfish, and macro algae, while researching and developing integrated multi-trophic aquaculture (IMTA) in the open ocean.	72899	2	21	23	0	0	\$ 1,255,500	\$ 249,000	\$ 249,000
Terminal Modernization, MacArthur Airport	The Town of Islip will renovate and modernize the transportation facility at the MacArthur Airport terminal.	74392	0	0	0	0	14	\$ 3,200,000	\$ 760,000	\$ 500,000
Sag Harbor Cinema	The Sag Harbor Partnership will acquire, rebuild and restore the historic Sag Harbor Cinema that was damaged in a fire in 2016.	75905	0	6	6	12	10	\$ 12,000,000	\$ 1,400,000	\$ 500,000
Emerging Technologies in Undergraduate Education at Farmingdale State College	Farmingdale State College will renovate and equip multiple STEM teaching and lab spaces.	74758	0	2	2	0	0	\$ 2,075,000	\$ 500,000	\$ 500,000

	<p style="text-align: center;">Long Island Round 7 Priority & Regionally Significant Projects</p> <p style="text-align: center;">Recommendations for <u>Competitive Capital</u> Funding</p>									
Project	Description	CFA #	Existing Jobs	Direct Jobs Created	Total Jobs	Indirect Jobs	Construction Jobs	Total Project Cost	NYS Funds Recommended \$20 Million	NYS Funds Recommended \$10 Million
Riverhead Apartments	Georgica Green will construct infrastructure for a mixed-use development in Downtown Riverhead including affordable residential along Main Street corridor.	77083	0	0	0	0	15	\$ 1,639,000	\$ 300,000	\$ 300,000
Autronic Plastics, Inc. Manufacturing	Autronic Plastics, Inc in Central Islip will renovate factory and add new metal fabrication operations to support new lighting product lines.	73905	95	6	101	0	3	\$ 1,034,000	\$ 300,000	\$ 150,000
Adelphi University Expansion of Life Science and Technology Labs	Adelphi University will expand several existing labs to enhance STEM and life science teaching spaces on campus.	77055	0	1	1	0	57	\$ 1,982,000	\$ 400,000	\$ 300,000
Research and Technology Innovation Bioengineering Laboratory at New York Institute of Technology	New York Institute of Technology in Old Westbury will create new bio medical, sensor and artificial intelligence labs.	74998	0	4	4	4	0	\$ 750,000	\$ 150,000	\$ 150,000
Enzo Biochem Genetic Services	Enzo Biochem, Inc. located in Farmingdale will invest in facility improvements and new equipment to add genetic specimen testing.	75138	0	2	2	0	10	\$ 1,360,000	\$ 272,000	\$ 200,000
Village of Port Jefferson Downtown Revitalization	The Village of Port Jefferson will reconstruct Station Street to mitigate traffic congestion in Phase I of their Upper Port revitalization plan.	76071	0	0	0	0	10	\$ 711,150	\$ 350,000	\$ 175,000
Thuro Metal Products	Thuro Metal Products Inc. located in Brentwood will acquire a new facility and purchase new machinery and equipment to increase their manufacturing capabilities.	77165	54	2	56	0	0	\$ 380,750	\$ 56,000	\$ 50,000
Point Lookout Sewer	Nassau County will plan, design and construct sewer infrastructure for a new collection system to connect to the existing treatment facility in Long Beach.	75173	0	0	0	0	214	\$ 35,579,000	\$ 1,000,000	\$ 100,000
SUNation Solar Systems	SUNation Solar Systems located in Ronkonkoma will acquire a new facility and purchase new machinery and equipment to expand their distribution capabilities.	76718	98	36	134	0	7	\$ 3,339,796	\$ 150,000	\$ 125,000
Oerlikon Metco, Co, Inc.	Oerlikon Metco, a Westbury surface solutions company, will purchase equipment to increase its manufacturing capabilities and maintain and expand their global market share.	69812	275	4	279	0	2	\$ 4,000,000	\$ 100,000	\$ 100,000
Elmont-Belmont Community Renewal	The Town of Hempstead will revitalize this "Gateway to Long Island" property through demolition and rehabilitation of commercial buildings and street scaping.	73445	0	0	0	0	43	\$ 4,576,588	\$ 750,000	\$ 200,000
Downtown Huntington Parking Garage	Town of Huntington Local Development Corporation will construct a new public parking garage to meet recent downtown development needs.	74092	0	5	5	1	100	\$ 16,400,000	\$ 1,300,000	\$ -
Riverside Maritime Trail	The Town of Southampton will design and construct the Riverside Maritime Trail located along the Peconic River in Riverside and adjacent to the town of Riverhead's downtown business district.	74476	0	0	0	0	5	\$ 520,000	\$ 26,000	\$ -
Village of Sag Harbor Long Wharf Rehabilitation Project	Sag Harbor will construct and rehabilitate the Long Wharf including bulkhead, guard rails, lighting and seating.	74744	0	0	0	0	10	\$ 2,928,500	\$ 550,000	\$ -
Recommended Funding		28 Projects	537	162	692	109	1161	\$ 227,964,990	\$ 20,026,000	\$ 10,058,000



Long Island Round 7 Priority & Regionally Significant Projects

Recommendations

Project	Description	CFA #	Jobs Created	Construction Jobs	Total Project Cost	NYS Funds Recommended \$20 Million	NYS Funds Recommended \$10 Million
Strategic Planning & Feasibility Studies Recommendations							
Downtown Kings Park Pedestrian and Streetscape Improvements	Suffolk County, in collaboration with the Kings Park Chamber of Commerce, will study complete pedestrian and streetscape improvements in the downtown Kings Park area.	73683	0	0	\$ 150,000	\$ 50,000	\$ 50,000
Village of Lindenhurst Downtown Development Plan	The Village of Lindenhurst will complete its master plan that will include an assessment of the re-use potential of underutilized properties, parking in the central business district, and the evaluation of residential relocation opportunities for residents South of Montauk Highway.	76064	0	0	\$ 100,000	\$ 40,000	\$ 40,000
Town of Riverhead Parking Relief Plan	The Town of Riverhead will complete a Strategic Parking Plan for Downtown Riverhead in order to assess the parking barriers and needs of the community.	74960	0	0	\$ 22,800	\$ 10,000	\$ 10,000
Recommended Funding		3 Projects	0	0	\$272,800	\$100,000	\$100,000
Excelsior Jobs Program Recommendations							
Project	Description	CFA #	Jobs Created	Construction Jobs	Total Project Cost	NYS Funds Recommended	
Johnson & Hoffman Manufacturing	Johnson & Hoffman, LLC in Carle Place will invest in facilities and equipment to expand and diversify manufacturing operations.	70531	25	2	\$1,275,000	\$845,000	
Eastern Wholesale Fence LLC Manufacturing	Eastern Wholesale Fence LLC will increase their manufacturing capabilities with the creation of a new production line - PVC resin blending operation.	72834	30	6	\$5,260,661	\$775,000	
EXCELSIOR TOTALS		2 Projects	55	8	\$ 6,535,661	\$ 1,620,000	



Long Island
Regional Economic
Development Council



*Round Seven
Priority and Regionally
Significant Projects*



WHAT WE'RE DOING ...

ESD PRIORITY PROJECTS RELATING TO STATE PRIORITIES

CFA #	Project Name	Eligible Agencies	Advances Regional Priorities	Supports Life Sciences	Supports the Regional Cluster Plan	Supports Downtown Revitalization	Supports Workforce Training/Development	Supports the Opportunity Agenda	Support Opportunities for Veterans	Supports Government Efficiency	Supports Tradeable Sec
73436	Stony Brook University Center for Wide Bandgap Crystal Growth	ESD									
74439	Computational Genomics Center at Feinstein Institute for Medical Research	ESD									
74118	Carman Place	ESD									
74130	Greenport Harbor Aquaculture Marine Center	ESD									
76133	Wyandanch YMCA	ESD									
77132	Center for Science Teaching and Learning Community STEM Centers	ESD									
76692	Hofstra University Chemistry Laboratory Expansion	ESD									
74792	Cold Spring Harbor Laboratory Structural Biology Shared Screening Facility	ESD									
77177	Wyandanch Digital Ballpark	ESD									
72614	Graphene Laboratories Inc. Manufacturing Expansion	ESD									
72899	Manna Fish Farms Phase Two	ESD									
74392	Terminal Modernization, MacArthur Airport	ESD									
75905	Sag Harbor Cinema	ESD									
74758	Emerging Technologies in Undergraduate Education at Farmingdale State College	ESD									
77083	Georgica Green Riverhead Apartments	ESD									
73905	Autronic Plastics	ESD									
77055	Adelphi University Expansion of Life Science and Technology Labs	ESD									
74998	Research and Technology Innovation Bioengineering Laboratory at New York Institute of Technology	ESD									
75138	Enzo Biochem	ESD									
76071	Village of Port Jefferson Downtown Revitalization	ESD									
77165	Thuro Metal Manufacturing	ESD									
75173	Point Lookout Sewer	ESD									
76718	SUNation Solar Systems	ESD									
69812	Oerlikon Metco, Co, Inc.	ESD									
73445	Elmont-Belmont Community Renewal	ESD									
74092	Downtown Huntington Parking Garage	ESD									
74476	Riverside Maritime Trail	ESD									
74744	Village of Sag Harbor Long Wharf Rehabilitation Project	ESD									
73683	Downtown Kings Park Pedestrian and Streetscape Improvements	ESD									
76064	Village of Lindenhurst Downtown Development Plan	ESD									

WHAT WE'RE DOING ...

NON-ESD PRIORITY AND REGIONALLY SIGNIFICANT PROJECT RELATED TO STATE PRIORITIES

CFA #	Business Name	Project Name	Eligible Programs	Advances Regional Priorities	Supports Life Sciences	Supports the Regional Cluster Plan	Supports Downtown Revitalization	Supports Workforce Training/Development	Supports the Opportunity Agenda Initiative	Support Opportunities for Veterans	Supports Government Efficiency	Supports Tradeable Sectors
76759	Peconic Land Trust	New York State Grown and Certified	NY Grown & Certified Agricultural Producer's Grant Program									
72742	LBNYArts Council	First Fridays	Arts and Cultural Impact Programming									
72404	Town of Brookhaven	A Strategy for Climate Smart South Shore Communities	2017 Climate Smart Communities Grants									
75521	Town of Brookhaven	North Bellport Sewage Collection System Plan Map Report	Engineering Planning Grant Program									
74562	Inc. Village of Westhampton Beach	Westhampton Beach Sewer System for Moniebogue Bay	Engineering Planning Grant Program									
72275	Inc. Village of Patchogue	Patchogue Advanced Wastewater Treatment Facility Expansion	Engineering Planning Grant Program									
72433	Inc Village of Manorhaven	Manorhaven Sewer Infrastructure Upgrades Project	Engineering Planning Grant Program									
76570	Town of East Hampton	Downtown Montauk Wastewater Management	Water Quality Improvement Project (WQIP) Program									
76999	Springs School Union Free School District	Springs School Innovative Wastewater System	Water Quality Improvement Project (WQIP) Program									
76473	Village of Northport	Pit And Bluff Point	Water Quality Improvement Project (WQIP) Program									
75145	Town of Babylon	Town of Babylon Highway Yard MS4 Upgrades	Water Quality Improvement Project (WQIP) Program									
76034	Town of Brookhaven	Water Quality Improvements at Town Hall	Water Quality Improvement Project (WQIP) Program									
74202	Inc Village of Bayville	Bayville Bluff Sunset Park	Water Quality Improvement Project (WQIP) Program									
75509	Suffolk County Soil Water Conservation District	Stormwater Runoff Remediation Protection of Richmond Creek	Water Quality Improvement Project (WQIP) Program									

WHAT WE'RE DOING ...

NON-ESD PRIORITY AND REGIONALLY SIGNIFICANT PROJECT RELATED TO STATE PRIORITIES

CFA #	Business Name	Project Name	Eligible Programs	Advances Regional Priorities	Supports Life Sciences	Supports the Regional Cluster Plan	Supports Downtown Revitalization	Supports Workforce Training/Development	Supports the Opportunity Agenda Initiative	Support Opportunities for Veterans	Supports Government Efficiency	Supports Tradeable Sectors
75200	Suffolk County	Lake Ronkonkoma Municipal Wastewater Upgrades	Water Quality Improvement Project (WQIP) Program									
73479	City of Long Beach	City of Long Beach Flow Diversion Project	Water Quality Improvement Project (WQIP) Program									
73128	Peconic Land Trust	Regional Aquifer Protection Land Aquisition Program	Water Quality Improvement Project (WQIP) Program									
72201	Inc Village of Sea Cliff	Sea Cliff Sanitary Sewer Connection to Glen Cove WWTP	Water Quality Improvement Project (WQIP) Program									
73986	Cornell Cooperative Extension of Suffolk County	Bay Scallop Restoration of the Huntington Bay Complex	Water Quality Improvement Project (WQIP) Program									
72402	Town of Brookhaven	Safeguarding Our Sole Source Aquifer with Salt Shed Structures	Water Quality Improvement Project (WQIP) Program									
73777	Village of Patchogue	Shorefront Shoreline Protection Construction Project	Environmental Protection Fund: Parks, Preservation and Heritage Grants, Local Waterfront Revitalization Program, Water Quality Improvement Project (WQIP) Program									
75728	Spectronics Corporation	Spectronics 20172018	Existing Employee Training Program									
75606	John T Mather Memorial Hospital	Existing Employees Training	Existing Employee Training Program									
75152	South Nassau Communities Hospital	Existing Employee Training (CFA 7)	Existing Employee Training Program									
74732	EPIC Long Island	EPIC Management Development Program	Existing Employee Training Program									
74641	Qosina Corp	Qosina Employee Training	Existing Employee Training Program									
74567	Brookhaven Memorial Hospital Medical Center	Employee Training	Existing Employee Training Program									

WHAT WE'RE DOING ...

NON-ESD PRIORITY AND REGIONALLY SIGNIFICANT PROJECT RELATED TO STATE PRIORITIES

CFA #	Business Name	Project Name	Eligible Programs	Advances Regional Priorities	Supports Life Sciences	Supports the Regional Cluster Plan	Supports Downtown Revitalization	Supports Workforce Training/Development	Supports the Opportunity Agenda Initiative	Support Opportunities for Veterans	Supports Government Efficiency	Supports Tradeable Sectors
72027	NYU Winthrop Hospital	nyuwh	Existing Employee Training Program									
74507	Bay Fastening Systems Division ACFR Industries Inc	ISO9001 ERPMPR Cyber Security Sharepoint Implementation	Existing Employee Training Program									
74228	SCO Family of Services	Existing Employee Training	Existing Employee Training Program									
73991	Luitpold	Training Grant	Existing Employee Training Program									
75970	Curtiss Wright	Target Rock	Existing Employee Training Program									
75743	SAG HARBOR INDUSTRIES INC	SOLDER TRAINING	Existing Employee Training Program									
76449	ACCESS CAREERS	Vocational Training 20172018	Unemployed Worker Training Program									
76035	We Connect The Dots	The STREAM Center	Unemployed Worker Training Program									
76127	Viability Inc fka Community Enterprises Inc	Unemployed Worker Training	Unemployed Worker Training Program									
75623	United Way of Long Island	Unemployed Worker Training Program	Unemployed Worker Training Program									
72571	Town of Hempstead Department of Occupational Resources	HempsteadWorks Career Pathways 7.0	Unemployed Worker Training Program									
74558	Adelante	Adelante Community Training	Unemployed Worker Training Program									
73432	Suffolk County Department of Labor, Licensing & Consumer Affairs	Project SCHOOL II	Unemployed Worker Training Program									
73029	Nassau Community College Center for Workforce Development	URGENT	Unemployed Worker Training Program									

WHAT WE'RE DOING ...

NON-ESD PRIORITY AND REGIONALLY SIGNIFICANT PROJECT RELATED TO STATE PRIORITIES

CFA #	Business Name	Project Name	Eligible Programs	Advances Regional Priorities	Supports Life Sciences	Supports the Regional Cluster Plan	Supports Downtown Revitalization	Supports Workforce Training/Development	Supports the Opportunity Agenda Initiative	Support Opportunities for Veterans	Supports Government Efficiency	Supports Tradeable Sectors
72544	Town of Oyster Bay	The Workforce Partnership Medical Training Program	Unemployed Worker Training Program									
76345	Town of Hempstead	Shared Services for Roadway Pavement Management System	Local Government Efficiency Program									
75683	Town of Smithtown	Regional Highway Services Consolidation	Local Government Efficiency Program									
74964	Nassau County	GISData Sharing	Local Government Efficiency Program									
74437	Suffolk County	Regional Shared Services Portal	Local Government Efficiency Program									
77269	Suffolk County Economic Development & Planning	Lake Ronkonkoma Watershed Local Waterfront Revitalization Program	Local Waterfront Revitalization Program									
72311	Town of Brookhaven	South Shore LWRP and Harbor Management Plan	Local Waterfront Revitalization Program									
73819	Town of Southold	Bay to Sound Integrated Trails Initiative Phase 3	Local Waterfront Revitalization Program									
77169	LK McLean Associates PC	Village of Shoreham Subterranean Stormwater Harvesting & Infiltration	Green Innovation Grant Program									
73301	Village of Freeport	Village Hall North Parking Lot Municipal Rain Garden	Green Innovation Grant Program									
76386	North Fork Promotion Council	North Fork Trolley	Market New York									
76338	North Fork Authentic Inc	North Fork Authentic	Market New York									
76256	Gold Coast Arts Center	Gold Coast International Film Festival	Market New York									
75193	LGBT Network	Pride on the Beach 2018	Market New York									
74364	East End Tourism Alliance	Craft Beverage Cooperative Promotion Weekends	Market New York									

WHAT WE'RE DOING ...

NON-ESD PRIORITY AND REGIONALLY SIGNIFICANT PROJECT RELATED TO STATE PRIORITIES

CFA #	Business Name	Project Name	Eligible Programs	Advances Regional Priorities	Supports Life Sciences	Supports the Regional Cluster Plan	Supports Downtown Revitalization	Supports Workforce Training/Development	Supports the Opportunity Agenda Initiative	Support Opportunities for Veterans	Supports Government Efficiency	Supports Tradeable Sectors
72562	Long Island Wine Council	2017 CFA Application	Market New York									
72330	Tough Mudder Inc.	Tough Mudder Long Island 2018	Market New York									
73820	Discover Long Island	DLI Global Tourism Marketing Partnerships	Market New York									
75888	Long Island High Technology Incubator Inc	Long Island Innovation Hot Spot	New York State Innovation Hot Spot Support Program									
77218	Long Island University	Tilles Center Plaza Expansion and Upgrades	Arts & Cultural Facilities Improvement Program									
76456	Open Space Institute Land Trust	Nature and Environmental Center At Jones Beach State park	Parks - Environmental Protection Fund: Parks, Preservation and Heritage Grants									
75795	Town of North Hempstead	Hempstead Harbor Shoreline Trail	Environmental Protection Fund: Parks, Preservation and Heritage Grants									
73922	Audubon New York the state program of the National Audubon Society Inc	Theodore Roosevelt Audubon New York Center for Long Island Conservation	Environmental Protection Fund: Parks, Preservation and Heritage Grants									
73269	Town of Huntington	Heckscher Park Centennial Heritage Fencing	Environmental Protection Fund: Parks, Preservation and Heritage Grants									
75033	Village of Freeport	Prospect Park Bulkhead Replacement	Environmental Protection Fund: Parks, Preservation and Heritage Grants									
72017	Inc Village of Sea Cliff	Sea Cliff Fire Dept Firehouse Window and Facade Rehabilitation	Environmental Protection Fund: Parks, Preservation and Heritage Grants									
72467	Old Westbury Gardens	Phase I Restoration Westbury House Roof & Cornice	Environmental Protection Fund: Parks, Preservation and Heritage Grants									
72413	Long Island Traditions	Connected Waters Heroes of the Harbors	Council on the Arts - Arts and Cultural Impact Programming									

WHAT WE'RE DOING ...

NON-ESD PRIORITY AND REGIONALLY SIGNIFICANT PROJECT RELATED TO STATE PRIORITIES

CFA #	Business Name	Project Name	Eligible Programs	Advances Regional Priorities	Supports Life Sciences	Supports the Regional Cluster Plan	Supports Downtown Revitalization	Supports Workforce Training/Development	Supports the Opportunity Agenda Initiative	Support Opportunities for Veterans	Supports Government Efficiency	Supports Tradeable Sectors
76037	Josephine Herrick Project	Implementation of Expansion of Veterans Work Readiness	Council on the Arts - Workforce Readiness									
74803	Town of Babylon	Babylon Truck Wash Facility	Water Quality Improvement Project (WQIP) Program									
75761	Town of Brookhaven	Water Quality Improvement Aquatic Habitat Restoration Town of Brookhaven	Environmental Protection Fund: Parks, Preservation and Heritage Grants, Water Quality Improvement Project (WQIP) Program									
75727	Town of Brookhaven	Town of Brookhaven Holtsville Ecology Site Improvements	Environmental Protection Fund: Parks, Preservation and Heritage Grants, Water Quality Improvement Project (WQIP) Program									
75765	Cobham	Grant 2018	Existing Employee Training Program									
75725	Hendrickson Fleet Service Inc	Hendrickson Employee Training Program	Existing Employee Training Program									
76481	Cerebral Palsy Association of Nassau County	Existing Employee Training	Existing Employee Training Program									
76030	AllWays Elevator Inc	Certified Elevator Training for Elevator Manufacturer	Existing Employee Training Program									
77037	Maryhaven Center of Hope	CFA Unemployed Worker Training Program	Unemployed Worker Training Program									
75643	Stony Brook University	Unemployed Worker Training Certificate Program	Unemployed Worker Training Program									
76598	Cambridge Business Institute	Certified Nurse Aide Training	Unemployed Worker Training Program									
77301	Town of Hempstead Conservation and waterways	Sea Dog Creek and Scow Creek Restoration	Local Waterfront Revitalization Program									

WHAT WE'RE DOING ...

NON-ESD PRIORITY AND REGIONALLY SIGNIFICANT PROJECT RELATED TO STATE PRIORITIES

CFA #	Business Name	Project Name	Eligible Programs	Advances Regional Priorities	Supports Life Sciences	Supports the Regional Cluster Plan	Supports Downtown Revitalization	Supports Workforce Training/Development	Supports the Opportunity Agenda Initiative	Support Opportunities for Veterans	Supports Government Efficiency	Supports Tradeable Sectors
76939	Town of Huntington	Local Waterfront Revitalization Program	Local Waterfront Revitalization Program									
74841	Town of Hempstead, NY	Island Park Streetscape Attraction	Local Waterfront Revitalization Program									
73890	Manhasset Bay Protection Committee	Water Quality Improvement Plan for Manhasset Bay	Local Waterfront Revitalization Program									
74744	Village of Sag Harbor	Village of Sag Harbor Long Wharf Rehabilitation Project	Local Waterfront Revitalization Program, Empire State Development									
75304	Incorporated Village of Brookville	Revitalization of Brookville Nature Park	Environmental Protection Fund: Parks, Preservation and Heritage Grants									
75349	Heckscher Museum	Historic Heckscher Museum Exterior Restoration	Environmental Protection Fund: Parks, Preservation and Heritage Grants									
72196	Village of Bellport	Community Center Restoration	Environmental Protection Fund: Parks, Preservation and Heritage Grants									
72107	Oysterponds Historical Society	Orient Methodist Church Preservation	Environmental Protection Fund: Parks, Preservation and Heritage Grants									
76761	Peconic Land Trust	Indian Rock	Environmental Protection Fund: Parks, Preservation and Heritage Grants									
77214	Town of Brookhaven	South Setauket Park	Environmental Protection Fund: Parks, Preservation and Heritage Grants									

WHAT WE'RE DOING ...

Part Four: Participation

Work Group Descriptions

Our work groups are at the core of our efforts to reach out to as many Long Islanders as possible and to develop an inclusive, “bottom up” approach for truly regional transformative economic change. Literally hundreds of people are members of the work groups and the countless hours they collectively devote to their tasks – including participation in community outreach – has driven our success.

The LIREDC has five active work groups, including a broad range of both public and private stakeholders. These volunteers lend their time and expertise to the LIREDC. Through their public outreach efforts they entice potential applicants to bring their projects before the council; they vet these projects against our regional strategies and help to identify those priority projects that keep a robust pipeline towards implementing both state and regional strategies.

Innovation, Industry Cluster and Global NY Work Group

The Innovation and Industry Cluster Work Group is comprised of leadership from the region's premier universities and research institutions as well as local businesses and economic development agencies. Two years ago this group identified biotechnology as the region's industry cluster and developed specific strategies to foster that industry. The work group continues to identify, shape and support projects that align with regional strategies for technology commercialization. Since collaboration within and between work groups is encouraged, in 2016 the Global NY work group was merged into the Innovation and Industry Cluster work group to further identify strategies and support projects to boost Long Island exports and increase foreign direct investment.

Infrastructure

More than 30 professionals from various backgrounds continue their dedicated work towards developing infrastructure projects essential to growth. The infrastructure strategies established at the outset of the REDC process continue to guide their actions through each CFA round. Project initiatives for revitalizing downtowns, while upgrading our infrastructure, have ensured our region's placemaking. In 2017, the work group focused on support of downtown revitalization initiatives with an emphasis on sustainable infrastructure.

Workforce Development and Veterans Work Group

The Workforce Development work group worked intensely this year to survey industry partners to identify “real world” skill gaps in our emerging workforce and to survey and inventory existing training programs in order to develop new strategies to support the region's workforce development initiatives. This is one of our larger and most active groups consisting of representatives from government, business, industry, and conventional and non-conventional educational environments. This group met multiple times, both as a whole and in sector-based subcommittees, to support the work of the Regional Council with the creation of both training and educational programs for civilians and veterans to meet the demands of business and industry.

WHAT WE'RE DOING ...

Natural Assets and Tourism Work Group

The Natural Assets and Tourism Work Group is comprised of a broad mix of individuals well-versed in the region's agriculture, aquaculture, arts, and tourism sectors. Since 2011, the group has developed strategies to enhance the economic potential of our Natural Assets. The group, which was very direct about reminding the broader council of the sector's importance, is committed to Long Island's historic agricultural tradition through sustainable growth in the Island's food, fish and beverage industries. The group focused on projects that increase the economic potential of our Natural Assets exports and year round tourism in the Long Island Region.

Opportunity Agenda Work Group

The Opportunity Agenda Work Group continues to analyze and focus on the needs of the economically distressed community of Wyandanch along with Huntington Station and has expanded their outreach efforts to encourage other distressed communities to ensure inclusive economic development policies are replicated island wide.

Writers Work Group

The Writers Work Group consists of a dedicated staff of individuals who are embedded in our work groups and whose knowledge of Long Island and ties to the community – as well as their writing ability – allows them to weave the narrative and analytic tale of our regional progress and our promise. Our story could not be told with such aspirational eloquence and expertise without these individuals who give so much of their time and talent.



WORK GROUP MEMBERS ...

Work Group Members

Innovation, Industry Clusters

Samuel Stanley*, Stony Brook University
Seymour Liebman*, Canon USA
Teri Willey, Cold Spring Harbor Laboratory*
Barry Greenspan, Empire State Development
Cara Longworth, Empire State Development
William Achnitz, CDCLI
Nada Anid, NYIT
Greg Blyskal, Broad Hollow Bioscience Park
Lauren Brookmeyer, Stony Brook University
Lisa Broughton, Suffolk County Economic Dev.
David L. Calone, Jove Partners
Bob Catell, Advanced Energy Research & Technology Center
Resi Cooper, Cooper Hill
Chris Czura, Feinstein Institute

Tracey Edwards, Town of Huntington
Diane Fabel, Center for Biotech / Stony Brook University
Peter Fehnel, SBA
Doon Gibbs, Brookhaven National Laboratory
Peter Goldsmith, LISTnet
Kate Hutchinson, Center for Biotech / Stony Brook University
Mark Lesko, Hofstra University
James McCaffrey, Town of Oyster Bay, Department of
Economic Development
Stuart Rabinowitz, Hofstra University
Ann-Marie Scheidt, Stony Brook University
John Schneider, Long Island University
Yacov Shamash, Stony Brook University
Charlie Strain, Farrell Fritz, P.C.
Nick Terzulli, Nassau County IDA

Global New York

John Costanzo*, Purolator International
Bob Isaksen*, Bank of America
Barry Greenspan, Empire State Development
Cara Longworth, Empire State Development
Terri Alessi-Micelli, Hauppauge Industrial Association
Giovanni Capella, Fungilab
Ellen Cea, Rechler Equity
Savio Chan, U.S. China Partners
Pasqualina (Peggy) Coppola, Corporate & Commercial
Banking Santander
Toni Corsini, Office of International Trade US SBA
John DeCelle, Nassau Financial Federal Credit Union
Sven Doerge, Festo Corporation
Lutricia (Pat) Edwards, Citigroup Inc.
Brad Hemingway, Islip Foreign Trade Zone

Harvey Kamil, NBTY, Inc.
Kevin Law, Long Island Association
Mark Lesko, Hofstra University
John Mallano, Office of International Trade US SBA
Amy Newman, Canon USA
Stuart Rabinowitz, Hofstra University
Mitchell Rechler, Rechler Equity
John Rizzo, Long Island Association
Susan Sadocha, U.S. Commerce Export Assistance Center
Marvin Schechter, ESD International
Tom Sheridan, Royal Products
Larry Siebert, Chembio Diagnostics
Lorraine Spear, Chase Bank
Patti Stoff, Long Island Import Export Association
Ann Wysocki, Atlantic Ultraviolet Corporation

Workforce, Education and Veterans

John Durso*, Long Island Federation of Labor
Dr. Shaun McKay*, Suffolk Community College
Cara Longworth, Empire State Development
Denise Zani, Empire State Development
Leah Arnold, Eastern Suffolk BOCES
Diane Bachor, Winthrop University Hospital
Gregory Becker, Town of Hempstead

Laurie Carey, We Connect The Dots
Noreen Carro, LMN Printing Co., Inc.
Michele Cohen, Nassau BOCES Adult Career &
Technical Education Programs
Cheryl Davidson, North Shore-LIJ Health System
John DeCelle, Nassau Financial Federal Credit Union
Gemma DeLeon, Local 1103RWDSY

WORK GROUP MEMBERS ...

Workforce, Education and Veterans Continued

Steven Delligatti, Oyster Bay-North Hempstead-Glen Cove
Workforce Investment Board
Rosalie Drago, Workforce Development Institute
Lutricia (Pat) Edwards, Citigroup, Inc
Ralph Esposito, Nassau County Veterans Service Agency
Elaine Gross, ERASE Racism
Dawn Grzan, Farmingdale State College
Victoria Henry, Farmingdale State College
Ana-Maria Hurtado, Town of Hempstead Workforce
Investment Board
Edward Kenny, Town of Hempstead
Pamela Killoran, Suffolk County Workforce
Investment Board
Gail Lamberta, St. Joseph's College
John Lombardo, Suffolk County Community College
Amy Lowth, NYS Department of Labor

Patricia Malone, SUNY Stony Brook
James McGowan, Adelphi University
Martin Murphy, LI Regional Adult Education Network
Christopher Neidt, Hofstra University
Dawn Nolan, Center for Workforce Development, Nassau
Community College
Charlene Obernauer, Long Island Jobs with Justice
Ray O'Rourke, Suffolk County Workforce Development Board
Marta Panero, NYIT
Theresa Regnante, United Way of Long Island
Thomas Ronayne, Suffolk County Veterans Service Agency
Phil Rugile, Launchpad Huntington
Anthony Silvera, Northwell Health
Beverly Theodore, Town of Babylon WCRC
Ken White, Brookhaven National Lab
Carol Wickliffe-Campbell, Suffolk County Community College

Opportunity Agenda

Lutricia (Pat) Edwards*, Citigroup Inc.
Elaine Gross*, ERASE Racism
Denise Zani, Empire State Development
Cara Longworth, Empire State Development,
Ayesha Alleyne, Wyandanch Homes and Property
Development Corporation
Anthony Albanese, Albanese Organization
Gregory Becker, Town of Hempstead
Pamela Bedford, NYS Department of Labor
Diana Cherryholmes, Suffolk County Office of Film &
Cultural Affairs
Michele Cohen, Nassau BOCES
Elise Damas, CARECEN
Cheryl Davidson, North Shore-LIJ Health System
John DeCelle, Nassau Financial Federal Credit Union
Thomas Dolan, Town of Babylon Industrial Development
Agency
Rosalie Drago, Workforce Development Institute
Tracey Edwards, Town of Huntington
Craig Fligstein, United Way of Long Island

Michelle Foulke, Huntington Opportunity Resource Center
Daphne Gordon, SCCC Entrepreneurial Assistance Center
Ana-Maria Hurtado, Town of Hempstead Workforce Investment
Board
Edward Kenny, Town of Hempstead
Jonathan Keyes, Suffolk County
Lawrence Levy, Hofstra University
John Lombardo, Suffolk County Community College
Patricia Malone, SUNY Stony Brook
Christopher Neidt, Hofstra University
Theresa Regnante, United Way of Long Island
Wayne Redmond, Hempstead Boys & Girls Club
Robert Smith, NYS Department of Taxation and Finance
Beverly Theodore, Wyandanch Resource Center
Charlene Thompson, Long Island African American Chamber of
Commerce
Kenneth White, Brookhaven National Lab
Bentley Whitfield, Farmingdale State College

Infrastructure

Jim Morgo*, Morgo Private Public Strategies, Inc.
Desmond Ryan*, Long Island Contractor's Association
Resi Cooper*, Cooper Hill
Brian Scripture, Empire State Development
Cara Longworth, Empire State Development
Steve Belkin, NYS Department of Transportation

Louis Bekofsky, Suffolk County
Patricia Bourne, City of Long Beach
Dwight Brown, NYS Environmental Facilities Corporation
James Castellane, Building Trades Council of Nassau &
Suffolk Counties

WORK GROUP MEMBERS ...

Infrastructure Continued

John Cameron, LI Regional Planning Council
Joan Cergol, Huntington Community Development Agency
Matthew Cohen, Long Island Association
Ed Dumas, Long Island Railroad
John Durso, LI Federation of Labor
Peter Elkowitz, Long Island Housing Partnership
Ann Fangmann, Glen Cove CDA
Brian Ferruggiari, AVR Realty Company
Marc Herbst, Long Island Contractor's Association
Dave Kapell, Kapell Real Estate
Chris Kempner, Stony Brook University
Amy Keyes, Suffolk County
Johnathan Keyes, Suffolk County
Bill Mannix, Town of Islip Economic Development

Bill McShane, Sheltair Aviation
Kelly Morris, Suffolk IDA
Glenn Murrell, NYS Department of Transportation
Raymond Pagano, Oceanside Civic Association
Mitch Pally, Long Island Builder's Institute- MTA/LIRR
Barbara Peebles, City of Glen Cove
Paul Pontieri, Village of Patchogue
Mike Puntillo, Jobco
Jack Schnirman, City of Long Beach
Roy Smitheimer, RJS Associates
Gregory Watson, NY Homes & Community Renewal
Judy White, CJ2 Communications
Regina Zara, Suffolk County

Natural Assets and Tourism

Kristen Jarnagin*, Discover Long Island
Belinda Pagdanganan*, National Grid
Paulette Satur*, Satur Farms
Jenna Jalbert, Empire State Development
Cara Longworth, Empire State Development
Sarah Barton, NYS Agriculture & Markets
Steve Bate,
Bonnie Brady, Long Island Commercial Fishing Assoc
Ralph Brady, Suffolk County
Dwight Brown, NYS Environmental Facilities Corporation
Katherine Bunting-Howarth, New York Sea Grant
Francesca Carlow, Nassau Council of Chambers
of Commerce
Rob Carpenter, Long Island Farm Bureau
Diana Cherryholmes, Suffolk County Office of Film and
Cultural Affairs
Traci Christian, NYS Office of Parks and
Historic Preservation
Melanie Cirillo, Peconic Land Trust
Kathryn Curran, Suffolk County Historic Society
Bryan DeLuca, Atlantic Holdings LLC
Patricia DiLucca, Ward Melville Heritage Organization
Elsbeth Dowd, Oysterponds Historical Society
Ann Fangmann, City of Glen Cove Community
Development Agency
Susan Filipowich, SCEDP
Brian Foley, NYS Office of Parks and Historic Preservation
Carrie Gallagher, NYS of Environmental Conservation
Helen Geraghty, Bellport Historical Society
Susan Guliani, NYS Office of Parks and Historic Preservation

John Halsey, Peconic Land Trust
Emerson Hasbrouck, Cornell Cooperative Extension
Thomas Kehoe, North Harbor Trading Company
Eileen Krieb, Nassau County Parks Recreation
and Museums
Howard Kroplick, Vanderbilt Motor Parkway Historical
Preservation Society
Maggie Lacasse, Discover Long Island
Donna Lanzetta, Manna Fish Farm
Erin McDonnell, Seacliff Village Hall
Nancy Melius, Gold Coast Mansions/Oheka Castle
Vito Minei, Cornell Cooperative Extension
John Pavacic, Central Pine Barrens Joint Planning and Policy
Commission
August Ruckdeschel, Suffolk County
Gregory Sandor, Cornell University; Cooperative Extension
Nassau County
Holly Sanford, Peconic Land Trust
Ehle Schachter, NYS Agriculture & Markets
Michael Schantz, Heckscher Museum of Art
John Scotti, Cornell Cooperative Extension
Katie Sepenoski, Port of Egypt Marine
Martin Sidor, Martin Sidor Farms, Inc.
Patricia Snyder, East End Arts
Michelle Somma, OPRHP
Theresa Statz-Smith, Long Island Arts Alliance
Darlene Troge, Shinnecock Sovereign Holdings
Linda Walch, Huntington Historical Society
Sharon Wyman, Discover Long Island

WORK GROUP MEMBERS ...

Writers Group

Lawrence Levy* Hofstra University
Cara Longworth, Empire State Development
Lauren Brookmeyer, Stony Brook University
Brendan Cushing, Empire State Development
Rosalie Drago, Workforce Development Institute
John DeCelle, Nassau Financial federal Credit Union
Barry Greenspan, Empire State Development
Jenna Jalbert, Empire State Development

Maggie Lacasse, Discover Long Island
Elisabeth Muehleemann, Empire State Development
Christopher Niedt, Hofstra University
Shital Patel, New York State Department of Labor
Annmarie Proscia, Empire State Development
Brian Scripture, Empire State Development
Denise Zani, Empire State Development

Key: *=Co-Chair, Red = Regional Council Member, Blue = ESD Staff

Engagement and Support of the Public and Local Officials

The Long Island Regional Economic Development Council continues to build upon the public participation strategy implemented for development in our original 2011 Strategic Plan and has expanded its outreach using creative ways to engage government officials at the local, county and state level. In 2017 using all manner of speaking engagements, forums, public meetings and social media, LIREDC members and ESD staff have spread the message of regional collaboration to chambers of commerce, academic institutions, private businesses and economic development partners in both Suffolk and Nassau counties.

The Downtown Revitalization Initiative Round Two provided another excellent opportunity for engaging our local public officials in the REDC process. To guarantee that the region was well represented in the competition, every elected town supervisor and mayor received written communication from the Long Island Regional Office of Empire State Development. This communication was sent by regular mail and email with weekly reminders encouraging all to submit an application. Furthermore, outreach was made to the Village Officials' Associations for both counties in the region. Finally, during the many public events and speaking engagements listed in Appendix III the DRI was discussed and all in attendance were encouraged to apply. Even after the announcement was made regarding the DRI awardee, further outreach and follow up was conducted to all the municipalities in the region encouraging CFA applications.

To further increase our public engagement in the REDC process this year Empire State Development on behalf of the Long Island Regional Economic Development Council hosted a series of six "CFA Open House/Informational Sessions." Our open door meetings were attended by members of academia, private business, municipalities and the public to discuss our project pipeline, regional needs and the funding opportunities available through the CFA. We also solicited vital feedback on our current regional strategies, inclusion of new strategies and development of best practices to implement these regional strategies going forward. We are happy to report that our public outreach, including these "open house" sessions along with our two CFA Workshops and four public Regional Council meetings and with other speaking engagements, resulted in direct communication with over 5,000 individuals. The list in Appendix Three outlines these efforts.



WHAT WE'RE DOING ...



FRANCESCA CARLOW
PRESIDENT OF NASSAU
COUNCIL CHAMBERS OF
COMMERCE

"Our choice for DRI was supported by many organizations and individuals not only in Hicksville but throughout the region, part of the catalytic impact of the LIREDC on placemaking and other economic development initiatives. Here is one of many letters of support we received, this one from Francesca Carlow, President of the Nassau Council of Chambers of Commerce:

"The hamlet of Hicksville located in the Town of Oyster Bay is the busiest LIRR train station and transportation hub on Long Island. Thousands of business commuters, families and tourists travel through Hicksville daily. Because of this rapid transit growth, the character of Hicksville's streets and downtown business community has declined and today the once bustling center of town is littered with empty store fronts and shuttered businesses.

"The Nassau Council of Chambers of Commerce representing over 10,000 businesses strongly supports the [Town's] pursuit of funding through the Downtown Revitalization Initiative to be invested into the downtown Hicksville area.

"The Hicksville project would have a significant economic impact on the immediate downtown as well as many surrounding towns. The convenience of the LIRR and easy access to New York City makes Hicksville a viable location for our next generation professionals to live, work and play. Many businesses complain that they cannot attract young talent to work on Long Island because of the lack of housing options. Hicksville could easily fill this void and bring back a once thriving sense of community.

Hicksville is large enough to support and step into becoming an area for emerging industries and mixed-use opportunities. The NCCC encourages these initiatives and urges the Long Island Regional Economic Development Council to support the Hicksville Revitalization Project."

Part Five: Downtown Revitalization Plan

The LIREDC recognized early on that vibrant downtowns were crucial to the economic vitality of the region. Our very first strategic plan emphasized the need to create walkable communities around Long Island Rail Road stations, exciting places with attractive but affordable apartments that appealed to young people who didn't want to buy a traditional single-family suburban home, and older people who no longer wanted to own one. The LIREDC understood that the regional economy needed to retain Millennials for their potential and Baby Boomers for their prosperity, and that we also wanted the new businesses – the restaurants, theaters, retail shops – that cluster in these "denser," more culturally diverse downtowns. With so little space available or appropriate for development, existing downtowns offered opportunities for growth that would otherwise elude the region, and with it the jobs and tax revenue that provides local services. Not every village wanted such development, but more and more did as their leadership saw the transformative impact of smart growth in places like Patchogue, Huntington, Rockville Centre and Long Beach.

That's why, from day one, the LIREDC has supported many projects to revitalize existing village centers or even create entire new neighborhoods in communities where the residents desired them. And that is why last year we so enthusiastically embraced Governor Cuomo's Downtown Revitalization Initiative (DRI), which led to our choice of the Village of Westbury for the first \$10 million grant. So after seeing how Westbury's residents came together with a surge of civic pride and effort, it should come as no surprise how excited we were that another Long Island community would be eligible for a transformative award. And after an exhaustive process that saw 20 worthy proposals from one end of the region to the other, the LIREDC recommended the hamlet of Hicksville for this year's DRI.



Hicksville is ready for transformative change. For decades regional planners and even many residents saw Hicksville's potential as an economic and cultural powerhouse. But for a variety of reasons, including a fear of diversity in everything from people to housing stock, Hicksville's potential remained unrealized. Now, its new leadership spurred on by committed

WHAT WE'RE DOING ...

civic and business organizations – has exciting ideas for connecting a chock-a-block downtown with innovative features that encourage people to make better use of its LIRR station and spend more time – willingly – walking from neighborhood to neighborhood. The town now recognizes that the thousands of Asians and other minorities living and working in the hamlet – which has become a center for Indian-American life on Long Island – is to be embraced as a strength.

Nominated by the Town of Oyster Bay, which had been reticent to adopt smart growth, transit oriented principles, Hicksville rose to the top of the pile of applicants because of its potential impact not only on the 162 acres in the Central Business District but beyond to neighboring communities. “Hicksville, which is our neighbor immediately to the west, is a vital crossroads for our community,” said Elan Wurtzel, president of the Plainview-Old Bethpage Chamber of Commerce in support of the DRI proposal. “We share many of the same concerns that Hicksville does [for a] vibrant business community, affordable housing, smart growth, good transportation access... and the ability to attract new and young families to the area.”

Hicksville Downtown District



Of the many reasons for choosing Hicksville, the most important may have been the primacy of its LIRR station. Hicksville is the busiest on Long Island with 22,000 daily riders and the State has already commenced a \$121 million refurbishment. Hicksville is also the beginning and end of the Third Track. This multi-billion dollar project will add a track from Hicksville to Floral Park, dramatically improving and expanding service by increasing frequency, decreasing delays and easing the trauma of commuting. There

are also several development opportunities adjacent to and near the station for the creation of transit-oriented multifamily housing.

One feature of the proposal that caught our eye was an imaginative and useful “high line.” Obviously borrowed from an incredibly popular feature of a famous New York City revitalization, the Hicksville version doesn’t involve the transformation of track bed into a beautiful walkway with gardens and performance spaces. But it does align closely with the LIRR tracks to create an elevated pedestrian trail across parking garage rooftops and other elevated structures. The Hicksville High Line has the potential to become a suburban icon that can create its own synergies for pedestrians and private businesses.



WHAT WE'RE DOING ...

Hicksville has many assets that make it perfectly situated to maximize this \$10 million infusion into the downtown center. In addition to the train station, Hicksville has several large parcels that are ripe for development, is conveniently situated near major highways, has several large and growing companies, is near three of the region's colleges, and has a richly diverse community that itself has become an attraction for new residents and visitors. Indian publications have noted the appeal for this growing ethnic group. "We have a good quality of life here," Subodh Batra, an engineer, told Newsday. Subodh moved to LI from New Delhi 18 years ago, ultimately settling in Hicksville. More than 10,000 revelers joined a parade through Hicksville to celebrate Diwali, an Indian religious event. And the success for the Indian community has persuaded other new immigrant groups to choose Hicksville.

After years of community meetings and consensus building, the Hamlet knows what it wants and is determined to see its vision become reality. Community support and planning efforts led the Town's new leadership to create a new zoning code that permitted higher density housing in the downtown and endorsed additional parking garages to bring people to the community yet keep their cars off the street once they got there. "Our membership and community stakeholders have worked diligently over the past seven years to bring awareness and understanding of the need to revitalize downtown Hicksville," said Lionel Chitty, the tireless president of the Hicksville Chamber of Commerce. "The planning process involved developing strategies to revitalize our downtown into a safe, attractive, walkable and vibrant downtown."

One main concern that emerged from the "visioning" – which a robust local chamber of commerce supported – is the lack of public areas where the community can gather, thus, the central focus of the plan is to create such spaces that will give the community a sense of place. That's what made the High Line idea so appealing – creating a space that the people want and where they want it, through a process that they controlled. And that's why Hicksville was this year's winner. As Governor Cuomo said in announcing the Hicksville DRI, joined by Oyster Bay Town Supervisor Joe Saladino and Nassau County Executive Ed Mangano, the hamlet is ready to lead Long Island into a new era of prosperity.



Appendix One

All Funded CFA Projects 2011-2016

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
2011							
14238	Community Housing Innovations, Inc.	Long Island Homeownership 2011	HCR - Affordable Home Ownership Development Program (AHC)	\$ 640,000	\$ 4,400,000	\$ 640,000	Blue
14237	Long Island Housing Partnership	Employer Assisted Housing	HCR - Affordable Home Ownership Development Program (AHC)	\$ 1,750,000	\$ 23,622,000	\$ 1,749,600	Blue
2277	Catalina Instrument Corp.	Quality Systems Training	DOL - Business Hiring and Training Incentives Worker Skills Upgrading	\$ 21,000	\$ 21,000	\$ 20,690	Blue
7448	New Cassel Housing, LLC	New Cassel Apartments	HCR - Federal Low Income Housing Tax Credit	\$ 2,586,743	\$ 12,054,311	\$ 786,743	Blue
4750	LiRo Engineers, Inc.	Engineering Continuing Education	DOL - Business Hiring and Training Incentives Worker Skills Upgrading	\$ 14,896	\$ 14,896	\$ 8,119	Blue
5322	Cold Spring Harbor Laboratory	Advanced Drug Testing Facility	ESD - Regional Council Capital Fund	\$ 2,000,000	\$ 15,665,000	\$ 948	Blue
14127	Oyster Bay Main Street Association	Oyster Bay Main Street Grant 2011	HCR - New York Main Street	\$ 500,000	\$ 1,153,125	\$ 383,469	Blue
6451	P & L Developments of New York Corp	Quality System Training	DOL - Business Hiring and Training Incentives Worker Skills Upgrading	\$ 41,600	\$ 41,600	\$ 41,600	Blue
7531	South Nassau Communities Hospital	Health Care Skills Upgrade Training	DOL - Business Hiring and Training Incentives Worker Skills Upgrading	\$ 21,268	\$ 21,268	\$ 20,241	Blue
5193	Town of Oyster Bay	Raising Awareness of Onsite Wastewater Treatment Systems	DOS - Local Waterfront Revitalization	\$ 45,000	\$ 91,191	\$ 40,894	Blue
8115	Accelerate Long Island	Accelerate Long Island	ESD - Economic Development Purposes Fund	\$ 500,000	\$ 1,400,000	\$ 500,000	Blue
18141	Stony Brook University	EngINE	ESD - Regional Council Capital Fund	\$ 2,000,000	\$ 3,991,758	\$ 1,000,000	Blue
3826	Town of Hempstead Department of Occupational Resources	Long Island Business and Workforce Investment Project	ESD - Economic Development Purposes Fund	\$ 427,535	\$ 540,000	\$ 427,535	Blue
7062	North Shore LIJ	Next Generation of Healthcare Workers	ESD DOL - Unemployed Worker Skills Training	\$ 80,000	\$ 50,000	\$ 30,000	Blue
5307	Disc Graphics, Inc.	Lean Manufacturing Training	DOL - Business Hiring and Training Incentives Worker Skills Upgrading	\$ 48,400	\$ 48,400	\$ 48,400	Blue
7895	Agriculture Enterprise Park (EBCAL)	Agriculture Enterprise Park	ESD - Economic Development Purposes Fund	\$ 500,000	\$ 1,000,000	\$ 240,000	Blue
6153	Air Techniques, Inc.	Lean Manufacturing Training	DOL - Business Hiring and Training Incentives Worker Skills Upgrading	\$ 47,500	\$ 47,500	\$ 47,500	Blue

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
3356	Village of Port Jefferson	Port Jefferson Village Harborwalk Project	DOS - Local Waterfront Revitalization	\$ 100,000	\$ 200,000	\$ 100,000	Blue
7971	American Pride Fasteners	Lean Manufacturing Training	DOL - Business Hiring and Training Incentives Worker Skills Upgrading	\$ 39,000	\$ 39,000	\$ 37,000	Blue
4113	FilCoil FC, Inc.	Quality System Training	DOL - Business Hiring and Training Incentives Worker Skills Upgrading	\$ 35,000	\$ 35,000	\$ 32,400	Blue
4049	Town of Babylon	Wyandanch Rising	ESD DOT EFC - Green Innovation Grant Program	\$ 6,000,000	\$ 900,000	\$ 710,558	Blue
2718	Town of Southold	Pipes Cove Conservation	OPRHP - Park Acquisition, Development and Planning	\$ 389,341	\$ 778,682	\$ 389,341	Blue
7441	Brookhaven Science Associates LLC	SGRID3	ESD - Regional Council Capital Fund	\$ 5,000,000	\$ 5,500,000	\$ 1,127,500	Blue
6213	B&R Industries, Inc.	Manufacturing Quality Systems Certification	DOL - Business Hiring and Training Incentives Worker Skills Upgrading	\$ 42,000	\$ 42,000	\$ 41,995	Blue
14239	Habitat for Humanity of Suffolk	HFHS 2011 Rehabilitation NSP	HCR - Affordable Home Ownership Development Program (AHC)	\$ 105,000	\$ 722,395	\$ 105,000	Blue
5428	Jamco Aerospace, Inc.	Lean Manufacturing Training	DOL - Business Hiring and Training Incentives Worker Skills Upgrading	\$ 42,120	\$ 42,120	\$ 42,120	Blue
3157	Bryit Group, LLC	Electrical Manufacturing Quality Systems Training	DOL - Business Hiring and Training Incentives Worker Skills Upgrading	\$ 27,000	\$ 26,955	\$ 26,955	Blue
3222	Concern for Independent Living, Inc.	Concern Amityville	HCR - Federal Low Income Housing Tax Credit	\$ 1,251,916	\$ 17,351,621	\$ 1,288,178	Blue
4998	Contract Pharmacal Corp.	Lean Manufacturing Training	DOL - Business Hiring and Training Incentives Worker Skills Upgrading	\$ 48,200	\$ 48,200	\$ 40,000	Blue
7750	Cornell Cooperative Extension of Suffolk County	Restoration of Bay Scallop Fisheries	ESD - Economic Development Purposes Fund	\$ 182,900	\$ 503,341	\$ 182,900	Blue
7376	Multiline Technology	Quality System Training	DOL - Business Hiring and Training Incentives Worker Skills Upgrading	\$ 44,850	\$ 44,850	\$ 44,850	Blue
7774	Stony Brook University	Project Management and Various Certificate Training Programs	DOL - Unemployed Worker Skills Training	\$ 49,875	\$ 49,875	\$ 27,000	Blue
2273	Roman Stone Construction Company	Quality Control Training	DOL - Business Hiring and Training Incentives Worker Skills Upgrading	\$ 49,915	\$ 49,915	\$ 47,339	Blue
7156	Suffolk County Department of Public Works	Ronkonkoma Hub	ESD - Regional Council Capital Fund	\$ 4,000,000	\$ 23,500,000	\$ -	Green

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
3714	New York Label & Box Corp	Packaging Division	ESD - Excelsior Jobs Program	\$ 160,400	\$ 4,472,400	\$ -	Green
3774	Sciegen Pharmaceuticals Inc	Sciegen Pharmaceuticals Inc	ESD - Excelsior Jobs Program	\$ 2,421,000	\$ 19,050,000	\$ -	Green
5784	D'Addario & Company, Inc.	DAddario	ESD - Excelsior Jobs Program	\$ 1,865,118	\$ 9,000,118	\$ -	Green
8552	Farmingdale State College	Farmingdale State College STEM Diversity Roundtable and Center	ESD - Economic Development Purposes Fund	\$ 100,000	\$ 200,000	\$ 50,000	Green
6697	Brookhaven Science Associates, LLC	Long Island STEM Hub	ESD - Economic Development Purposes Fund	\$ 320,000	\$ 420,000	\$ 60,000	Green
6294	Amneal Pharmaceuticals of New York, LLC	Amneal Expansion Project	ESD - Regional Council Capital Fund	\$ 3,000,000	\$ 117,003,024	\$ -	Green
6862	P&L Development of New York Corporation	PL Developments Project	ESD - Excelsior Jobs Program	\$ 3,066,000	\$ 13,200,000	\$ -	Green
3856	Cox & Company, Inc	Excelsior Program	ESD - Excelsior Jobs Program	\$ 164,250	\$ 1,135,000	\$ -	Green
6162	Long Island Forum for Technology	21st Century Workforce in Advanced Composite Manufacturing	ESD - Economic Development Purposes Fund	\$ 136,000	\$ 245,000	\$ 34,000	Green
3133	United Baking Co., Inc.	Uncle Wallys	ESD - Excelsior Jobs Program	\$ 1,469,419	\$ 3,900,419	\$ -	Green
8309	New York Institute of Technology	NYIT	ESD - Economic Development Purposes Fund	\$ 400,000	\$ 1,685,000	\$ 200,000	Green
2432	22-50 Jackson Avenue Associates L.P. and Pilgrim East, L.P.	Heartland Town Square	ESD - Regional Council Capital Fund	\$ 2,500,000	\$ 12,000,000	\$ -	Green
18140, 1	Village of Hempstead	Village of Hempstead Downtown Revitalization	ESD - Regional Council Capital Fund	\$ 5,000,000	\$ 33,734,400	\$ -	Yellow
4286	Green Long Island, Inc.	Residential Energy Efficiency Building Analyst Training	DOL - Unemployed Worker Skills Training	\$ 48,500	\$ 13,500	\$ 10,500	Red
5661	Accelerate Long Island	Thought Box 1 - Hicksville	ESD - Regional Council Capital Fund	\$ 3,000,000	\$ 30,000,000	\$ -	Black
5893	Arkwin IndusTRANSies, Inc.	quantumleap	ESD - Excelsior Jobs Program	\$ 2,212,441	\$ 10,375,000	\$ -	Black
5101	Evans and Paul, LLC	Evans and Paul LLC	ESD - Excelsior Jobs Program	\$ 901,942	\$ 5,850,000	\$ -	Black
8178	Love and Quiches Ltd	Excelsior	ESD - Excelsior Jobs Program	\$ 130,722	\$ 2,250,000	\$ -	Black
7072	North Shore LIJ Health System, Inc.	ICD-10 Medical Coder Training	DOL - Business Hiring and Training Incentives Worker Skills Upgrading	\$ 50,000	\$ 50,000	\$ -	Black
6169	Northrop Grumman Systems Corporation	Bethpage Revitalization Program	ESD - Excelsior Jobs Program	\$ 1,100,000	\$ 12,500,000	\$ -	Black
4670	STEM Workforce Innovation	Long Island Community Engagement for STEM Education and Careers	ESD - Economic Development Purposes Fund	\$ 350,000	\$ 350,000	\$ -	Black
7066	Blue Green Farms, Inc.	BGF Hydroponics New York	ESD - Excelsior Jobs Program	\$ 517,293	\$ 4,000,000	\$ -	Black

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
7856	1-Source Electronic Components, Inc.	Quality Management Training	DOL - Business Hiring and Training Incentives Worker Skills Upgrading	\$ 46,410	\$ 46,410	\$ -	Black
8525	Avco Industries Inc	Avco Industries Excelsior	ESD - Excelsior Jobs Program	\$ 537,300	\$ 2,500,000	\$ -	Black
7696	Eastern Energy Systems, Inc.	Management Training and Technical Skills Upgrade Training	DOL - Business Hiring and Training Incentives Worker Skills Upgrading	\$ 11,270	\$ 10,680	\$ -	Black
4996	G4 Synergetics, Inc.	G4 Synergetics	ESD - Excelsior Jobs Program	\$ 1,500,000	\$ 31,650,000	\$ -	Black
14240	Habitat for Humanity of Suffolk	HFHS 2011 New Construction Program	HCR - Affordable Home Ownership Development Program (AHC)	\$ 770,000	\$ 2,420,000	\$ 410,000	Black
5409	Meopta U.S.A., Inc.	Advanced Resource Planning Training	DOL - Business Hiring and Training Incentives Worker Skills Upgrading	\$ 50,000	\$ 50,000	\$ -	Black
6371	Mikim Industries, Inc.	Quality System Training	DOL - Business Hiring and Training Incentives Worker Skills Upgrading	\$ 24,600	\$ 24,600	\$ -	Black
3345	Peconic Land Trust	Ships Hole Farm Preservation	OPRHP - Park Acquisition, Development and Planning	\$ 400,000	\$ 1,465,000	\$ -	Black
3153	The Caumsett Foundation, Inc.	Polo Stable Restoration	OPRHP - Historic Property Acquisition, Development and Planning	\$ 400,000	\$ 1,972,000	\$ -	Black
5943	Vision Quest Lighting	LED Street Light Manufacturing	ESD - Excelsior Jobs Program	\$ 277,800	\$ 2,503,000	\$ -	Black
2012							
16007	City of Glen Cove	Design of Water System Transmission Improvements	DOS LWRP - Local Waterfront Revitalization	\$ 165,000	\$ 330,000	\$ 144,979	Blue
16007	City of Glen Cove	Design of Water System Transmission Improvements	ESD - Empire State Development Grant Funds	\$ 65,000	\$ 330,000	\$ 48,750	Green
17720	Flagpoles, Incorporated	Lean Manufacturing Training	DOL EET - Worker Skills Upgrading - Existing Employee Training	\$ 24,000	\$ 24,000	\$ 24,000	Blue
17720	Flagpoles, Incorporated	Lean Manufacturing Training	DOL OJT - Worker Skills Upgrading - New Hire (On-the-Job) Training	\$ 12,000	\$ 12,000		Black
15345	Long Island Arts Alliance	Arts Alive LI	Arts APG - Art Project Grant	\$ 90,000	\$ 180,000	\$ 72,000	Blue
15345	Long Island Arts Alliance	Arts Alive LI	ESD MNY - Regional Tourism Marketing Grant Initiative (I LOVE NY Fund)	\$ 110,000	\$ 315,040	\$ 110,000	Blue
15792	South Nassau Communities Hospital	Nursing and Medical Training	DOL EET - Worker Skills Upgrading - Existing Employee Training	\$ 58,999	\$ 58,999	\$ 47,304	Blue

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
15792	South Nassau Communities Hospital	Nursing and Medical Training	DOL OJT - Worker Skills Upgrading - New Hire (On-the-Job) Training	\$ 40,000	\$ 40,000		Black
16812	St. John's Episcopal Hospital	Electronic Medical Records Software Training	DOL EET - Worker Skills Upgrading - Existing Employee Training	\$ 50,000	\$ 50,000		Black
16812	St. John's Episcopal Hospital	Electronic Medical Records Software Training	DOL OJT - Worker Skills Upgrading - New Hire (On-the-Job) Training	\$ 50,000	\$ 50,000		Black
16955	Town of Brookhaven	Swan River Restoration and Trailhead	EFC GIGP - Green Innovation Grant Program	\$ 1,750,480	\$ 1,750,480	\$ 1,750,480	Blue
16955	Town of Brookhaven	Swan River Restoration and Trailhead	Parks PA - Park Acquisition, Development and Planning	\$ 400,000	\$ 2,909,452	\$ 400,000	Blue
15823	Accurate Industrial Machining, Inc.	AS9100 Training	DOL EET - Worker Skills Upgrading - Existing Employee Training	\$ 54,000	\$ 54,000	\$ 53,910	Blue
19050	Air Techniques, Inc.	Supply Chain Management Training	DOL EET - Worker Skills Upgrading - Existing Employee Training	\$ 48,000	\$ 48,000	\$ 44,000	Blue
14899	AJES Pharmaceuticals LLC	Expansion of Product Line	ESD EJP - Excelsior Jobs Program	\$ 250,000	\$ 3,050,000	\$ -	Green
16802	Applied DNA Sciences	Equipment Purchase	ESD EJP - Excelsior Jobs Program	\$ 229,957	\$ 1,066,000	\$ -	Green
19584	ATK Test Research Facility Ronkonkoma New York	MAGLEV2000 System Construction Project	ESD EJP - Excelsior Jobs Program	\$ 500,000	\$ 18,992,448	\$ -	Black
19228	Atlantic Industrial Technologies, Inc.	ISO 9000 Implementation Training	DOL EET - Worker Skills Upgrading - Existing Employee Training	\$ 85,357	\$ 85,357	\$ 82,634	Blue
17211	Broad Hollow Bioscience Park Inc.	Multitenant Bioscience Facility	ESD - Empire State Development Grant Funds	\$ 500,000	\$ 34,900,000	\$ -	Black
17455	Brookhaven Terminal Operation	Brookhaven Rail Terminal	ESD - Empire State Development Grant Funds	\$ 500,000	\$ 80,000,000	\$ -	Green
19482	Catalina Instrument Corporation	Lean Manufacturing Training	DOL EET - Worker Skills Upgrading - Existing Employee Training	\$ 35,000	\$ 35,000	\$ 34,905	Blue
17925	Clever Devices Ltd.	Lean Operations and Management Training	DOL EET - Worker Skills Upgrading - Existing Employee Training	\$ 93,600	\$ 93,600	\$ 93,600	Blue
18920	Community Care Home Health Services	Home Health Aide Training	DOL OJT - Worker Skills Upgrading - New Hire (On-the-Job) Training	\$ 55,000	\$ 55,000	\$ -	Black
17240	Country Life, LLC	Supply Chain Management Training	DOL EET - Worker Skills Upgrading - Existing Employee Training	\$ 48,500	\$ 48,500	\$ 48,500	Blue

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
15419	Curtiss-Wright Flow Control Corporation	Enhanced Performance Training	DOL EET - Worker Skills Upgrading - Existing Employee Training	\$ 64,000	\$ 64,000	\$ 60,000	Blue
15506	CV Village at Coram LLC	Wincoram Commons	ESD - Empire State Development Grant Funds	\$ 1,000,000	\$ 33,901,656	\$ 1,000,000	Blue
16547	Dentsply International LLC	Lean Office and Operations Training	DOL EET - Worker Skills Upgrading - Existing Employee Training	\$ 73,834	\$ 73,834	\$ 62,000	Blue
17463	Duro Dyne Corporation	Lean Enterprise Training	DOL EET - Worker Skills Upgrading - Existing Employee Training	\$ 48,500	\$ 48,500	\$ 48,500	Blue
18965	East End Arts	Building Bridges: Long Island	Arts APG - Art Project Grant	\$ 90,000	\$ 180,000	\$ -	Blue
14720	East End Tourism Alliance	Thematic Tourism Project	ESD RTMGI - Regional Tourism Marketing Grant Initiative (I LOVE NY Fund)	\$ 335,000	\$ 470,000	\$ 335,000	Blue
16095	Electronic Machine Parts, LLC	Lean Manufacturing Training	DOL EET - Worker Skills Upgrading - Existing Employee Training	\$ 22,425	\$ 22,425	\$ 22,425	Blue
18823	Farmingdale State College	Farmingdale State College Engineering Increase Enrollments EngNE	ESD - Empire State Development Grant Funds	\$ 250,000	\$ 1,550,000	\$ 859	Blue
12740	FilCoil FC Inc.	FilCoil Expansion Project	ESD - Empire State Development Grant Funds	\$ 45,000	\$ 150,000	\$ -	Green
17414	Friends of Connetquot Inc.	Mill and Hatchery Restoration and Renovation	Parks HPA - Historic Property Acquisition, Development and Planning	\$ 150,000	\$ 603,130	\$ 150,000	Blue
19201	HF Corwin and Son Inc.	Hatchery and Farm Electrical Distribution	ESD - Empire State Development Grant Funds	\$ 250,000	\$ 2,661,628	\$ 125,000	Green
13796	Hofstra North ShoreLIJ School of Medicine	Medical Scholars Pipeline Program	ESD - Empire State Development Grant Funds	\$ 152,417	\$ 602,417	\$ 152,417	Blue
16873	Huntington Arts Council	ArtSpark	Arts APG - Art Project Grant	\$ 80,000	\$ 160,000	\$ 24,000	Blue
15641	Inlet Seafood Inc.	Improving Commercial Waterfront Infrastructure	ESD - Empire State Development Grant Funds	\$ 227,583	\$ 1,500,000	\$ -	Green
15170	Island Pro Digital, Inc.	Lean Process Improvement Training	DOL OJT - Worker Skills Upgrading - New Hire (On-the-Job) Training	\$ 50,000	\$ 102,480	\$ 5,000	Blue
14831	JM Haley Corporation	Manufacturing Expansion Project	ESD - Empire State Development Grant Funds	\$ 200,000	\$ 1,394,746	\$ 199,131	Green
17833	Kedrion BioPharma Inc.	Facility Upgrade and Increased Productivity	ESD EJP - Excelsior Jobs Program	\$ 3,332,097	\$ 30,000,000	\$ -	Green

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
19097	Maloya Laser, Inc.	Lean Management Skills Training	DOL EET - Worker Skills Upgrading - Existing Employee Training	\$ 99,060	\$ 99,060	\$ 70,395	Blue
18744	mindSHIFT	Facility Expansion	ESD EJP - Excelsior Jobs Program	\$ 1,000,000	\$ 21,000,000	\$ -	Black
17537	Mirimus Inc.	New Product Development	ESD EJP - Excelsior Jobs Program	\$ 350,000	\$ 3,323,500	\$ -	Green
17515	Molloy College	Long Island Center for Nursing Excellence	ESD - Empire State Development Grant Funds	\$ 250,000	\$ 24,890,376	\$ -	Green
16372	Montauk East LP	Transformative Commercial Fisheries Infrastructure Project Montauk East LP	ESD - Empire State Development Grant Funds	\$ 120,000	\$ 560,000	\$ 60,000	Green
19148	Nassau Candy Distributors, Inc.	Production and Lean Manufacturing Training	DOL EET - Worker Skills Upgrading - Existing Employee Training	\$ 91,000	\$ 91,000	\$ 88,000	Blue
19867	Nassau County New York	Redevelopment of the Nassau Coliseum Site	ESD - Empire State Development Grant Funds	\$ 500,000	\$ 2,500,000	\$ -	Green
18509	New York Institute of Technology	EngINE2	ESD - Empire State Development Grant Funds	\$ 250,000	\$ 1,550,000	\$ -	Green
14823	New York Label & Box Corporation	Management and Lean Training	DOL EET - Worker Skills Upgrading - Existing Employee Training	\$ 50,000	\$ 50,000	\$ 41,600	Blue
18659	North Shore Land Alliance	DeForest Williams Preserve Acquisition	Parks HASA - Heritage Areas System Acquisition, Development and Planning	\$ 500,000	\$ 8,500,000	\$ 500,000	Blue
19442	Oldcastle APG, Inc.	Lean Manufacturing and Operations Training	DOL EET - Worker Skills Upgrading - Existing Employee Training	\$ 49,950	\$ 49,950	\$ -	Black
15882	Patchogue Business Improvement District	Village of Patchogue New York Main Street Program	HCR NYMS - HCR - New York Main Street (NYMS)	\$ 250,000	\$ 324,167	\$ 244,632	Blue
19322	Perfumania Holdings Inc.	Facility Expansion	ESD EJP - Excelsior Jobs Program	\$ 2,200,000	\$ 14,500,000	\$ -	Green
16478	Quality King Distributors Inc.	Quality King Bellport Expansion Project	ESD - Empire State Development Grant Funds	\$ 750,000	\$ 11,000,000	\$ -	Green
19813	Rolling Frito-Lay Sales, LP	Route Sales and Customer Service Training	DOL EET - Worker Skills Upgrading - Existing Employee Training	\$ 100,000	\$ 100,000	\$ -	Black
12867	Satur Farms LLC	Satur Farms Expansion	ESD - Empire State Development Grant Funds	\$ 120,000	\$ 810,550	\$ 120,000	Blue
16559	Sheltair	Sheltair Redevelopment and Modernization at Republic Airport	ESD - Empire State Development Grant Funds	\$ 365,000	\$ 6,100,000	\$ -	Green

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
8258	Shinnecock Pools, Inc.	Lean Manufacturing Training	DOL EET - Worker Skills Upgrading - Existing Employee Training	\$ 23,500	\$ 50,000	\$ 17,700	Blue
19136	Softheon Inc.	Business Expansion	ESD EJP - Excelsior Jobs Program	\$ 325,050	\$ 325,050	\$ -	Green
17760	Stony Brook University	Project Management Training	DOL UWT - Worker Skills Upgrading - Unemployed Worker Training	\$ 99,000	\$ 99,000	\$ 99,000	Blue
18527	Stony Brook University	Center for Biomedicine	ESD - Empire State Development Grant Funds	\$ 500,000	\$ 45,000,000	\$ -	Green
14289	Suffolk Industrial Recovery Corp	PK Metals EGreen Recycling Management LLC	ESD EIPC - Environmental Investment Program - Capital	\$ 200,000	\$ 899,107	\$ -	Blue
16016	TBC Consoles	ISO 9000 Training	DOL EET - Worker Skills Upgrading - Existing Employee Training	\$ 82,225	\$ 82,225	\$ 1,523	Blue
14359	The Caumsett Foundation Inc.	"Walled Garden" Wall Restoration	Parks HPA - Historic Property Acquisition, Development and Planning	\$ 300,000	\$ 842,750	\$ 300,000	Blue
17619	Thomas Moran Trust Inc.	Thomas Moran Studio House Restoration	Parks HPA - Historic Property Acquisition, Development and Planning	\$ 477,500	\$ 955,000	\$ -	Black
15892	Town of Babylon	Wyandanch Rising	ESD - Empire State Development Grant Funds	\$ 1,000,000	\$ 4,100,000	\$ -	Black
17277	Town of Brookhaven	Ronkonkoma Hub	ESD - Empire State Development Grant Funds	\$ 1,050,000	\$ 5,213,000	\$ -	Green
15244	Town of East Hampton	Accabonac Harbor Storm Water Remediation	DOS LWRP - Local Waterfront Revitalization	\$ 150,000	\$ 300,000	\$ 13,005	Green
16850	Town of Hempstead Dept of Planning Economic Development	Elmont-Belmont Racetrack Area	ESD - Empire State Development Grant Funds	\$ 500,000	\$ 13,888,000	\$ -	Green
18379	Town of Huntington	Gateway Park Improvement - Adaptive Re-use of Farmhouse for Park Programming Facility	Parks HASA - Heritage Areas System Acquisition, Development and Planning	\$ 370,000	\$ 740,000	\$ 192,104	Green
19075	Town of Islip	FAA Integrated Control Facility Infrastructure Project	ESD - Empire State Development Grant Funds	\$ 500,000	\$ 23,550,000	\$ -	Black
17327	Town of Riverhead	Downtown Riverhead Artist Housing	HCR NYMS - HCR - New York Main Street (NYMS)	\$ 250,000	\$ 3,598,750	\$ 250,000	Blue
18453	Town of Southold	Southold Watershed and Sewershed Mapping	DOS LWRP - Local Waterfront Revitalization	\$ 67,910	\$ 67,910	\$ 13,376	Blue

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
15495	Twinco Manufacturing Company Inc.	Lean Manufacturing and ERP Training	DOL EET - Worker Skills Upgrading - Existing Employee Training	\$ 100,000	\$ 100,000	\$ 98,330	Blue
19938	United Way of Long Island	Energy Efficiency Training Center "House of Pressure"	NYSERDA REDGHG - NYSERDA - Regional Economic Development and GHG Reduction Program	\$ 250,000	\$ 344,750	\$ 250,000	Blue
16686	Village of Greenport	Western Greenport Sewer Extension Engineering Study	DEC CWSRF - CWSRF Engineering Planning Grant Program	\$ 23,300	\$ 29,125	\$ 23,300	Blue
17321	Village of Greenport	Village of Greenport Water Quality Improvements	EFC GIGP - Green Innovation Grant Program	\$ 287,801	\$ 113,849	\$ 34,842	Green
17709	Village of Greenport	Economic Development Assessment	DOS LWRP - Local Waterfront Revitalization	\$ 45,000	\$ 90,000	\$ -	Black
17800	Village of Greenport	Mitchell Park Bulkhead Feasibility Study	DOS LWRP - Local Waterfront Revitalization	\$ 92,636	\$ 185,272	\$ -	Green
18914	Village of Greenport	Eastern Greenport Sewer Extension Feasibility Study	DEC CWSRF - CWSRF Engineering Planning Grant Program	\$ 25,500	\$ 31,875	\$ 25,218	Blue
16350	Village of Port Jefferson	Port Jefferson Pedestrian Trail Enhancements and Waterfront Parking Reconfiguration	DOS LWRP - Local Waterfront Revitalization	\$ 106,530	\$ 213,060	\$ 95,877	Blue
14275	Village of Rockville Centre	Restoration of River Overlooks at Centennial Park	Parks PA - Park Acquisition, Development and Planning	\$ 500,000	\$ 2,000,000	\$ 396,793	Green
17147	Village of Sag Harbor	Construction of Havens Beach Storm Water Improvements	DOS LWRP - Local Waterfront Revitalization	\$ 146,982	\$ 293,964	\$ 146,982	Blue
15603	W & H Stampings, Inc.	Lean Manufacturing Training	DOL EET - Worker Skills Upgrading - Existing Employee Training	\$ 49,140	\$ 49,140	\$ 44,460	Blue
17735	Wenner Bread Products Inc.	Facility and Business Expansion	ESD EJP - Excelsior Jobs Program	\$ 1,410,264	\$ 8,100,000	\$ -	Black
17479	Whitsons Food Service Corp	Facility Expansion	ESD EJP - Excelsior Jobs Program	\$ 3,567,029	\$ 20,000,000	\$ -	Black
17885	Winthrop University Hospital	Research Institute at Winthrop University Hospital	ESD - Empire State Development Grant Funds	\$ 1,000,000	\$ 107,700,000	\$ -	Green
17882	Winthrop-University Hospital Association	Health Information Management Training	DOL EET - Worker Skills Upgrading - Existing Employee Training	\$ 22,061	\$ 22,061	\$ 22,061	Blue
18495	Winthrop-University Hospital Association	Telemetry Competency Training	DOL EET - Worker Skills Upgrading - Existing Employee Training	\$ 77,939	\$ 77,939	\$ 38,779	Blue

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
2013							
32550	City of Long Beach	Comprehensive Plan (CP) Update	NYSERDA CGC2 - Cleaner Greener Communities (CGC), Phase II Implementation Grants, Category 2: Comprehensive Planning	\$ 187,500	\$ 400,000	\$ 124,453	Green
32550	City of Long Beach	Creating Resilience: A Planning Initiative	DOS LWRP - Local Waterfront Revitalization Program	\$ 75,000	\$ 150,000	\$ -	Green
30230	AL Energy Solutions LED LLC	Metal Fabrication and Software Training	DOL NHT - New Hire (On-the-Job) Training	\$ 89,775	\$ 7,770,000		Black
26163	Chembio Diagnostic Systems Inc.	Chembio Diagnostic Systems, Inc. Expansion	ESD EJP - Excelsior Jobs Program	\$ 610,416	\$ 11,300,000	\$ -	Green
26163	Chembio Diagnostic Systems Inc.	Lean Manufacturing and Operations Training	DOL NHT - New Hire (On-the-Job) Training	\$ 100,000	\$ 11,300,000		Black
28597	East End Arts Humanities Council Inc.	Long Island- Winterfest	ESD MNY - Market New York	\$ 162,000	\$ 668,571	\$ 159,994	Blue
28597	East End Arts Humanities Council Inc.	Winterfest Expansion Project	Arts CHPG - Arts, Culture & Heritage Project Grant	\$ 99,408	\$ 668,571	\$ 99,408	Blue
27178	Energy Efficient Solutions	Energy Efficient Solutions Manufacturing Facility	ESD EJP - Excelsior Jobs Program	\$ 300,000	\$ 5,282,700	\$ -	Yellow
27178	Energy Efficient Solutions Inc.	CNC Machine and Operations Training	DOL NHT - New Hire (On-the-Job) Training	\$ 61,500	\$ 5,282,700		Black
31430	LIT Labs Inc. dba Long Island Testing Laboratories, Inc.	Non-Destructive Testing Training	DOL NHT - New Hire (On-the-Job) Training	\$ 15,000	\$ 1,500,725		Black
31430	LIT Labs, LLC	LI Testing Lab Expansion	ESD - Empire State Development Grant Funds	\$ 150,000	\$ 1,415,000	\$ -	Green
31123	Long Island Compost Corp	Long Island Compost Anaerobic Digester	ESD - Empire State Development Grant Funds	\$ 400,000	\$ 40,000,000	\$ -	Green
25793	Powertech Controls Company, Inc.	Powertech Controls Co. Expansion	ESD EJP - Excelsior Jobs Program	\$ 267,638	\$ 2,850,000	\$ -	Green
25793	Powertech Controls Company, Inc.	ISO Quality Management System and Lean Manufacturing Training	DOL EET - Existing Employee Training Program	\$ 50,400	\$ 2,932,098	\$ 50,125	Blue
28560	St Josephs College	Hospitality/ Tourism Workforce Training at St. Joseph's College	ESD - Empire State Development Grant Funds	\$ 800,000	\$ 3,950,000	\$ -	Green
28560	St Josephs College	St Josephs College HTM Program Reinvigorating the LI Tourism Industry	ESD MNY - Market New York	\$ 197,551	\$ 7,509,987	\$ 66,754	Blue
31820	Stony Brook University	Regional Workforce Intelligence Pilot	ESD SPFS - ESD - Strategic Planning and Feasibility Studies	\$ 100,000	\$ 159,050	\$ -	Black

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
31820	Stony Brook University	Regional Workforce Intelligence Pilot	ESD OA - Empire State Development Grant Funds	\$ 45,000	\$ 49,500	\$ 44,859	Blue
32035	Town of Babylon	East Farmingdale Redevelopment Study	ESD - Empire State Development Grant Funds	\$ 500,000	\$ 1,145,000	\$ -	Green
32035	Town of Babylon	The Town of Babylon Form Based Code Adoption	NYSERDA CGC2 - Cleaner Greener Communities (CGC), Phase II Implementation Grants, Category 2: Comprehensive Planning	\$ 200,000	\$ 11,450,000	\$ 108,023	Green
30230	AL Energy Solutions LED LLC	AL Energy Solutions LED LLC	ESD EJP - Excelsior Jobs Program	\$ 1,143,500	\$ 7,770,000	\$ -	Green
31123	Long Island Compost Corp	Long Island Compost Anaerobic Digester In Yaphank	NYSERDA CGC3 - Cleaner Greener Communities (CGC), Phase II Implementation Grants, Category 3: Sustainability Projects	\$ 1,350,000	\$ 40,000,000	\$ 282,321	Green
24626	Ametek Hughes Treitler	High Tech Production at Ametek Hughes- Treitler	ESD - Empire State Development Grant Funds	\$ 160,000	\$ 1,600,000	\$ -	Green
29409	Hofstra University	MultiPurpose Big Data and Parallel Processor CyberSecurity Laboratory	ESD - Empire State Development Grant Funds	\$ 1,000,000	\$ 5,000,000	\$ 1,000,000	Blue
29534	Cold Spring Harbor Laboratory	Cold Spring Harbor Therapeutics Discovery Center	ESD - Empire State Development Grant Funds	\$ 2,000,000	\$ 25,010,000	\$ -	Green
27601	Hofstra University	Robotics Automation and Advanced Manufacturing Laboratory	ESD - Empire State Development Grant Funds	\$ 1,000,000	\$ 5,000,000	\$ 1,000,000	Blue
31342	Johnson & Hoffman, LLC	Operations and Software Training	DOL EET - Existing Employee Training Program	\$ 42,900	\$ 92,694	\$ 8,580	Blue
31494	Nassau County	Long Island Park & Preserve Access Improvement Project	Parks RTP - Recreational Trails Program	\$ 200,000	\$ 8,830,000	\$ -	Green
28686	Nassau County	Municipal Cooperative Procurement Program	DOS LGE - Local Government Efficiency Program	\$ 317,700	\$ 480,000	\$ 285,930	Green
32378	Nassau County	Nassau Hub Shared Use Structured Parking	ESD - Empire State Development Grant Funds	\$ 500,000	\$ 2,500,000	\$ -	Green
29540	Planting Fields Arboretum	Green Infrastructure Retrofi	EFC GIGP - Green Innovation Grant Program	\$ 800,000	\$ 1,000,000	\$ 800,000	Blue
30919	Planting Fields Foundation	Camellia House Restoration	Parks HPA - Historic Property Acquisition, Development and Planning	\$ 250,000	\$ 514,475	\$ 250,000	Blue

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
28222	South Nassau Communities Hospital	Medical Operations Skills Training	DOL EET - Existing Employee Training Program	\$ 99,897	\$ 104,273	\$ 77,801	Blue
29515	Town of North Hempstead	Increased Effi in Home Health Care and Senior Services	DOS LGE - Local Government Efficiency Program	\$ 58,000	\$ 65,000	\$ 58,000	Blue
29041	City of Glen Cove	The Glen Cove Waterfront Connector Reconstruction of Herb HillGarvies Point Road	ESD - Empire State Development Grant Funds	\$ 2,500,000	\$ 18,720,000	\$ -	Green
30748	GCVS LLC	Glen Cove Piazza	ESD - Empire State Development Grant Funds	\$ 1,000,000	\$ 51,750,000	\$ -	Green
29014	Inc. Village of Freeport	Waterfront Park Bulkhead Replacement	Parks PA - Park Acquisition, Development and Planning	\$ 250,000	\$ 976,475	\$ 250,000	Blue
29510	Town of North Hempstead	North Hempstead Alternative Fuel Network	NYSERDA CGC3 - Cleaner Greener Communities (CGC), Phase II Implementation Grants, Category 3: Sustainability Projects	\$ 1,000,000	\$ 1,775,000	\$ -	Black
29511	Town of North Hempstead	Town of North Hempstead Waterfront Revitalization Plan	DOS LWRP - Local Waterfront Revitalization Program	\$ 125,000	\$ 250,000	\$ -	Green
29716	Long Island Arts Alliance, Inc.	Arts Alive LI 2014	ESD MNY - Market New York	\$ 150,000	\$ 349,950	\$ 150,000	Blue
31225	Long Island Traditions	Maritime Traditions Program	Arts CHPG - Arts, Culture & Heritage Project Grant	\$ 50,000	\$ 105,000	\$ 50,000	Blue
28702	Stony Brook University	Stony Brook University NYS Certifi Business Incubator Proposal	ESD HSSP - New York State Business Incubator and Innovation Hot Spot Support Program	\$ 125,000	\$ -	\$ -	Green
31601	Plaza MAC, Inc.	Digital Projection System	Arts DFPCP - Digital Film Projector Conversion Program	\$ 25,500	\$ 51,000	\$ 25,500	Blue
32557	TNS Aerospace	Business Purchase	ESD - Empire State Development Grant Funds	\$ 200,000	\$ 5,000,000	\$ -	Black
29658	Air Techniques Inc.	Air Techniques Cleanroom Construction	ESD - Empire State Development Grant Funds	\$ 39,025	\$ 195,127	\$ -	Black
30724	American Pride Fasteners, LLC	Operational Skills Training	DOL EET - Existing Employee Training Program	\$ 79,490	\$ 179,036	\$ 20,590	Blue
29927	American Racing Headers & Exhaust, Inc.	Manufacturing Transformation Training	DOL EET - Existing Employee Training Program	\$ 100,000	\$ 267,302	\$ 100,000	Blue
30410	Amneal Pharmaceuticals LLC	Operational Skills Training	DOL EET - Existing Employee Training Program	\$ 86,700	\$ 398,958	\$ 80,300	Blue

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
29102	B & R Industries Inc.	CNC Machine and Operations Training	DOL NHT - New Hire (On-the-Job) Training	\$ 15,000	\$ 270,632	\$ -	Black
27290	Betatronix, LLC	Lean Manufacturing Training	DOL EET - Existing Employee Training Program	\$ 77,000	\$ 139,229	\$ 77,000	Blue
29841	Bio-Botanica, Inc.	Advanced Lean Manufacturing Training	DOL EET - Existing Employee Training Program	\$ 48,500	\$ 48,500	\$ 48,500	Blue
28332	Rose Breslin Associates LLC	The Meadows at Yaphank	ESD - Empire State Development Grant Funds	\$ 1,500,000	\$ 51,486,000	\$ -	Green
32484	Brookhaven National Laboratory	BNL Solar Array	ESD - Empire State Development Grant Funds	\$ 1,000,000	\$ 2,217,900	\$ -	Green
30982	Browders Birds Pastured Poultry Farm LLC	Mobile Processing Unit for Organic Poultry	ESD - Empire State Development Grant Funds	\$ 61,375	\$ 287,100	\$ 30,687	Blue
27940	Byrd Hoffman Watermill Foundation	Arts Program Development	Arts CHPG - Arts, Culture & Heritage Project Grant	\$ 100,000	\$ 200,000	\$ 100,000	Blue
31432	Cable Management Solutions, Inc. dba Snake Tray	Process Improvement and Operations Training	DOL NHT - Excelsior Jobs Program	\$ 50,000	\$ 6,120,000	\$ -	Black
27121	CorJ Seafood	Cor-J Seafood Ice Production Facility	ESD - Empire State Development Grant Funds	\$ 94,600	\$ 473,000	\$ -	Green
27366	Crosstex International, Inc.	Lean and Advanced Manufacturing Training	DOL EET - Existing Employee Training Program	\$ 50,600	\$ 91,466	\$ 50,600	Blue
30180	CS Wholesale Grocers Inc.	Food Distribution Warehouse	ESD EJP - Excelsior Jobs Program	\$ 3,600,000	\$ 130,000,000	\$ -	Green
31328	Cubitek, Inc.	AS9100 Quality Management System Training	DOL EET - Existing Employee Training Program	\$ 29,100	\$ 70,450	\$ 29,100	Blue
30088	Data Device Corporation	Lean Manufacturing and Process Improvement Training	DOL EET - Existing Employee Training Program	\$ 99,350	\$ 2,422,780	\$ 90,900	Blue
30351	Dayton T. Brown, Inc.	Project Planning and Control Training	DOL EET - Existing Employee Training Program	\$ 100,000	\$ 338,155	\$ 100,000	Blue
30882	EBDK Research at Calverton LLC	CARE NY Calverton Addiction Research and Education Research Center	ESD - Empire State Development Grant Funds	\$ 1,000,000	\$ 15,028,072	\$ -	Green
28672	Economic Opportunity Council of Suffolk	Wyandanch Weed and Seed	DOS CSBG - Community Services Block Grant	\$ 90,120	\$ 112,653	\$ 71,419	Blue
29734	U.S. Nonwovens Corp	Building Acquisition and Business Expansion	ESD EJP - Excelsior Jobs Program	\$ 2,000,000	\$ 2,300,000	\$ -	Green
31580	GKN Aerospace Monitor, Inc.	Operations and Software Training	DOL EET - Existing Employee Training Program	\$ 75,000	\$ 75,000	\$ 73,400	Blue
23953	Heckscher Museum of Art	Heckscher Museum of Art Improvements	ESD - Empire State Development Grant Funds	\$ 800,000	\$ 24,191,942	\$ -	Green
31838	Huntington Arts Council, Inc.	Community Arts Programs	Arts CHPG - Arts, Culture & Heritage Project Grant	\$ 74,000	\$ 212,000	\$ 74,000	Blue

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
31134	Islip Resource Recovery Agency	CNG Stations For Refuse Trucks On Long Island	NYSERDA CGC3 - Cleaner Greener Communities (CGC), Phase II Implementation Grants, Category 3: Sustainability Projects	\$ 1,000,000	\$ 2,600,000	\$ 350,000	Green
31434	Javin Machine Corp.	Lean Manufacturing and ISO Quality Management Training	DOL NHT - Excelsior Jobs Program	\$ 42,810	\$ 1,574,500	\$ -	Black
30952	John T. Mather Memorial Hospital of Port Jefferson, New York, Inc.	Information Technology and Medical Coding Training	DOL EET - Existing Employee Training Program	\$ 53,604	\$ 53,604	\$ 52,541	Blue
26616	L and G Fisheries	New Technology for Long Island Commercial Fishing	ESD - Empire State Development Grant Funds	\$ 105,000	\$ 504,000	\$ -	Green
31299	Lanco Corporation	Lanco Corporation Expansion	ESD EJP - Excelsior Jobs Program	\$ 1,000,000	\$ 2,600,000	\$ -	Black
30013	Long Island Wine Council	Access East End	ESD MNY - Market New York	\$ 285,000	\$ 385,000	\$ 277,604	Blue
28391	Maloya Laser Inc.	Expansion of Maloya Laser	ESD - Empire State Development Grant Funds	\$ 150,000	\$ 1,553,000	\$ -	Black
30903	Martin Sidor Farms Inc.	Business Expansion	ESD - Empire State Development Grant Funds	\$ 50,000	\$ 478,000	\$ -	Black
31459	MPI Consulting Incorporated dba Wal Machine	Operations and Quality Management Training	DOL NHT - Excelsior Jobs Program	\$ 69,300	\$ 4,585,000	\$ -	Black
31547	Nastra Automotive Industries Inc.	Equipment Purchase and Business Expansion	ESD EJP - Excelsior Jobs Program	\$ 100,000	\$ 100,000	\$ -	Black
32254	Peck & Hale, L.L.C.	ISO 9001 Quality Management Systems Training	DOL EET - Existing Employee Training Program	\$ 29,100	\$ 79,688	\$ 29,100	Blue
25548	Pool Cover Corporation	Pool Cover Corp. Expansion	ESD EJP - Excelsior Jobs Program	\$ 903,888	\$ 2,600,000	\$ -	Black
30065	Precare Corp. dba Premier Care Industries	Operational Skills Training	DOL NHT - Excelsior Jobs Program	\$ 61,572	\$ 1,800,000	\$ -	Green
30804	SCCC	ESD Mfg training	ESD OA - ESD Technical Assistance and Training Grants ? Opportunity Agenda Projects	\$ 32,500	\$ 27,669	\$ 24,903	Blue
26728	School-Business Partnerships of Long Island, Inc.	LI Robotics Programs: Transforming STEM into Tomorrow's Workforce	ESD - Empire State Development Grant Funds	\$ 100,000	\$ 228,600	\$ -	Black
27389	Skydive Long Island	Altitude Express Indoor Skydiving Facility	ESD - Empire State Development Grant Funds	\$ 250,000	\$ 4,266,748	\$ -	Black
27289	Peconic Landing at Southold Inc.	Special Needs and Acute Rehabilitation Center	ESD - Empire State Development Grant Funds	\$ 800,000	\$ 22,000,000	\$ -	Green

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
29773	SPX Precision Components LLC	Advanced Lean Manufacturing Training	DOL EET - Existing Employee Training Program	\$ 48,500	\$ 48,500	\$ 27,500	Blue
27587	Stony Brook University	Health Careers Academic Readiness and Excellence	HESC CACG - College Access Challenge Grant	\$ 50,000	\$ 168,754	\$ 48,367	Blue
30710	Stony Brook University	Operational Skills Training	DOL UWT - Unemployed Worker Training	\$ 95,200	\$ 95,200	\$ 95,200	Blue
28600	Stony Brook University	Stony Brook Innovation and Discovery Center	ESD - Empire State Development Grant Funds	\$ 2,000,000	\$ 60,000,000	\$ -	Green
28594	Stony Brook University	Stony Brook University Small Business Matching Grant Program	ESD - Empire State Development Grant Funds	\$ 1,500,000	\$ 7,500,000	\$ 150,000	Green
30080	Suffolk County Community College	Campus Stormwater Initiative	EFC GIGP - Green Innovation Grant Program	\$ 393,043	\$ 436,715	\$ 339,678	Blue
30155	Suffolk County Community College	Youth Entrepreneurial Financial Literacy and College Preparation Initiative	ESD OA - ESD Technical Assistance and Training Grants ? Opportunity Agenda Projects	\$ 22,500	\$ 25,000	\$ -	Green
30809	Suffolk County Department of Public Works	Kings Park Sewers	ESD - Empire State Development Grant Funds	\$ 1,000,000	\$ 20,600,000	\$ -	Green
28998	Suffolk County Economic Development Planning	Connect Long Island Bus Rapid Transit	NYSDERDA CGC3 - Cleaner Greener Communities (CGC), Phase II Implementation Grants, Category 3: Sustainability Projects	\$ 1,500,000	\$ 6,993,600	\$ 111,621	Green
32473	Suffolk County Office of Film and Cultural Affairs	Wyandanch Rising STEaM Center	Arts CHPG - Arts, Culture & Heritage Project Grant	\$ 100,000	\$ 110,000	\$ 30,000	Blue
30301	Telephonics Corporation	Process Improvement and Lean Manufacturing Training	DOL EET - Existing Employee Training Program	\$ 90,725	\$ 238,448	\$ 76,325	Blue
28451	The SUNY Research Foundation	High Performance Computing at Stony Brook and Brookhaven	ESD - Empire State Development Grant Funds	\$ 1,000,000	\$ 5,000,000	\$ -	Green
26392	Town of Babylon	Wyandanch Rising	ESD - Empire State Development Grant Funds	\$ 1,000,000	\$ 3,941,200	\$ -	Green
27881	Town of East Hampton	Town of East Hampton Commercial Fishing Docks Infrastructure Project	DOS LWRP - Local Waterfront Revitalization Program	\$ 253,641	\$ 507,282	\$ 253,641	Blue
32090	Town of Southampton	Design and Construction of Peconic River Pedestrian Bridge	DOS LWRP - Local Waterfront Revitalization Program	\$ 85,875	\$ 171,750	\$ -	Blue
27578	Town of Southampton	Planning for Good Ground Park	Parks PA - Park Acquisition, Development and Planning	\$ 128,519	\$ 257,037	\$ 128,519	Blue

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
30218	Ultra Motion LLC	Advanced Manufacturing Skills Training	DOL EET - Existing Employee Training Program	\$ 30,000	\$ 56,218	\$ 4,846	Blue
29668	United Way of Long Island Inc.	United Way of Long Island SNAP Opportunities Program	OTDA SNAP - SNAP Opportunities	\$ 300,000	\$ 600,000	\$ 404,385	Green
32345	Wyandanch Community Development Corporation	WCDC Affordable Housing	HCR UI - HCR - Urban Initiatives (UI)	\$ 150,000	\$ 340,000	\$ 150,000	Blue
31258	Suffolk County	Operational Consolidation of 22 Sewer Districts	DOS LGE - Local Government Efficiency Program	\$ 25,000	\$ 30,000	\$ -	Green
26873	The Cherry Grove Community Association Inc.	Cherry Grove Community Center/Theater	Parks HPA - Historic Property Acquisition, Development and Planning	\$ 334,863	\$ 712,070	\$ 334,863	Blue
27195	Town of Riverhead Community Development Agency	EPCAL Sewer Treatment Upgrade	ESD - Empire State Development Grant Funds	\$ 1,340,000	\$ 6,700,000	\$ -	Green
28007	Town of Smithtown	Town of Smithtown Local Waterfront Revitalization Program Update	DOS LWRP - Local Waterfront Revitalization Program	\$ 30,000	\$ 60,000	\$ 4,900	Green
27180	ADDAPT	Advanced Manufacturing Group Competitiveness Project	ESD - Empire State Development Grant Funds	\$ 1,000,000	\$ 5,000,000	\$ -	Green
2014							
39569	City of Glen Cove	Waterside Recreational Redevelopment Planning for the South Side of Glen Cove Creek	DOS LWRP - Local Waterfront Revitalization Program	\$ 300,000	\$ 600,000	\$ -	Green
39569	City of Glen Cove	Waterside Recreational Redevelopment Planning	Parks PADP - Park Acquisition, Development and Planning	\$ 300,000	\$ 600,000	\$ -	Green
40329	Albanese Development Corporation	Wyandanch Rising Building C	ESD - Empire State Development Grant Funds	\$ 1,500,000	\$ 37,740,000	\$ -	Green
40329	Albanese Development Corporation	Wyandanch Rising Building C	NYSERDA CGC3 - Cleaner Greener Communities (CGC), Phase II Implementation Grants, Category 3: Sustainability Projects - Round 2 (CFA Round 4)	\$ 3,229,752	\$ 5,229,752	\$ -	Orange
40030	Posimech, Inc.	Lean Manufacturing Training	DOL EET - Existing Employee Training Program	\$ 58,000	\$ 790,482	\$ 58,000	Blue
40030	Posimech, Inc.	Facility Expansion	ESD EJP - Excelsior Jobs Program	\$ 30,825	\$ 690,000	\$ -	Black
41798	Town of Riverhead	Agri-tourism Visitors Center	ESD - Empire State Development Grant Funds	\$ 500,000	\$ 2,500,000	\$ -	Green

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
41798	Town of Riverhead	Agri-tourism Visitors Center	ESD MNY - Market New York	\$ 200,000	\$ 2,500,000	\$ -	Red
39292	Town of Southampton	Hampton Bays Downtown Revitalization Construction of Good Ground Park	ESD - Empire State Development Grant Funds	\$ 443,000	\$ 3,405,747	\$ -	Green
39292	Town of Southampton	Hampton Bays Downtown Revitalization Construction of Good Ground Park	Parks PADP - Park Acquisition, Development and Planning	\$ 500,000	\$ 2,216,605	\$ 500,000	Blue
40305	Adelphi University	Nursing Innovation Lab and Training Center	ESD - Empire State Development Grant Funds	\$ 2,500,000	\$ 15,000,000	\$ -	Green
39350	Blumenfeld Development Group	Nassau Coliseum Sports and Entertainment District	ESD - Empire State Development Grant Funds	\$ 1,000,000	\$ 11,942,250	\$ -	Green
41060	Christeen Oyster Sloop Preservation Corporation	Construction of the Ida May replica oyster dredge	Parks HAS - Heritage Areas System Acquisition, Development and Planning	\$ 173,451	\$ 366,502	\$ 75,238	Green
42553	Cold Spring Harbor Laboratory	Establish Center for Metabolomics	ESD - Empire State Development Grant Funds	\$ 1,500,000	\$ 4,000,000	\$ -	Green
38596	Elite Manufacturing Technologies, LLC	EMT Expansion	ESD - Empire State Development Grant Funds	\$ 50,000	\$ 710,000	\$ -	Green
42989	Exergy, LLC	Facility Expansion and Renovation	ESD EJP - Excelsior Jobs Program	\$ 350,000	\$ 445,000	\$ -	Green
40211	Freeport Community Development Agency	Freeport Channel Crossing Electrical Improvements / Outage Management System	ESD - Empire State Development Grant Funds	\$ 325,000	\$ 3,229,502	\$ -	Black
42137	Great Neck Water Pollution Control District	Grease Receiving Station	ESD - Empire State Development Grant Funds	\$ 270,000	\$ 1,350,000	\$ -	Green
40500	Hofstra University	Establish STEM Education Center	ESD - Empire State Development Grant Funds	\$ 1,500,000	\$ 4,345,000	\$ -	Green
40603	Inc. Village of Sea Cliff	Sea Cliff Village Hall Complex Exterior Renovation Phase II	Parks HAS - Heritage Areas System Acquisition, Development and Planning	\$ 300,500	\$ 601,000	\$ 300,245	Blue
41275	Long Island University	LIU Research, Innovation and Technology Park	ESD - Empire State Development Grant Funds	\$ 500,000	\$ 2,600,000	\$ -	Green
40314	Nassau County	South Shore Blueway Trail Implementation	DOS LWRP - Local Waterfront Revitalization Program	\$ 240,000	\$ 480,000	\$ -	Green
42549	New York Institute of Technology	INNOVATION CONTINUUM High School to College to Workforce	ESD - Empire State Development Grant Funds	\$ 100,000	\$ 489,000	\$ -	Green

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
40591	North Shore Historical Museum, Inc.	Raise the Eagle, Phase 3 - Justices Court Building Façade Restoration	Parks HAS - Heritage Areas System Acquisition, Development and Planning	\$ 75,000	\$ 150,000	\$ 4,830	Green
40474	Planting Fields Foundation	Sensory Garden	Parks PADP - Park Acquisition, Development and Planning	\$ 250,000	\$ 515,000	\$ 75,000	Green
15312	Richner Communications, Inc.	Facility Upgrade	ESD EJP - Excelsior Jobs Program	\$ 200,000	\$ 2,600,000	\$ -	Green
41218	South Nassau Communities Hospital	South Nassau Hospital Emergency Department Expansion	ESD - Empire State Development Grant Funds	\$ 500,000	\$ 57,900,000	\$ -	Green
38635	South Nassau Communities Hospital	Medical Coding and Technical Training	DOL EET - Existing Employee Training Program	\$ 99,601	\$ 368,506	\$ 93,352	Blue
39751	Sulzer Metco (US), Inc.	Lean Manufacturing and Management Training	DOL EET - Existing Employee Training Program	\$ 100,000	\$ 15,377,094	\$ -	Green
39482	Town of Oyster Bay	Theodore Roosevelt Blueway Trail Implementation	DOS LWRP - Local Waterfront Revitalization Program	\$ 83,911	\$ 167,822	\$ -	Green
40081	Village of Freeport	South Shore Blueway Trail Kayak Launch at Waterfront Park	DOS LWRP - Local Waterfront Revitalization Program	\$ 16,000	\$ 32,000	\$ -	Green
41519	Village of Great Neck Plaza, Inc.	Sustainable Maple Drive Parking Lot Redevelopment	EFC GIGP - Green Innovation Grant Program	\$ 675,000	\$ 794,313	\$ 641,250	Blue
43468	City of Long Beach	Marketing Promotion	ESD MNY - Market New York	\$ 300,000	\$ 400,000	\$ 194,561	Green
42843	Nassau County, Department of Public Works	Countywide Stormwater Check Valves Flood Mitigation Project	ESD - Empire State Development Grant Funds	\$ 1,600,000	\$ 8,000,000	\$ -	Green
42835	Nassau County, Department of Public Works	Beech Street Park Avenue Drainage Improvement Project	ESD - Empire State Development Grant Funds	\$ 1,000,000	\$ 5,000,000	\$ -	Green
39784	Town of North Hempstead	Gold Coast Film Festival	ESD MNY - Market New York	\$ 75,000	\$ 100,000	\$ 75,000	Green
41715	Casbah Pictures, Inc.	Long Island History, Arts and Tourism Series	ESD MNY - Market New York	\$ 18,050	\$ 18,925	\$ -	Black
41516	LiRo Engineers, Inc.	Field Testing and Inspection Training	DOL EET - Existing Employee Training Program	\$ 28,150	\$ 28,150	\$ 9,578	Blue
39361	Long Island Arts Alliance	Arts Alive LI	ESD MNY - Market New York	\$ 150,000	\$ 168,309	\$ 89,601	Green
43096	Long Island High Technology Incubator Inc.	Long Island Innovation Hotspot	ESD HSSP - New York State Innovation Hot Spot Support Program	\$ 250,000	\$ 2,250,000	\$ -	Yellow
40730	Long Island Traditions	Changing Tides Exhibits and Tours	Arts CHPG - Arts, Culture & Heritage Project Grant - Round 4	\$ 39,000	\$ 148,600	\$ 39,000	Blue

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
42450	Medical Depot, Inc.	Management, Communications and Software Training	DOL EET - Existing Employee Training Program	\$ 90,000	\$ 231,389	\$ 90,000	Blue
41478	mindSHIFT Technologies, Inc.	Data Center Expansion	ESD EJP - Excelsior Jobs Program	\$ 1,000,000	\$ 20,843,000	\$ -	Green
42301	Peconic Land Trust, Incorporated	Agriculture Capital Equipment Grant Program	ESD - Empire State Development Grant Funds	\$ 1,000,000	\$ 5,000,000	\$ 300,000	Green
39884	Town of Hempstead Department of Occupational Resources	Medical Careers Training	DOL UWT - Unemployed Worker Training Program	\$ 100,000	\$ 200,000	\$ 31,111	Blue
41786	Town of North Hempstead	Electric Vehicle Charging Stations Along LI Expressway	NYSERDA CGC3 - Cleaner Greener Communities (CGC), Phase II Implementation Grants, Category 3: Sustainability Projects - Round 2 (CFA Round 4)	\$ 625,000	\$ 832,500	\$ -	Orange
40005	Magellan Aerospace, New York, Inc.	Advanced Aerospace Manufacturing Training	DOL EET - Existing Employee Training Program	\$ 100,000	\$ 479,398	\$ -	Black
39537	Air Industries Group, Inc.	Lean Manufacturing and Operations Training	DOL EET - Existing Employee Training Program	\$ 99,670	\$ 264,270	\$ -	Green
43130	American Pride Fasteners	Manufacturing Expansion Project	ESD - Empire State Development Grant Funds	\$ 50,000	\$ 400,000	\$ -	Green
41323	American Pride Fasteners, LLC	Advanced Manufacturing Training	DOL EET - Existing Employee Training Program	\$ 80,000	\$ 920,258	\$ -	Black
39164	American Racing Headers & Exhaust, Inc.	Advanced Manufacturing Training	DOL EET - Existing Employee Training Program	\$ 64,000	\$ 1,266,326	\$ 64,000	Blue
43497	Ancon Gear & Instruments Corp.	Manufacturing Expansion Project	ESD - Empire State Development Grant Funds	\$ 90,000	\$ 1,100,000	\$ -	Green
40099	Applied DNA Sciences, Inc.	Project Management and Lean Training	DOL EET - Existing Employee Training Program	\$ 84,815	\$ 243,555	\$ 44,502	Blue
40411	Big Apple Sign Corp.	Facility Expansion	ESD EJP - Excelsior Jobs Program	\$ 590,220	\$ 5,000,000	\$ -	Green
40852	C & H Machining, Inc.	Quality Management System and Lean Training	DOL EET - Existing Employee Training Program	\$ 43,176	\$ 70,814	\$ 42,976	Blue
42591	Certerra, Inc.	Production Expansion and Relocation	ESD EJP - Excelsior Jobs Program	\$ 436,344	\$ 9,000,000	\$ -	Black
42266	Chembio Diagnostic Systems, Inc.	Lean Operations and Management Training	DOL EET - Existing Employee Training Program	\$ 100,000	\$ 283,974	\$ 41,537	Blue
41906	Contract Pharmacal Corporation	Facility Expansion	ESD EJP - Excelsior Jobs Program	\$ 1,000,000	\$ 6,200,000	\$ -	Green
40810	Country Life, LLC	Supply Chain Management and Resource Planning Training	DOL EET - Existing Employee Training Program	\$ 48,000	\$ 48,000	\$ 48,000	Blue

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
42950	Dayton T. Brown, Inc.	Manufacturing Operations and Software Training	DOL EET - Existing Employee Training Program	\$ 97,329	\$ 266,279	\$ -	Black
42907	E B Industries, LLC	Lean Operations, Quality and Management Training	DOL EET - Existing Employee Training Program	\$ 51,267	\$ 161,710	\$ -	Black
40420	East End Arts & Humanities Council	Winterfest 2015	Arts CHPG - Arts, Culture & Heritage Project Grant - Round 4	\$ 59,300	\$ 98,780	\$ 59,300	Blue
40561	Frank Lowe Rubber & Gasket Co., Inc.	Lean Transformation Training	DOL EET - Existing Employee Training Program	\$ 50,000	\$ 1,403,860	\$ 47,500	Blue
40382	Herstory Writers Workshop, Inc.	Strengthen Program Development & Partnerships	Arts WIP - Workforce Investment Program - Round 4	\$ 49,500	\$ 120,000	\$ 49,500	Blue
39652	Incorporated Village of Patchogue	Patchogue Structured Parking Design	ESD - Empire State Development Grant Funds	\$ 60,000	\$ 300,000	\$ -	Green
41100	Intelligent Product Solutions, Inc.	Project Management and Process Improvement Training	DOL EET - Existing Employee Training Program	\$ 43,200	\$ 109,817	\$ 13,390	Blue
42993	J&K Electronics, Inc.	Facility Expansion	ESD EJP - Excelsior Jobs Program	\$ 240,373	\$ 425,000	\$ -	Green
42468	Lasticks Aerospace, Inc.	Manufacturing Expansion Project	ESD - Empire State Development Grant Funds	\$ 50,000	\$ 1,500,000	\$ -	Black
41702	Long Island Wine Council	Long Island Wine Country Global Trade and Tourism Initiative	ESD MNY - Market New York	\$ 285,000	\$ 380,000	\$ 202,500	Green
40408	Luitpold Pharmaceuticals, Inc.	Lean Operations Training	DOL EET - Existing Employee Training Program	\$ 91,800	\$ 303,441	\$ 91,800	Blue
42044	Molloy College	Long Island Complete Green Homes	NYSERDA CGC3 - Cleaner Greener Communities (CGC), Phase II Implementation Grants, Category 3: Sustainability Projects - Round 2 (CFA Round 4)	\$ 2,395,248	\$ 3,413,128	\$ 690,866	Green
41240	Molloy College	Center for Environmental Research and Coastal Oceans Monitoring	ESD - Empire State Development Grant Funds	\$ 1,000,000	\$ 5,000,000	\$ -	Black
36642	Montauk Historical Society	1838 Keepers Quarters Stabilization	Parks HPADP - Historic Property Acquisition, Development and Planning	\$ 249,473	\$ 498,946	\$ -	Black
41895	Nationwide Exhibitor Services, Inc.	Facility Expansion	ESD EJP - Excelsior Jobs Program	\$ 150,000	\$ 4,522,000	\$ -	Green

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
42445	North Shore Land Alliance	95 Shore Road Habitat Restoration Phases 3 and 4	Parks HAS - Heritage Areas System Acquisition, Development and Planning	\$ 56,620	\$ 115,120	\$ 43,723	Green
42676	Orbit International Corp.	Quality Management Systems Training	DOL EET - Existing Employee Training Program	\$ 100,000	\$ 105,210	\$ 99,459	Blue
42136	Parrish Art Museum	Andreas Gursky Exhibition Parrish Art Museum	Arts CHPG - Arts, Culture & Heritage Project Grant - Round 4	\$ 76,000	\$ 476,043	\$ 76,000	Blue
42431	Precipart Corporation	Soldering and Customer Service Training	DOL EET - Existing Employee Training Program	\$ 17,625	\$ 59,205	\$ -	Black
43018	Qosina Corporation	Lean Manufacturing and Quality Management Training	DOL EET - Existing Employee Training Program	\$ 77,525	\$ 198,496	\$ 77,525	Blue
40853	Rising Sun Woodworking	CNC Machine Purchase	ESD - Empire State Development Grant Funds	\$ 19,500	\$ 96,000	\$ -	Green
40800	Rose Breslin Associates, LLC	The Meadows at Yaphank Phase II	ESD - Empire State Development Grant Funds	\$ 1,500,000	\$ 51,241,360	\$ -	Green
41131	Southampton Cultural Center	Riser Purchase	Arts APCE - Artistic Program Capital Equipment - Round 4	\$ 34,700	\$ 34,704	\$ 17,350	Blue
39951	St. Joseph's College	Expanding Opportunities for Nursing and Veterans	ESD - Empire State Development Grant Funds	\$ 642,500	\$ 3,222,300	\$ -	Green
43055	Stony Brook University	Center of Excellence for Infrastructure and Energy Cybersecurity	ESD - Empire State Development Grant Funds	\$ 1,000,000	\$ 5,000,000	\$ -	Green
42921	Suffolk County	Reclaiming Our Water Improving Coastal Resiliency with Sewer Infrastructure	ESD - Empire State Development Grant Funds	\$ 4,000,000	\$ 387,000,000	\$ -	Green
42621	Suffolk County Community College	Manufacturing, Health Care, and Energy Training	DOL UWT - Unemployed Worker Training Program	\$ 100,000	\$ 100,000	\$ 34,708	Blue
38995	Suffolk County Community College	Workforce Development Initiative	ESD - Empire State Development Grant Funds	\$ 236,000	\$ 683,844	\$ -	Black
42132	Suffolk County Department of Economic Development & Planning	Wyandanch Rising STEaM Center Phase II Design and Construction	ESD - Empire State Development Grant Funds	\$ 64,000	\$ 250,400	\$ -	Black
40918	Suffolk County Workforce Investment Board	Construction Trades Training	DOL UWT - Unemployed Worker Training Program	\$ 100,000	\$ 219,200	\$ 100,000	Blue
38966	Synergy Resources, Inc.	Management and Operations Training	DOL EET - Existing Employee Training Program	\$ 64,350	\$ 206,660	\$ 38,100	Blue

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
41155	Town of Babylon	Wyandanch Rising: Streetscape Enhancements and Long Island Music Hall of Fame Museum	ESD - Empire State Development Grant Funds	\$ 500,000	\$ 2,400,000	\$ -	Green
40717	Town of East Hampton	Town of East Hampton Decentralized Resilient Energy Assessment and Management Plan	NYSERDA CGC2 - Cleaner Greener Communities (CGC), Phase II Implementation Grants, Category 2: Planning & Technical Assistance - Round 2 (CFA Round 4)	\$ 75,000	\$ 100,000	\$ -	Green
40707	Town of East Hampton	Coastal Erosion Assessment and Resiliency Plan	DOS LWRP - Local Waterfront Revitalization Program	\$ 250,000	\$ 500,000	\$ 24,236	Green
39797	Town of Huntington	James D Conte Community Center	ESD - Empire State Development Grant Funds	\$ 1,500,000	\$ 9,500,000	\$ -	Green
40158	Town of Smithtown	Regional Fuel Facility Consolidation	DOS LGE - Local Government Efficiency Program	\$ 304,329	\$ 1,399,450	\$ -	Green
40715	United Way of Long Island	VETSBUILD Program	DOS CSBG - Community Services Block Grant	\$ 200,000	\$ 250,000	\$ 200,000	Blue
39727	Town of Smithtown	Indoor Organic Waste Processing Facility code amendments	NYSERDA CGC2 - Cleaner Greener Communities (CGC), Phase II Implementation Grants, Category 2: Planning & Technical Assistance - Round 2 (CFA Round 4)	\$ 187,500	\$ 250,000	\$ 43,200	Green
2015							
51023	American Racing Headers Exhaust, Inc.	Design Flow Management Training	DOL EET - Existing Employee Training Program	\$ 94,500	\$ 1,247,500	\$ 21,882	Green
51023	American Racing Headers and Exhaust, Inc.	Business Expansion	ESD EJP - Excelsior Jobs Program	\$ 350,000	\$ 1,153,000	\$ -	Green
5891	D'Addario Company, Inc.	Manufacturing Expansion	ESD EJP - Excelsior Jobs Program	\$ 500,000	\$ 5,285,000	\$ -	Green
5891	D'Addario Company, Inc.	Manufacturing Expansion Project	ESD - Empire State Development Grant Funds	\$ 1,000,000	\$ 5,285,000	\$ -	Green
51755	Incorporated Village of Mastic Beach	Incorporated Village of Mastic Beach	ESD SPFS - ESD - Strategic Planning and Feasibility Studies	\$ 25,000	\$ 68,700	\$ -	Green
50950	SIW, Inc.	Lean Manufacturing Training	DOL EET - Existing Employee Training Program	\$ 40,000	\$ 891,581		Green
50950	SIW, Inc.	SIW, Inc. Manufacturing Expansion	ESD - Empire State Development Grant Funds	\$ 130,000	\$ 1,155,000	\$ -	Black

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
55196	St. Joseph's College	Hospitality and Manufacturing Training	DOL SPTP - Special Populations Training Program	\$ 50,000	\$ 430,000		Green
55196	St. Joseph's College	Hospitality and Manufacturing Training	DOL UWT - Unemployed Worker Training Program	\$ 50,000	\$ 430,000		Green
55774	Suffolk County Landbank Corp.	Suffolk County Landbank Downtown Strategic Site Assessment Program	ESD SPFS - ESD - Strategic Planning and Feasibility Studies	\$ 27,500	\$ 80,298	\$ -	Green
51214	Tesla Science Center at Wardencliff	Tesla Science Center Redevelopment	ESD - Empire State Development Grant Funds	\$ 500,000	\$ 2,500,000	\$ -	Green
51214	Tesla Science Center at Wardencliff	Tesla Science Center Project	ESD MNY - Market New York	\$ 200,000	\$ 2,500,000	\$ -	Green
55774	The Suffolk County Landbank Corp.	Downtown Strategic Site Assessment Program	HCR NYMS- TA - HCR - New York Main Street Technical Assistance (NYMS-TA)	\$ 20,000	\$ 140,798	\$ -	Green
52737	Town of Babylon	Town of Babylon Downtown Copiague Pedestrian, Roadway, and Streetscape Improvements Project	ESD - Empire State Development Grant Funds	\$ 105,000	\$ 525,000	\$ -	Green
52737	Town of Babylon	Downtown Copiague Improvements	HCR NYMS- TA - HCR - New York Main Street Technical Assistance (NYMS-TA)	\$ 20,000	\$ 525,000	\$ 20,000	Blue
52467	Town of Southampton	Good Ground Park Gateway	ESD - Empire State Development Grant Funds	\$ 70,000	\$ 730,192	\$ -	Green
52467	Town of Southampton	Good Ground Park Development - Gateway	OPRHP PKS D - Local Waterfront Revitalization Program	\$ 330,192	\$ 730,192	\$ -	Green
51755	Village of Mastic Beach	Comprehensive Plan	DOS LWRP - Local Waterfront Revitalization Program	\$ 17,175	\$ 68,700	\$ -	Orange
53499	Village of the Branch	Long Island Greenbelt Trail Trailhead Improvements	ESD - Empire State Development Grant Funds	\$ 30,000	\$ 232,700	\$ -	Green
53499	Village of the Branch	Long Island Greenbelt Trail Trailhead Improvements	OPRHP RTP NMD - Recreational Trails Program	\$ 184,560	\$ 230,700	\$ -	Orange
51835	Stony Brook University	Project Management Training	DOL SPTP - Special Populations Training Program	\$ 17,787	\$ 97,830		Black
51835	Stony Brook University	Project Management Training	DOL UWT - Unemployed Worker Training Program	\$ 80,043	\$ 97,830	\$ 80,043	Blue
55811	EV Connect	NY Community Project	#N/A	\$ 257,142	#N/A	#N/A	#N/A

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
57905	Hampton Jitney	Hampton Jitney- I LOVE NY Bus Marketing	ESD MNY - Market New York	\$ 45,000	\$ 60,000	\$ -	Green
57234	Aljo-Gefa Precision Manufacturing LLC	Aljo-Gefa Equipment Expansion Project	ESD - Empire State Development Grant Funds	\$ 200,000	\$ 3,078,000	\$ -	Black
57300	Arkwin Industries Corp.	Arkwin Machinery Purchases and Training	ESD - Empire State Development Grant Funds	\$ 200,000	\$ 3,143,200	\$ -	Black
56155	Cambridge Business Institute Inc.	Nurse Aide Training	DOL UWT - Unemployed Worker Training Program	\$ 99,750	\$ 99,750	\$ 99,750	Blue
51089	City of Glen Cove	City of Glen Cove Downtown Energy Efficient Waterfront Parking Building and Small Business Market Place	ESD - Empire State Development Grant Funds	\$ 500,000	\$ 2,800,000	\$ -	Green
51148	City of nLong Beach	Resilient Connections	DOS LWRP - Local Waterfront Revitalization Program	\$ 500,000	\$ 1,000,000	\$ -	Green
52912	Great Neck Water Pollution Control District	Digester Upgrade	ESD - Empire State Development Grant Funds	\$ 500,000	\$ 9,940,000	\$ -	Green
55823	Grumman Studios Lunar Module Park LLC	Grumman Studios	ESD - Empire State Development Grant Funds	\$ 550,000	\$ 3,000,000	\$ -	Green
57074	Hofstra University	Center for Entrepreneurship Incubator	ESD - Empire State Development Grant Funds	\$ 700,000	\$ 2,800,000	\$ -	Green
53961	Hofstra University	Hofstra University Community Education Workforce and Leadership Training Center	ESD - Empire State Development Grant Funds	\$ 800,000	\$ 5,000,000	\$ -	Green
54115	Incorporated Village of Roslyn	Grist Mill Historic Preservation	OPRHP HP D - Historic Property Acquisition, Development and Planning	\$ 500,000	\$ 1,336,399	\$ -	Green
56156	Molloy College	Molloy College - Digital Platform Incubator Partnership with Baldwin School District	ESD - Empire State Development Grant Funds	\$ 300,000	\$ 1,650,000	\$ -	Green
55205	Nassau County	Downtown Baldwin Complete Streets Enhancements	ESD - Empire State Development Grant Funds	\$ 135,000	\$ 675,000	\$ -	Green
55208	Nassau County	Nassau Hub Site Improvements and Connectivity Enhancements	ESD - Empire State Development Grant Funds	\$ 3,000,000	\$ 19,600,000	\$ -	Green
53612	Nassau County Department of Parks, Recreation and Museums	Marketing Plan for Old Bethpage Village Restoration	ESD MNY - Market New York	\$ 187,500	\$ 115,000	\$ -	Green
56869	New York Institute of Technology	New York Institute of Technology STARTUP NY Incubator	ESD - Empire State Development Grant Funds	\$ 400,000	\$ 1,600,000	\$ -	Green

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
54702	North Shore LIJ Health System	Expansion of Center for Learning and Innovation Employee Training Site	ESD - Empire State Development Grant Funds	\$ 300,000	\$ 3,600,000	\$ -	Green
51315	Oerlikon Metco (US) Inc.	Lean Manufacturing and Soldering Training	DOL EET - Existing Employee Training Program	\$ 91,200	\$ 496,259	\$ -	Orange
54708	Ondrives US Corp.	Business Expansion	ESD EJP - Excelsior Jobs Program	\$ 92,400	\$ 1,925,000	\$ -	Yellow
50531	Planting Fields Foundation	Manor House	OPRHP HP D - Historic Property Acquisition, Development and Planning	\$ 250,000	\$ 500,340	\$ -	Green
50527	South Nassau Communities Hospital	Health Care Professionals Training	DOL EET - Existing Employee Training Program	\$ 63,905	\$ 208,126	\$ -	Green
53818	Sunrise Day Camps Association, Inc.	11 Neil Court Project	ESD - Empire State Development Grant Funds	\$ 500,000	\$ 3,450,000	\$ -	Green
55234	Town of North Hempstead	North Hempstead Cultural Master Plan	Arts CHPG P - Council on the Arts - Arts, Culture and Heritage New Initiatives - Planning (Round 5)	\$ 49,500	\$ 99,000	\$ 49,500	Blue
55224	Town of North Hempstead	North Hempstead Stormwater Mapping Project	DEC WQIP MS4 - Water Quality Improvement Project (WQIP) Program	\$ 316,250	\$ 421,667	\$ 79,063	Green
55230	Town of North Hempstead	Joint Municipal Asset Mapping Project	DOS LGE - Local Government Efficiency Program	\$ 270,000	\$ 300,000	\$ -	Green
55165	Town of North Hempstead	Environmental Master Plan	DOS LWRP - Local Waterfront Revitalization Program	\$ 122,200	\$ 244,400	\$ -	Orange
54627	Winthrop- University Hospital	Winthrop- University Hospital Research Center Equipment Expansion	ESD - Empire State Development Grant Funds	\$ 1,500,000	\$ 5,000,000	\$ -	Green
53602	Winthrop- University Hospital Association	Healthcare Information Technology Training	DOL EET - Existing Employee Training Program	\$ 100,000	\$ 2,383,326	\$ 100,000	Blue
55614	Accelerate Long Island	Accelerate Long Island Capital Equipment Grant Fund	ESD - Empire State Development Grant Funds	\$ 1,000,000	\$ 5,000,000	\$ -	Black
53451	Island Harvest Ltd	Food Bank and Emergency Resource Center	ESD - Empire State Development Grant Funds	\$ 50,000	\$ 1,765,829	\$ -	Green
57642	LaunchPad Long Island	Launchpad LI NYS Certifi Business Incubator	ESD BISP - New York State Business Incubator Support Program	\$ 125,000	\$ 1,125,000	\$ -	Red

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
51091	Long Island Arts Alliance	Arts Alive LI	Arts CHPG P - Council on the Arts - Arts, Culture and Heritage New Initiatives - Planning (Round 5)	\$ 48,906	\$ 340,500	\$ 48,906	Blue
53139	Long Island Traditions	The Arts of Climate Change	Arts CHPG I - Council on the Arts - Arts, Culture and Heritage New Initiatives - Implementation (Round 5)	\$ 31,500	\$ 105,800	\$ 31,500	Blue
51175	Town of Hempstead	Information Technology Training	DOL UWT - Unemployed Worker Training Program	\$ 100,000	\$ 200,000	\$ -	Green
51266	Air Industries Group	Process Improvement and Export Compliance Training	DOL EET - Existing Employee Training Program	\$ 97,365	\$ 283,768	\$ -	Orange
54110	Amneal Pharmaceuticals of New York, LLC	Process Improvement Training	DOL EET - Existing Employee Training Program	\$ 99,650	\$ 445,405	\$ 30,400	Green
54426	Atlantic Fluid Power, Inc. dba Atlantic Industrial Technologies, Inc.	Quality Management Training	DOL EET - Existing Employee Training Program	\$ 56,800	\$ 437,747	\$ 47,048	Green
54750	Autodyne Manufacturing Co. Inc.	Business Expansion	ESD - Empire State Development Grant Funds	\$ 150,000	\$ 1,285,000	\$ -	Green
56146	Avery Biomedical Devices Inc.	Business Expansion	ESD EJP - Excelsior Jobs Program	\$ 195,070	\$ 379,400	\$ -	Green
55671	Babylon Citizens Council on the Arts	Expanded Programmatic Capacity	Arts WIP - Council on the Arts - Workforce Investment (Round 5)	\$ 21,600	\$ 28,800	\$ 21,600	Green
54013	Brookhaven Science Associates	Brookhaven Science Associates Discovery Park Project	ESD - Empire State Development Grant Funds	\$ 1,800,000	\$ 10,000,000	\$ -	Green
57373	Chembio Diagnostic Systems, Inc.	Manufacturing and Management Training	DOL EET - Existing Employee Training Program	\$ 99,950	\$ 99,950	\$ -	Green
52094	Clear Vision Optical Co., Inc.	Process Improvement and Software Training	DOL EET - Existing Employee Training Program	\$ 40,988	\$ 107,408	\$ -	Green
55309	Community Development Corporation of Long Island, Inc.	Peconic Crossing	ESD - Empire State Development Grant Funds	\$ 275,000	\$ 17,510,210	\$ -	Green
54703	D'Addario Company, Inc.	Process Improvement Training	DOL EET - Existing Employee Training Program	\$ 100,000	\$ 232,987	\$ 35,000	Green
52163	Disc Graphics, Inc.	Lean Manufacturing and Management Training	DOL EET - Existing Employee Training Program	\$ 62,700	\$ 173,580	\$ 62,700	Blue
52345	East End Arts Humanities Council	Winterfest Live on the Vine Festival	Arts CHPG I - Council on the Arts - Arts, Culture and Heritage New Initiatives - Implementation (Round 5)	\$ 63,000	\$ 265,000	\$ 63,000	Blue

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
53950	East/West Industries Inc.	Business Expansion	ESD - Empire State Development Grant Funds	\$ 200,000	\$ 2,075,800	\$ -	Green
55529	Family Community Life Center	Sewer Connection Feasibility Study	ESD SPFS - ESD - Strategic Planning and Feasibility Studies	\$ 22,000	\$ 45,000	\$ -	Green
53584	Family Service League	Family Service League Health and Wellness Center	ESD - Empire State Development Grant Funds	\$ 500,000	\$ 4,000,000	\$ -	Green
50566	Fireboat Fire Fighter Museum	Fireboat Fire Fighter Restoration Project	OPRHP HP D - Historic Property Acquisition, Development and Planning	\$ 414,000	\$ 551,750	\$ 296,256	Green
52651	Friends of Connetquot, Inc.	Restoration of the Nicoll Grist Mill	OPRHP HP D - Historic Property Acquisition, Development and Planning	\$ 66,000	\$ 132,000	\$ 52,671	Green
56535	GKN Aerospace Monitor	Manufacturing Expansion	ESD - Empire State Development Grant Funds	\$ 100,000	\$ 1,559,879	\$ -	Black
56536	Haig Press, Inc.	Business Expansion	ESD EJP - Excelsior Jobs Program	\$ 99,000	\$ 60,000	\$ -	Green
52916	Jewelers Machinist	Business Expansion Project	ESD - Empire State Development Grant Funds	\$ 100,000	\$ 1,675,000	\$ -	Green
51094	Leviton Manufacturing Co., Inc.	Project Management Training	DOL EET - Existing Employee Training Program	\$ 100,000	\$ 368,661	\$ 41,600	Green
56037	Long Island GLBT Health and Human Services Network DBA LGBT Network	LGBT Community Center	ESD - Empire State Development Grant Funds	\$ 500,000	\$ 5,000,000	\$ -	Green
55509	Luitpold Pharmaceuticals, Inc.	Process Improvement Training	DOL EET - Existing Employee Training Program	\$ 77,400	\$ 228,188	\$ 77,400	Blue
54485	Lutech Veterinary Industries, Inc.	Quality Management Training	DOL EET - Existing Employee Training Program	\$ 62,400	\$ 185,734	\$ 62,361	Blue
57553	Maloya Laser, Inc.	Quality Management Training	DOL EET - Existing Employee Training Program	\$ 94,000	\$ 522,382	\$ 51,320	Green
55044	Manna Fish Farms, Inc.	Manna Fish Farms	ESD - Empire State Development Grant Funds	\$ 50,000	\$ 250,000	\$ -	Green
55384	Nicolock Paving Stones	Nicolock Paving Expansion Program	ESD - Empire State Development Grant Funds	\$ 200,000	\$ 3,563,000	\$ -	Green
51319	North Harbor Trading	Long Island High Pressure Processing facility for Food Industry	ESD - Empire State Development Grant Funds	\$ 1,250,000	\$ 10,240,000	\$ -	Green
55601	Precision Metals Corp.	Precision Metals Expansion Project	ESD - Empire State Development Grant Funds	\$ 100,000	\$ 730,000	\$ -	Green
55585	Sartorius Stedim North America, Inc.	Lean Manufacturing and Quality Training	DOL EET - Existing Employee Training Program	\$ 68,200	\$ 143,405	\$ 46,200	Green

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
50907	Serota Islip LLC	Islip Pines Infrastructure Project	ESD - Empire State Development Grant Funds	\$ 1,000,000	\$ 12,129,095	\$ -	Yellow
56911	Stony Brook University	Shinnecock Bay Restoration Project	DEC WQIP AHR - Water Quality Improvement Project (WQIP) Program	\$ 505,658	\$ 674,210	\$ -	Green
57606	Stony Brook University	Great South Bay Shellfish Bed Project	DEC WQIP AHR - Water Quality Improvement Project (WQIP) Program	\$ 241,396	\$ 402,328	\$ -	Green
55330	Stony Brook University	Biotechnology Startup Wet Lab Space	ESD - Empire State Development Grant Funds	\$ 500,000	\$ 650,000	\$ -	Green
55327	Stony Brook University	Stony Brook University Additive Manufacturing and Prototyping Center - AMPAC	ESD - Empire State Development Grant Funds	\$ 400,000	\$ 1,600,000	\$ -	Green
55699	Stony Brook University	Stony Brook University Cyclotron and Radiochemistry Laboratory	ESD - Empire State Development Grant Funds	\$ 500,000	\$ 5,000,000	\$ -	Green
55759	Stony Brook University	Stony Brook University Next Generation Drug Discovery	ESD - Empire State Development Grant Funds	\$ 500,000	\$ 3,140,000	\$ -	Green
56627	Suffolk County	Suffolk County Nicolls Multimodal Hiking Biking Detailed Design	ESD - Empire State Development Grant Funds	\$ 1,500,000	\$ 100,000,000	\$ -	Green
54431	Suffolk County	Suffolk County Agricultural Visitor's Campus	ESD - Empire State Development Grant Funds	\$ 350,000	\$ 2,591,250	\$ -	Green
50972	Suffolk County Community College	Campus Green Roofs Initiative	EFC GIGP - Green Innovation Grant Program	\$ 203,708	\$ 226,342	\$ -	Green
56992	Suffolk County Department of Economic Development and Planning	Construction of Decentralized Wastewater Treatment Facility in the Peconic Estuary	DEC WQIP NSAC - Water Quality Improvement Project (WQIP) Program	\$ 1,000,000	\$ 2,000,000	\$ -	Green
57558	Suffolk County Economic Development and Planning	Suffolk County Route 110 Preliminary Engineering and Design	ESD - Empire State Development Grant Funds	\$ 200,000	\$ 1,000,000	\$ -	Green
56147	Suffolk County Workforce Development Board	Health Care Careers Training	DOL UWT - Unemployed Worker Training Program	\$ 100,000	\$ 159,405	\$ 36,855	Green
51678	Telephonics Corporation	Process Improvement Training	DOL EET - Existing Employee Training Program	\$ 98,275	\$ 403,944	\$ -	Black
51131	Town of Babylon Industrial Development Agency	Babylon Brewery Incubator	ESD - Empire State Development Grant Funds	\$ 700,000	\$ 11,955,000	\$ -	Black

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
54124	Town of East Hampton	Town of East Hampton Green Reach Infrastructure Demonstration ("G.R.I.D.") Project at Three Mile Harbor	DEC WQIP NSAC - Water Quality Improvement Project (WQIP) Program	\$ 375,000	\$ 603,900	\$ 93,750	Green
54241	Town of East Hampton	Economic Analysis Strategy Development of the Fisheries Industry	ESD SPFS - ESD - Strategic Planning and Feasibility Studies	\$ 25,000	\$ 140,000	\$ -	Green
57423	Town of Islip	Greens Creek and Brown's River Watershed Management Plan Implementation	DEC WQIP NSAC - Water Quality Improvement Project (WQIP) Program	\$ 200,000	\$ 1,000,000	\$ -	Black
53016	Town of Islip/ Long Island MacArthur Airport	MacArthur Airport Federal Inspection Services Facility Development	ESD - Empire State Development Grant Funds	\$ 3,000,000	\$ 11,000,000	\$ -	Green
54723	Town of Riverhead	Town of Riverhead Cesspool Disconnection	DEC WQIP WTI - Water Quality Improvement Project (WQIP) Program	\$ 580,000	\$ 1,250,000	\$ -	Yellow
54353	Town of Riverhead	Enhanced Shared Water Infrastructure for Suffolk County Water Authority Calverton Enterprise Park Town of Riverhead	ESD - Empire State Development Grant Funds	\$ 125,000	\$ 625,000	\$ -	Green
53491	Town of Smithtown	Regional Stormwater Management Initiative	DEC WQIP NSAC - Water Quality Improvement Project (WQIP) Program	\$ 288,750	\$ 385,000	\$ -	Green
53497	Town of Smithtown	Regional Fuel Facility Consolidation	DOS LGE - Local Government Efficiency Program	\$ 902,363	\$ 1,028,010	\$ -	Green
57077	Town of Southampton	Construction of Permeable Reactive Barrier	DEC WQIP NSAC - Water Quality Improvement Project (WQIP) Program	\$ 650,000	\$ 812,500	\$ 162,500	Green
52610	Town of Southold	Southold Prosperity - A Strategic Plan for Jobs, Housing, Natural Resources Heritage	DOS LWRP - Local Waterfront Revitalization Program	\$ 165,370	\$ 330,741	\$ -	Green
54825	United States Luggage Company, LLC	US Luggage Expansion	ESD - Empire State Development Grant Funds	\$ 100,000	\$ 705,000	\$ -	Black
54006	United Way of Long Island	Clean Energy Training	DOL SPTP - Special Populations Training Program	\$ 100,000	\$ 100,000	\$ 81,437	Blue
55380	Village of Patchogue	Village of Patchogue Cesspool Elimination	DEC WQIP NSAC - Water Quality Improvement Project (WQIP) Program	\$ 1,432,000	\$ 3,309,000	\$ 1,292,590	Green

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
56020	Viva L'Arte	Viva L'Arte Cultural Center	ESD - Empire State Development Grant Funds	\$ 180,000	\$ 900,000	\$ -	Green
48534	Voxx	Business Expansion	ESD - Empire State Development Grant Funds	\$ 500,000	\$ 4,000,000	\$ -	Black
55863	YMCA of Long Island, Inc.	Huntington YMCA Healthy Living Center	ESD - Empire State Development Grant Funds	\$ 500,000	\$ 8,400,000	\$ -	Green
56787	Zeta Machine Corp.	Quality Management Training	DOL EET - Existing Employee Training Program	\$ 38,400	\$ 38,400	\$ 12,000	Green
56426	Farmingdale State College	Farmingdale State College Next Generation Vaccine Development	ESD - Empire State Development Grant Funds	\$ 2,250,000	\$ 38,117,773	\$ -	Green
2016							
67719	Cambridge Business Institute, Inc.	Certified Nurse Assistant Training	DOL SPT - Special Populations Training Program	\$ 60,000	\$ 100,000		Orange
67719	Cambridge Business Institute, Inc.	Certified Nurse Assistant Training	DOL UWT - Unemployed Worker Training Program	\$ 40,000	\$ 100,000		Orange
64709	GKN Aerospace Monitor, Inc.	GKN Machining Training Project 2016	DOL EET - Existing Employee Training Program	\$ 39,400	\$ 4,590,748		Orange
64709	GKN Aerospace Monitor, Inc.	GKN Machining Equipment Acquisition	ESD - Empire State Development Grant Funds	\$ 500,000	\$ 4,500,000	\$ -	Orange
66325	Qosina Corp.	Clean Room Existing Employee Training	DOL EET - Existing Employee Training Program	\$ 86,130	\$ 1,197,317		Green
66325	Qosina Corp.	Qosina Corp. Clean Room Construction	ESD - Empire State Development Grant Funds	\$ 185,000	\$ 955,000	\$ -	Green
65170	VE Power Door Co., Inc.	Enhancing Skills for Advanced Manufacturing	DOL EET - Existing Employee Training Program	\$ 21,685	\$ 599,141		Orange
65170	VE Power Door Co., Inc.	Advanced Manufacturing Equipment Acquisition	ESD - Empire State Development Grant Funds	\$ 50,000	\$ 112,000	\$ -	Green
66590	Adelphi University	Adelphi University Advanced Bio Science Lab	ESD - Empire State Development Grant Funds	\$ 104,000	\$ 520,000	\$ -	Green
64953	City of Long Beach	Downtown Resilient Connectivity for Park Avenue Phase II	DOS LWRP - Local Waterfront Revitalization Program	\$ 775,000	\$ 1,550,000	\$ -	Orange
66747	County of Nassau	Green Pedestrian Connections at the Nassau Hub	ESD - Empire State Development Grant Funds	\$ 1,000,000	\$ 18,400,000	\$ -	Green
65415	Hofstra University	Consumer Behavior Market Research Laboratory	ESD - Empire State Development Grant Funds	\$ 500,000	\$ 2,500,000	\$ -	Green
67707	LGBT Network	Pride on the Beach!	ESD MNY - Market New York	\$ 300,000	\$ 400,000	\$ -	Green

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
65489	Long Island Traditions	Hudson River/ Erie Canal and Long Island Contemporary Maritime Currents	Arts CHPG I - Council on the Arts - Arts, Culture and Heritage New Initiatives - Implementation (Round 6)	\$ 30,000	\$ 85,000	\$ 30,000	Green
67149	Long Island University	LIU Innovation and Entrepreneurship Park	ESD - Empire State Development Grant Funds	\$ 500,000	\$ 4,800,000	\$ -	Green
67220	Nassau County	The Uniondale Bridge Project	ESD SPFS - ESD - Strategic Planning and Feasibility Studies	\$ 40,000	\$ 100,000	\$ -	Green
64763	Nassau County Department of Parks, Recreation and Museums	Incubator Kitchen at Old Bethpage Village Restoration	ESD - Empire State Development Grant Funds	\$ 200,000	\$ 950,000	\$ -	Green
68344	Nassau County Police Department	Nassau County Law Enforcement Records Management System Consolidation and Effi Project	DOS LGE - Local Government Efficiency Program	\$ 399,588	\$ 1,110,260	\$ -	Green
65252	National Audubon Society, Inc.	Theodore Roosevelt Audubon New York Center for Long Island Conservation	ESD MNY - Market New York	\$ 130,000	\$ 650,000	\$ -	Green
68146	New York Institute of Technology	NYIT Business Incubator	ESD BIHSP I - New York State Business Incubator and Innovation Hot Spot Support Program	\$ 125,000	\$ 1,875,000	\$ -	Green
66563	Northwell Health	Center for Advanced Engineering at the Feinstein Institute for Medical Research	ESD - Empire State Development Grant Funds	\$ 500,000	\$ 10,000,000	\$ -	Green
67924	Sands Point Preserve Conservancy	Hempstead House Roof Repair and Restoration	OPRHP HP D - Environmental Protection Fund: Parks, Preservation and Heritage Grants	\$ 245,000	\$ 490,000	\$ -	Orange
66967	South Nassau Communities Hospital	Continuing Education for Existing Employees in Healthcare	DOL EET - Existing Employee Training Program	\$ 60,841	\$ 196,454	\$ -	Orange
65908	Spectronics Corporation	Spectronics Training and Development	DOL EET - Existing Employee Training Program	\$ 29,495	\$ 58,567	\$ -	Orange
67931	Standby Program	Fellowship Workforce Expansion	Arts WIP - Council on the Arts - Workforce Investment (Round 6)	\$ 25,000	\$ 40,000	\$ 25,000	Green
63367	Town of Hempstead Department of Occupational Resources	HempsteadWorks Sector Strategies Project - Signifi Industries	DOL UWT - Unemployed Worker Training Program	\$ 75,245	\$ 155,603	\$ -	Orange
63371	Town of Hempstead Department of Occupational Resources	Hempstead Career Pathways Project	DOL SPT - Special Populations Training Program	\$ 21,182	\$ 49,829	\$ -	Green

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
65942	Town of North Hempstead	North Hempstead Beach Park Promotion Campaign	ESD MNY - Market New York	\$ 82,500	\$ 110,000	\$ -	Green
65981	Town of North Hempstead	Emergency Data and Phone Installation	DOS LGE P - Local Government Efficiency Program	\$ 7,500	\$ 15,000	\$ -	Green
66415	Town of North Hempstead	Hempstead Harbor Wetland Restoration	DEC WQIP AHR - Water Quality Improvement Project (WQIP) Program	\$ 400,000	\$ 800,000	\$ -	Green
66416	Town of North Hempstead	Implementing North Hempstead's Manhasset Baywalk Trail	DOS LWRP - Local Waterfront Revitalization Program	\$ 655,458	\$ 1,310,916	\$ -	Orange
66013	Town of Oyster Bay	Local Waterfront Revitalization Program Update	DOS LWRP - Local Waterfront Revitalization Program	\$ 25,000	\$ 50,000	\$ -	Orange
67396	Village of Freeport	New York State Water Trail and Tourism Summit	DOS LWRP - Local Waterfront Revitalization Program	\$ 25,000	\$ 50,000	\$ -	Orange
66576	Cobham	AeroFl Plainview Existing Employee Training	DOL EET - Existing Employee Training Program	\$ 78,718	\$ 78,718	\$ -	Orange
66572	Long Island Arts Alliance	Long Island Art and Culture Tourism Initiative	ESD MNY - Market New York	\$ 50,000	\$ 250,000	\$ -	Black
64251	Adchem Corporation	Advanced Manufacturing Employee Training	DOL EET - Existing Employee Training Program	\$ 100,000	\$ 208,508	\$ -	Orange
65043	Alken Industries, Inc.	Alken Capital Expenditures	ESD - Empire State Development Grant Funds	\$ 75,000	\$ 493,555	\$ -	Orange
64518	Amneal Pharmaceuticals, LLC	Amneal Pharmaceuticals	DOL EET - Existing Employee Training Program	\$ 51,291	\$ 248,332	\$ -	Orange
66516	Bearings Limited	Bearings Limited 2016 NYS EET Project	DOL EET - Existing Employee Training Program	\$ 46,200	\$ 74,858	\$ -	Green
66565	Blackman Plumbing Supply Co., Inc.	Blackman Plumbing Supply 2016 NYS EET Project	DOL EET - Existing Employee Training Program	\$ 96,800	\$ 207,463	\$ -	Orange
67668	Byrd Hoff Water Mill Foundation	Fellowship Workforce Expansion	Arts WIP - Council on the Arts - Workforce Investment (Round 6)	\$ 48,000	\$ 60,500	\$ 48,000	Yellow
68281	CH Machining, Inc.	AS9100 Conversion Certifi Program	DOL EET - Existing Employee Training Program	\$ 18,200	\$ 28,100	\$ -	Green
65330	Clear Vision Optical Co., Inc.	Customer Culture Training Program	DOL EET - Existing Employee Training Program	\$ 40,500	\$ 113,208	\$ -	Orange
63648	Cliff Wayne Havel	CH Machining Expansion Project	ESD - Empire State Development Grant Funds	\$ 13,000	\$ 57,700	\$ -	Green
68148	Community Development Corporation of Long Island	Wyandanch Rising Building E	ESD - Empire State Development Grant Funds	\$ 500,000	\$ 40,527,464	\$ -	Green

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
65391	CPI Aerostructures, Inc.	Apprentice Program	DOL NHT - New Hire Training Program	\$ 52,480	\$ 266,240	\$ -	Orange
65765	Curtiss Wright	Employee Productivity Development Training Program	DOL EET - Existing Employee Training Program	\$ 43,616	\$ 118,000	\$ -	Green
67322	Custom Computer Specialists, Inc.	Technician Technical Training for Career Advancement	DOL EET - Existing Employee Training Program	\$ 99,788	\$ 165,275	\$ -	Orange
67398	East End Tourism Alliance	Virtual Tours of Long Island's East End	ESD MNY - Market New York	\$ 206,250	\$ 275,000	\$ -	Green
67674	Family Community Life Center, Inc.	Feasibility Study Phase 2	ESD SPFS - ESD - Strategic Planning and Feasibility Studies	\$ 10,000	\$ 100,000	\$ -	Green
65695	Framerica Corporation	Wood working equipment purchase	ESD - Empire State Development Grant Funds	\$ 50,000	\$ 250,000	\$ -	Green
65965	Friends of The Coltrane Home	The Coltrane Home - Restoring the Home of an American Jazz Great	OPRHP HP D - Environmental Protection Fund: Parks, Preservation and Heritage Grants	\$ 172,750	\$ 407,900	\$ -	Orange
67459	Globe Grinding, Inc.	Globe Grinding Expansion	ESD - Empire State Development Grant Funds	\$ 150,000	\$ 1,750,000	\$ -	Orange
65980	Incorporated Village of Port Jeff	Upper Port Jeff Urban Renewal Study	ESD SPFS - ESD - Strategic Planning and Feasibility Studies	\$ 25,000	\$ 50,000	\$ -	Green
67652	Industrial Metals International, Ltd.	Industrial Metals Expansion	ESD - Empire State Development Grant Funds	\$ 25,000	\$ 145,281	\$ -	Green
68189	L. and S. Packing Co., Inc.	LS Packing Expansion	ESD - Empire State Development Grant Funds	\$ 200,000	\$ 1,180,000	\$ -	Orange
64165	Leviton Manufacturing	Existing Employees Business Skills Training Program	DOL EET - Existing Employee Training Program	\$ 73,600	\$ 169,814	\$ -	Green
68280	Long Island Convention and Visitors Bureau and Sports Commission	Cooperative International Marketing Initiative	ESD MNY - Market New York	\$ 150,000	\$ 200,000	\$ -	Green
66562	Long Island LGBT Network	LGBT Community Center Phase 2	ESD - Empire State Development Grant Funds	\$ 250,000	\$ 3,000,000	\$ -	Green
67303	Luitpold Pharmaceuticals	Employee Professional Development Training Program	DOL EET - Existing Employee Training Program	\$ 42,152	\$ 146,412	\$ -	Green
68405	Luminati Aerospace, LLC	Luminati Aerospace	ESD - Empire State Development Grant Funds	\$ 1,000,000	\$ 117,000,000	\$ -	Green
63604	Main Street Theatre Partners, LLC	Babylon Village Theater	ESD - Empire State Development Grant Funds	\$ 150,000	\$ 2,128,790	\$ -	Green
66963	Montauk Inlet Seafood Inc.	Inlet Seafood Ice Project	ESD - Empire State Development Grant Funds	\$ 300,000	\$ 1,500,000	\$ -	Green
66818	North To South Real Estate, LLC	Downtown Riverhead East End Market	ESD - Empire State Development Grant Funds	\$ 200,000	\$ 2,565,750	\$ -	Green

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
64918	Parrish Art Museum	The Parrish as Catalyst for the Cultural Economy	Arts CHPG P - Council on the Arts - Arts, Culture and Heritage New Initiatives - Planning (Round 6)	\$ 49,500	\$ 90,866	\$ 49,500	Green
53403	Patchogue Arts Council, Inc.	Administrative Workforce Expansion	Arts WIP - Council on the Arts - Workforce Investment (Round 6)	\$ 49,500	\$ 66,000	\$ 49,500	Green
65601	Patchogue Business Improvement Management Association	Village of Patchogue NYMS Program	HCR NYMS - HCR - New York Main Street (NYMS)	\$ 250,000	\$ 945,000	\$ -	Green
68499	Piper Plastics Corp.	Advancing Efficiency and Quality for a Biotech Manufacturer	DOL EET - Existing Employee Training Program	\$ 52,540	\$ 134,924	\$ -	Orange
68466	Satur Farms, LLC	Business Machinery Upgrades	ESD - Empire State Development Grant Funds	\$ 75,000	\$ 455,640	\$ -	Green
68606	Sheltair Farmingdale, LLC	Sheltair Farmingdale	ESD - Empire State Development Grant Funds	\$ 200,000	\$ 9,400,000	\$ -	Green
66836	St. Joseph's College	Long Island Hospitality Tourism Management Link to Education	ESD MNY - Market New York	\$ 120,000	\$ 160,000	\$ -	Black
64340	Stony Brook University	Stony Brook University Certifi Business Incubator	ESD BIHSP I - New York State Business Incubator and Innovation Hot Spot Support Program	\$ 125,000	\$ 1,875,000	\$ -	Green
68264	Stony Brook University	Project Management Training for Unemployed Workers	DOL UWT - Unemployed Worker Training Program	\$ 100,000	\$ 100,000	\$ -	Orange
66477	Stony Brook University School of Medicine	School of Medicine Pre-Clinical MRI Equipment	ESD - Empire State Development Grant Funds	\$ 500,000	\$ 4,145,000	\$ -	Green
65110	Suffolk County	Suffolk County Blueway Trail Plan	DOS LWRP - Local Waterfront Revitalization Program	\$ 60,000	\$ 120,000	\$ -	Orange
67489	Suffolk County	Wyandanch Village Recharge Basin Relocation Study	ESD SPFS - ESD - Strategic Planning and Feasibility Studies	\$ 25,000	\$ 50,000	\$ -	Green
68097	Suffolk County	Patchogue Gateway Transportation Center	ESD - Empire State Development Grant Funds	\$ 300,000	\$ 6,500,000	\$ -	Green
64813	Suffolk County Community College	SCCC Advanced Manufacturing Training	DOL UWT - Unemployed Worker Training Program	\$ 81,000	\$ 81,000	\$ -	Green
65700	Suffolk County Community College	Veterans Resource Center	ESD - Empire State Development Grant Funds	\$ 23,000	\$ 371,000	\$ -	Green

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
64350	Suffolk County Department of Economic Development and Planning	Mud Creek Watershed Aquatic Ecosystem Restoration Project	DEC WQIP AHR - Water Quality Improvement Project (WQIP) Program	\$ 2,262,910	\$ 3,828,126	\$ -	Green
63666	Suff County Department of Labor Licensing and Consumer Aff	Project SCHOOL	DOL SPT - Special Populations Training Program	\$ 100,000	\$ 130,142	\$ -	Green
67241	Suffolk County Department of Parks, Recreation and Conservation	Woodhull Dam Fish Passage and Peconic River Connectivity Project Implementation and Monitoring	DEC WQIP AHR - Water Quality Improvement Project (WQIP) Program	\$ 278,964	\$ 371,951	\$ -	Green
68042	Suffolk County Soil and Water Conservation District	Soil Health Guide Development Project	DEC WQIP NPS - Water Quality Improvement Project (WQIP) Program	\$ 16,000	\$ 20,000	\$ 4,000	Green
66099	The Research Foundation for The State University of New York	Stony Brook University eMINDSET-Engineering School Expansion	ESD - Empire State Development Grant Funds	\$ 150,000	\$ 2,090,000	\$ -	Green
68311	Town of Babylon	Wyandanch Train Station	ESD - Empire State Development Grant Funds	\$ 900,000	\$ 4,500,000	\$ -	Green
66830	Town of Brookhaven	North and South Shore Pumpout Stations	DEC WQIP NPS - Water Quality Improvement Project (WQIP) Program	\$ 388,500	\$ 518,500	\$ -	Green
68252	Town of Brookhaven	Swan River Fish Ladder	DEC WQIP AHR - Water Quality Improvement Project (WQIP) Program	\$ 345,000	\$ 460,000	\$ -	Green
68315	Town of Brookhaven	Retrofit Implementation Inventory and Prioritization	DEC WQIP MS4 - Water Quality Improvement Project (WQIP) Program	\$ 187,500	\$ 250,000	\$ -	Green
65979	Town of Huntington	Blueway Natural and Cultural Heritage Self Guided Trail System	DOS LWRP - Local Waterfront Revitalization Program	\$ 76,000	\$ 152,000	\$ -	Orange
63401	Town of Riverhead	EPCAL Athletic Trail	OPRHP PKS D - Environmental Protection Fund: Parks, Preservation and Heritage Grants	\$ 500,000	\$ 1,060,057	\$ -	Orange
65571	Town of Smithtown	Meadow Road Stormwater Management	EFC GIGP - Green Innovation Grant Program	\$ 150,000	\$ 250,000	\$ -	Green
65573	Town of Smithtown	Open Space Acquisition Ryan Property	OPRHP PKS A - Environmental Protection Fund: Parks, Preservation and Heritage Grants	\$ 500,000	\$ 1,000,000	\$ -	Orange

Appendix One

CFA #	Applicant	Project Name	Agency and Program	Award Amount	Total Project Cost	Grant Disbursement to Date	Status
64584	Town of Southampton	Riverside Sewer District Map and Plan	DEC EPG - Engineering Planning Grant Program	\$ 30,000	\$ 37,500	\$ -	Orange
62311	Town of Southold	Bay to Sound Trails Initiative Phase II	DOS LWRP - Local Waterfront Revitalization Program	\$ 245,055	\$ 490,110	\$ -	Orange
65868	US Nonwovens Corp	LEAN Manufacturing	DOL EET - Existing Employee Training Program	\$ 77,000	\$ 124,832	\$ -	Green
65192	Village of Babylon	Historic Argyle Lake Park Shoreline Restoration	OPRHP PKS D - Environmental Protection Fund: Parks, Preservation and Heritage Grants	\$ 365,083	\$ 730,166	\$ -	Orange
66098	Village of Patchogue	Shorefront Park Resiliency and Enhancement Design	DOS LWRP - Local Waterfront Revitalization Program	\$ 202,050	\$ 404,100	\$ -	Orange
63382	Village of Sag Harbor	Local Waterfront Revitalization Program Update	DOS LWRP - Local Waterfront Revitalization Program	\$ 50,000	\$ 100,000	\$ -	Orange
65189	Village of Southampton	Rehabilitation of Historic Nugent Carriage House	OPRHP HP D - Environmental Protection Fund: Parks, Preservation and Heritage Grants	\$ 210,000	\$ 420,000	\$ -	Orange
67850	YMCA of Long Island Inc. Huntington branch	Huntington YMCA Healthy Living Center	ESD - Empire State Development Grant Funds	\$ 400,000	\$ 8,400,000	\$ -	Green



Appendix Two



WORKFORCE
DEVELOPMENT
INSTITUTE

Rosalie Drago, Regional Director for Long Island
315 Main Street, Huntington, New York 11743
516-747-1272 | rdrago@wdiny.org
www.wdiny.org | [@wdiny.org](https://twitter.com/wdiny.org)

FOCUS ON WORKFORCE

Snapshot of Long Island's Workforce & Job Market for the Last 12 Months

August 2016 to July 2017

The Workforce Development Institute of New York (WDI) is pleased to share with its partners the first *Focus on Workforce* report for the Long Island Region. This report's goal is to identify and share a combination of available workforce data and on-the-ground intelligence to foster discussion and align strategies around the region's critical skills gaps.

Highlighting data from the last 12 months for the core focus sectors identified by the **Long Island Regional Economic Development Council's Workforce, Education & Veterans Committee**, this report aims to identify employer needs and the skills we should be cultivating to better prepare and qualify Long Islanders for good, open jobs.

Even with a clear goal and reliable, diverse resources, this report is not a flawless representation of the job market. Online postings routinely omit critical data (pay rates, educational requirements, etc.). Many industries (manufacturing, agriculture, etc.) rely on word-of-mouth referrals for a large portion of their hiring. No single labor market data source can provide a comprehensive picture of the current labor market. This report synthesizes the best available online job market data with WDI's first-person, ground-level workforce intelligence for the purpose of engaging in a common dialogue, furthering inquiry, and implementing collaborative strategic solutions for Long Island.

There are many questions this report's information raises, among them:

What are Long Island employers looking for in job candidates? How does it change from year to year? How can Long Island support job seekers and employers to get the best match?

What gaps exist between what employers want and what the job market looks like to workforce development professionals? What can be done to address these gaps? How will this change in coming years?

We encourage our regional partners and employers to join this workforce dialogue.

Appendix Two

ONE REGION

TWO COUNTIES

NASSAU

All
Industries

Companies

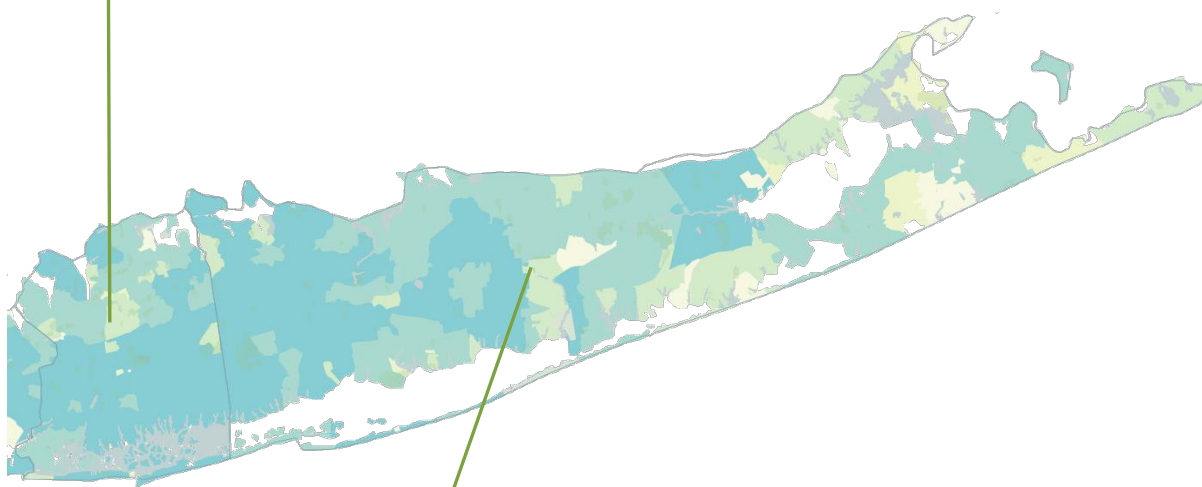
Employees

Job Openings
(Last 12 Months)

286,000+

3,132,000+

71,400+



SUFFOLK

All
Industries

Companies

Employees

Job Openings
(Last 12 Months)

292,000+

3,233,000+

64,000+

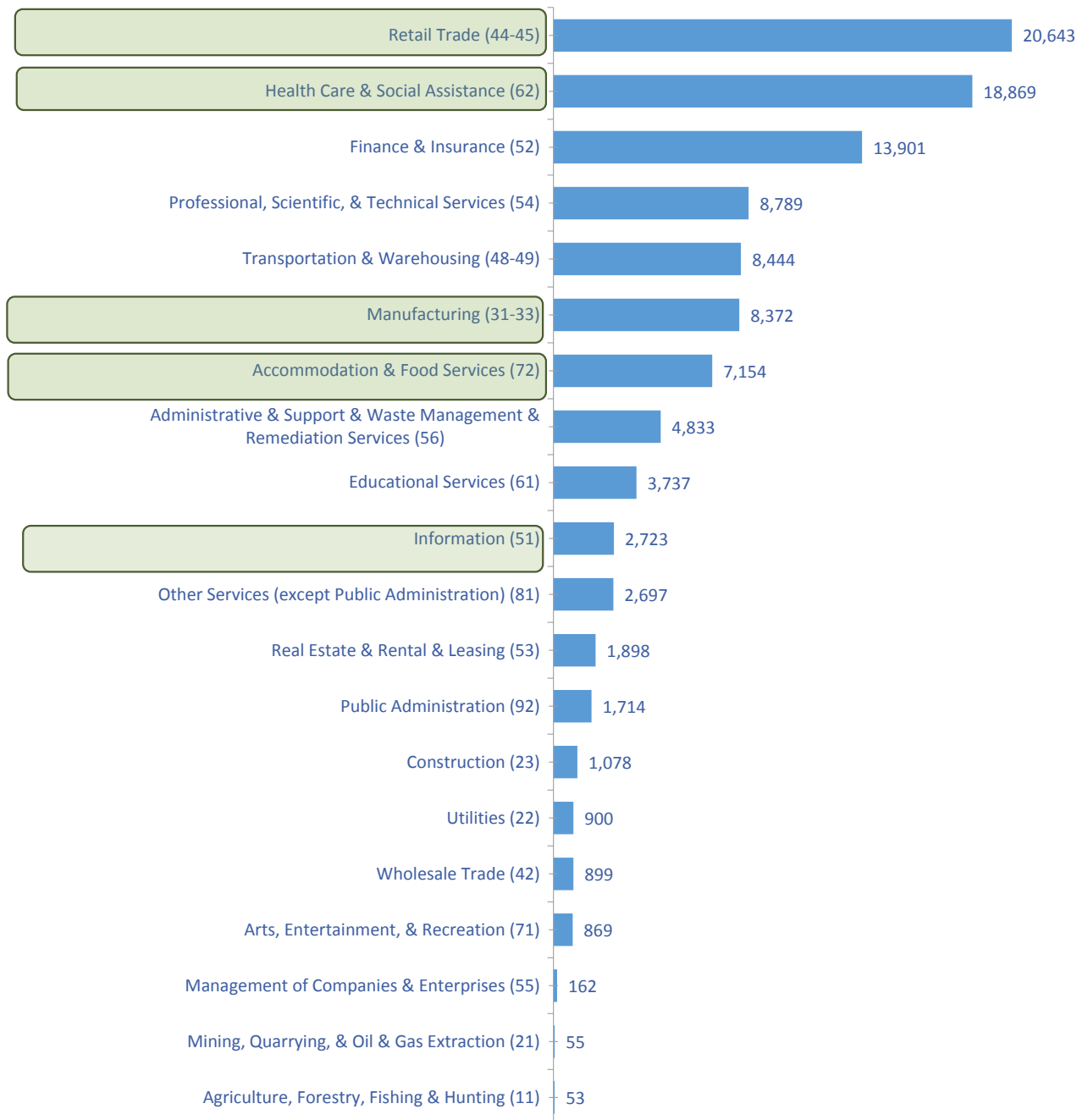
Source: 2014 US Census Data & Labor Insight, Burning Glass

Appendix Two

Job Postings by Industry & NAICS Code: August 2016 to July 2017

Total Postings for Period: 135,775; Industry unspecified/missing for 59,404 postings (~43%)

(5 Key Sectors Identified by the LIREDC are highlighted below)



Source: Labor Insight, Burning Glass

Appendix Two

How to read the industry snapshots in this report:

Sector: Name of Profiled Sector	WDI Regional Industry Workforce Report (Last 12 Months)
	<u>Total job openings (time period):</u> According to Labor Insight, Burning Glass
	<u>North American Industry Classification Standard Code(s) of Profiled Sector (Information Technology uses SOC Codes)</u>
	<u>Sources:</u> Data sources listed here

Skills Gaps and Industry Needs: This section outlines skill gaps and industry needs as they have been identified by the sector employers.

Snapshot of Long Island Manufacturing Job Market

Top 5 In Demand Occupations

Occupation (6 Digit ONet Code)

Top 5 Occupations from this period's job openings are listed here along with the corresponding 6 Digit ONet Code (see onetonline.com for more information)

Top 5 In Demand Job Titles

Job Title

Top 5 Job Titles from this period's job openings are listed with the most common on the top
Source: Burning Glass

Top 5 In Demand Skills Clusters

Skill Cluster

Top 5 Skill Clusters from this period's job openings are listed with the most common on the top
Source: Burning Glass

Top 5 Employers Hiring

Employer Name

Top 5 Employers with job openings from this period are listed with the most common on the top
Source: Burning Glass

Regional Sector Training Provided by Institutions

This section lists training programs offered by Long Island educational institutions aimed at workforce development for each sector. These reflect courses offered and does not, at this time, include a breakdown of the individual skills. In addition, the data is based on feedback provided by the departments and institutions that responded. The committee will work over the next year to obtain data from those that did not respond including institutions as a whole and departments which offer degrees or teach subjects related to employment.

As an example: Several Pharmaceutical Manufacturing positions require chemistry. We know our institutions offer courses and degrees in Chemistry. Academic deans of those departments did not respond and therefore we cannot yet determine a) what subjects are covered b) if the programs correlate to skill s needed for available jobs c) if students in those programs are being made aware of/prepared for jobs where Chemistry is a key component. In other areas, we know that students interested in Chemistry can choose their course of study to focus on academic applications or industry application of Chemistry.

Additional Notes

- **Agriculture & Manufacturing**– While the committee initially chose Agriculture as a separate sector, further research revealed that the most jobs in this sector relate to taking the products grown and manufacturing them. This ranges from artisanal producers for the farm-to-to table movement as well as larger scale wine/beverage manufactures. Thus these are covered in manufacturing and not a stand-alone sector. IT should also be recognized that a large portion of the production-level manufacturing job opportunities are not posted and instead rely on word-of-mouth, lawn signs and walk-ins.
- **Retail & Hospitality** – To more accurately assess open jobs in hospitality, this has been broken down into retail, accommodation and food service as the jobs are most commonly posted in these “baskets.”
- **Information Technology** – Technology related jobs exist across all sectors and thus are difficult to extract is a stand-alone group. For the sake of this report, the group looked at Information Technology.

Appendix Two

Sector: RETAIL

WDI Regional Industry Workforce Report (Last 12 Months)

Total job openings (August 2016 to July 2017): 20,643

Defined as NAICS Code(s): 44

Sources: Labor Insight, Burning Glass; US Bureau of Labor Statistics; WDI Regional Workforce Intelligence

Local **RETAIL** employers cited the following skills areas where candidates are lacking training and experience:

- Applied business Math & Finance
- Point of Sale Software
- Database user interface and query research (Gift Registry Software, Microsoft Access, Data Entry software)
- Customer Service, Active listening
- Critical Thinking and Problem Solving
- Management of Personnel and Resources

Snapshot of Long Island Retail Job Market

Top 5 In Demand Occupations

Retail Salesperson (41-2031)
1st-line Supervisors of Retail Sales Workers (41-1011)
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products (41-4012)
Cashiers (41-2011)
Stock Clerks & Order Fillers (43-5081)

Top 5 In Demand Job Titles

Sales Associate
Cashier
Store Associate
Pharmacy Technician
Assistant Store Manager

Top 5 In Demand Skills Clusters

Basic Customer Service
General Sales
Retail Sales
Merchandising
Business Management

Top 5 Employers Hiring

Macy's
CVS Caremark
Home Depot, Inc.
Sears
Lowe's Companies

Regional Sector Related Training/Education

Excludes 20,151 job postings due to incomplete salary and/or education data.

	Courses and Program Links
BOCES - Nassau	Retail Skills, Culinary Arts https://www.nassauboces.org/Page/4479 https://www.nassauboces.org/Page/4506
Community College - Nassau	Dietary Management Certificate, Customer Service Food and Nutrition (A.S.) Food Service Administration, Restaurant Management (A.A.S.) Food Service Technology Certificate Hotel Technology Administration (A.A.S.) http://collegecatalog.ncc.edu/current/programs/hospitality_business/index.html
Community College - Suffolk	Culinary Arts, Hotel Operations http://department.sunysuffolk.edu/CulinaryArts_E/index.asp
Private College/University - St. Josephs	Hospitality & Tourism Management, Leisure Services http://www.sjcny.edu/long-island/academics/programs-departments/hospitality-and-tourism-management http://www.sjcny.edu/long-island/academics/programs-departments/recreation-and-leisure-studies

Appendix Two

DI Regional Industry Workforce Report (Last 12 Months)

Sector: HEALTHCARE

Total job openings (August 2016 to July 2017): 18,869

Defined as NAICS Code(s): 62

Sources: Labor Insight, Burning Glass; US Bureau of Labor Statistics; WDI
Regional Workforce Intelligence

Local **HEALTHCARE** employers cited the following skills areas where candidates are lacking training and experience:

- Use of healthcare related technology/software
- Personal/Customer Service and Active Listening
- Reading and Written Comprehension
- Documentation/Recording Information

In addition to the occupations listed below, employers site a broad range of Front Desk roles and technicians (e.g. EKG, Telemetry, Blood Bank, Sterile Processing and PCT,s) as well as Coders and Billers.

Snapshot of Long Island Healthcare Job Market

Top 5 In Demand Occupations

Registered Nurses (29-1141)
Nurse Practitioners (29-1171)
Medical & Health Services Managers (11-9111)
Physician Assistants (29-1071)
Licensed Practical & Licensed Vocational Nurses (29-2061)

Top 5 In Demand Job Titles

Registered Nurse
Physician's Assistant
Physical Therapist
Nurse Practitioner
Licensed Practical Nurse

Top 5 In Demand Skills Clusters

Basic Patient Care
Medical Support
General Medicine
Emergency & Intensive Care
Advanced Patient Care

Top 5 Employers Hiring

Northwell Health
South Nassau Communities Hospital
Sunrise Senior Living, Inc.
Brookhaven Memorial Hospital
Bayada Home Health Care

Regional Sector Related Training/Education

Excludes 18,075 job postings due to incomplete salary and/or education data.

	High School	Cert/Short Term Immersion	AS	BA	Masters +	Corp/Custo m Training	Courses and Program Links
BOCES - Nassau	✓	✓	N/A	N/A	N/A	✓	Dental Assisting, Health Skills, Medical Assisting , Nurse Assisting, Personal Trainer and Exercise Medicine, Physical Therapy Aide, Rehabilitation Mehttps://www.nassauboces.org/Page/7650dicine
BOCES - Eastern Suffolk	✓	✓	N/A	N/A	N/A	✓	Clinical Medical Assisting, Nursing Assisting, Practical Nursing, Pharmacy Technician, Dental Chairside Assistinghttps://www.academyli.org/page/571 https://www.academyli.org/page/607 https://www.academyli.org/page/616 https://www.academyli.org/page/610 https://www.academyli.org/page/583

Appendix Two

	High School	Cert/Short Term Immersion	AS	BA	Masters +	Corp/ Custom Training	Courses and Program Links
Community College - Nassau	N/A	✓	✓	N/A	N/A	✓	Nursing (A.A.S.), Health Information Technology (Cert and A.A.S) Medical Laboratory Technician (A.A.S.) Physical Therapist Assistant (A.A.S.) Radiologic Technology (A.A.S.) Radiologic Tech: Radiation Therapy Tech. (A.A.S.) Respiratory Care (A.A.S.) Surgical Technology (A.A.S.), Clinical Rotations (A.A.S.), Sonography (A.A.S.), Ophthalmology Technician (A.A.S.), Pharmacy Technician (A.A.S.), Clinical Care Coordinators (A.A.S.) https://www.ncc.edu/continuingeducation/workforcedevelopment/pds/CWDCourseListing.pdf http://collegecatalog.ncc.edu/current/programs/nursing/index.html
Community College - Suffolk	N/A	✓	✓	N/A	N/A	✓	Emergency medical, Practical Nursing, Physical Therapy, Dietetic Technology, Health Information Technology, Chemical Dependency Counseling, Occupational Therapy http://department.sunysuffolk.edu/EmergencyMedicalTechnician(EMT)_A/index.aspx http://depthome.sunysuffolk.edu/West/HWPE/http://department.sunysuffolk.edu/DieteticTechnician_E/index.aspx http://department.sunysuffolk.edu/PhysicalTherapistAssistantProgram_A/index.asp
State College/ University - Farmingdale	N/A	✓	✓	✓	N/A	✓	Nursing, Medical Laboratory Technology, Dental Hygiene, Health Sciences http://www.farmingdale.edu/health-sciences/nursing/index.shtml http://www.farmingdale.edu/health-sciences/medical-laboratory-technology/index.shtml http://www.farmingdale.edu/health-sciences/index.shtml
State College/ University - Stony Brook	N/A		N/A	✓	✓		Health Care Management, Health Care Informatics, Emergency Critical Care https://healthtechnology.stonybrookmedicine.edu/programs/hs/curriculum/nonclinical/health-care-management Anesthesia Technology, Medical Dosimetry, Healthcare Quality, Nuclear Medicine, Radiologic Technology https://healthtechnology.stonybrookmedicine.edu/programs/hs/curriculum/clinical Nursing https://nursing.stonybrookmedicine.edu/
Private College/ University - St. Josephs	N/A	✓	N/A	✓	✓	✓	4 Year RN and blended RN/BSN http://www.sjcnyc.edu/long-island/academics/programs-departments/nursing

Appendix Two

DI Regional Industry Workforce Report (Last 12 Months)

Sector:

MANUFACTURING

Total job openings (August 2016 to July 2017): 8,372

Defined as NAICS Code(s): 31-33

Sources: Labor Insight, Burning Glass; US Bureau of Labor Statistics; WDI Regional Workforce Intelligence

Local **MANUFACTURING** employers cited the following skills areas where candidates are lacking training and experience:

- Skills that fall within the STEM fields (Scientists, Chemists, Information Technology, Engineers) for Industrial application
- Mechanical & Advanced Electrical Skills (General Mechanics, Programmable Logic Controls) for application in set up, maintenance and building of manufacturing production line machinery.
- Need candidates to have experience with manufacturing software such as ERP Systems, Oracle and Salesforce.com
- Reading/Written Comprehension as well as Documentation/Recording Information

Employers also agree that at lack of understanding about/awareness of careers in manufacturing are a key factor in

Snapshot of Long Island Manufacturing Job Market

Top 5 In Demand Occupations

Sales Representatives, Wholesale and Manufacturing, Except Technical & Scientific Products (41-4012)
Laborers & Freight, Stock & Material Movers, Hand (53-7062)
Computer Occupations, All Other (15-1199)
Managers, All Others (11-9199)
Software Developers, Applications (15-1132)

Top 5 In Demand Job Titles

Forklift Operator (n/a)
Sales Associate
Quality Assurance Manager
Mechanical Engineer
Software Development Engineer

Top 5 In Demand Skills Clusters

MS Office & Productivity Tools
Basic Customer Service
General Sales
Manufacturing Processes
Scheduling

Top 5 Employers Hiring

Canon Business Solutions
Estee Lauder Co.
NBTY Inc.
BAE Systems
Henry Schein

Regional Sector Related Training/Education

Excludes 7,708 job postings due to incomplete salary and/or education data.

	High School	Cert/Short Term Immersion	AS	BA	Masters +	Corp/ Custom Training	Courses and Program Links
BOCES - Nassau	✓	✓	N/A	N/A	N/A	✓	https://www.nassauboces.org/manufacturing
BOCES - Eastern Suffolk	✓	✓	N/A	N/A	N/A	✓	Regional STEM High School, Aerospace Engineering, Computer Integrated Manufacturing, Digital Electronics/Programmable Logic, Engineering https://www.esboces.org/cms/lib/NY01914091/Centricity/Domain/225/STEM%20High%20School%20Brochure.pdf
BOCES – Western Suffolk	✓	✓	N/A	N/A	N/A	✓	Electronics and Robotics Basic Skills http://www.wilsontech.org/high-school-students/electronic-manufacturing/

Appendix Two

	High School	Cert/Short Term Immersion	AS	BA	Masters +	Corp/ Custom Training	Courses and Program Links
Community College - Nassau	N/A	X	✓	N/A	N/A	✓	*Engineering Associates degrees. Not geared specifically for manufacturing. Workforce Development/Corporate Training offers OSHA, ESL and Engineering Prep (intro) http://collegecatalog.ncc.edu/current/programs/engineering_physics_technologies/engineering_science_as.html https://www.ncc.edu/continuingeducation/workforcedevelopment/pds/Fall16Course%20Offerings.pdf
Community College - Suffolk	N/A	✓	✓	N/A	N/A	✓	Manufacturing Readiness/Intro to Manufacturing, Welding, CNC Operator, G-Code (Mill, Lathe , CNC), Mastercam, Soldering, IPC, Machining, Autocad, PLC (Programmable Logic), Manufacturing Technology A.A.S., https://www3.sunysuffolk.edu/Curricula/MFTY-AAS.asp http://department.sunysuffolk.edu/corporatetrainingcenter/8309.asp
State College/University - Farmingdale	✓		N/A	✓	X	✓	Four year mechanical engineering, Manufacturing Engineering and Numeric Control, PTECH and Corporate Education http://www.farmingdale.edu/academics/curriculum/bs-manufacturing-engineering-technology.shtml https://www.li-ptech.org/
State College/University - Stony Brook	N/A	X	N/A	✓	✓	✓	Mechanical Engineering, Engineering Chemistry, Corporate Training, Manufacturing Enterprise Partner, http://www.stonybrook.edu/ceas/ http://www.stonybrook.edu/commcms/cce/ http://me.eng.sunysb.edu/
Private College/University - Hofstra	N/A	X	N/A	✓	X	X	Engineering, Mechatronics, Robotics and Advanced Manufacturing, Mechanical Engineering, Engineering Co-Op Program http://www.hofstra.edu/academics/colleges/seas/engineering/engineering-facilities.html http://www.hofstra.edu/academics/colleges/seas/co-op/index.html http://www.hofstra.edu/academics/colleges/seas/engineering/engineering-career-mechanical.html

Appendix Two

Sector: HOSPITALITY – ACCOMMODATION

WDI Regional Industry Workforce Report (Last 12 Months)

Total job openings (August 2016 to July 2017): 961

Defined as NAICS Code(s): 721

Sources: Labor Insight, Burning Glass; US Bureau of Labor Statistics; WDI Regional Workforce Intelligence

Local **ACCOMMODATION** employers cited the following skills areas where candidates are lacking training and experience:

- Applied business Math & Finance
- Point of Sale Software
- Database user interface and query research (Gift Registry Software, Microsoft Access, Data Entry software)
- Customer Service, Active listening
- Critical Thinking and Problem Solving
- Management of Personnel and Resources

Snapshot of Long Island Hospitality/Accommodation Job Market

Top 5 In Demand Occupations

Hotel, Motel, and Resort Desk Clerks (43-4081)
Maids and Housekeeping Cleaners (37-2012)
Waiters and Waitresses (35-3031)
Lodging Managers (11-9081)
Concierges (39-6012)

Top 5 In Demand Job Titles

Concierge
Night Auditor
Front Desk Agent
Housekeeper
Guest Services Representative

Top 5 In Demand Skills Clusters

Basic Customer Service
People Management
Scheduling
Budget Management
MS Office & Productivity Tools

Top 5 Employers Hiring

Marriott International
Interstate Hotels & Resorts
Garden City Hotel
Hampton Inn
Hyatt

Regional Sector Related Training/Education

Excludes 918 job postings due to incomplete salary. Excludes 616 job postings due to incomplete education data.

	Courses and Program Links
Community College - Nassau	Hotel Technology Administration (A.A.S.) http://collegecatalog.ncc.edu/current/programs/hospitality_business/index.html
Community College - Suffolk	Culinary Arts, Hotel Operations http://department.sunysuffolk.edu/CulinaryArts_E/index.asp
Private College/University - St. Josephs	Hospitality & Tourism Management, Leisure Services http://www.sjcny.edu/long-island/academics/programs-departments/hospitality-and-tourism-management http://www.sjcny.edu/long-island/academics/programs-departments/recreation-and-leisure-studies

Appendix Two

Sector: HOSPITALITY- FOOD SERVICE

Total job openings (August 2016 to July 2017): 5,772

Defined as NAICS Code(s): 722

Sources: Labor Insight, Burning Glass; US Bureau of Labor Statistics; WDI
Regional Workforce Intelligence

Local **FOOD SERVICE** employers cited the following skills areas where candidates are lacking training and experience:

- Applied business Math & Finance
- Point of Sale Software
- Database user interface and query research (Gift Registry Software, Microsoft Access, Data Entry software)
- Customer Service, Active listening
- Critical Thinking and Problem Solving
- Management of Personnel and Resources

Snapshot of Long Island Hospitality/Food Service Job Market

Top 5 In Demand Occupations

Combined Food Preparation and Serving Workers, Including Fast Food (35-3021)

1st-Line Supervisors of Food Preparation and Serving Workers (35-1012)

Food Service Managers (11-9051)

Cooks, Restaurant (35-2014)

Waiters & Waitresses (35-3031)

Top 5 In Demand Job Titles

Barista

Restaurant Crew

Cook

Food Service Worker

Restaurant Manager

Top 5 In Demand Skills Clusters

Basic Customer Service

Food & Beverage Service

Cash Register Operation

Business Management

People Management

Top 5 Employers Hiring

Boston Market

Starbucks Coffee Co.

Chipotle Mexican Grill

McDonald's

Panera Bread

Regional Sector Related Training/Education

Excludes 5,713 job postings due to incomplete salary and/or education data.

	Courses and Program Links
BOCES - Nassau	Retail Skills, Culinary Arts https://www.nassauboces.org/Page/4479 https://www.nassauboces.org/Page/4506
Community College - Nassau	Dietary Management Certificate, Customer Service Food and Nutrition (A.S.) Food Service Administration, Restaurant Management (A.A.S.) Food Service Technology Certificate http://collegecatalog.ncc.edu/current/programs/hospitality_business/index.html
Community College - Suffolk	Culinary Arts, Hotel Operations http://department.sunysuffolk.edu/CulinaryArts_E/index.asp

Appendix Two

WDI Regional Industry Workforce Report (Last 12 Months)

Sector: INFORMATION TECHNOLOGY

Total job openings (August 2016 to July 2017): 9,732
Defined as SOC Code(s): 15-11xx (see bls.gov/soc/2010/soc_alpha.htm for complete listing)
Sources: Labor Insight, Burning Glass; US Bureau of Labor Statistics; WDI Regional Workforce Intelligence

Local **INFORMATION TECHNOLOGY** employers cited the following skills areas where candidates are lacking training and experience:

- Modern Javascript & Javascript Frameworks (Backbone, Angular, SaSS nad LeSS, Facebook REACT, Alazon Web services and Microsoft Azur, Microsoft .NET, C# & SQL Server
- Focus on design and implementation of products and procedure that automate and control the software development life-cycle. Continuous integrations hat improve quality and efficiency.
- Critical thinking, Problem Solving, Communication, Customer Service, Risk Assessment

Long Island employers in this sector also reported a need for Development Ops (a relatively new skill area). Industry states it is not seeing Long Island candidates that meet skill requirements. It is unclear whether local candidates that possess the skills are not looking for jobs locally or if we are not cultivating talent to meet demand.

Snapshot of Long Island Information Technology Job Market

Top 5 In Demand Occupations

Computer Occupations, All Other (15-1199)
Software Developers, Applications (15-1132)
Computer User Support Specialists (15-1151)
Web Developers (15-1134)
Computer Systems Analysts (15-1121)

Top 5 In Demand Job Titles

Software Development Engineer
Systems Engineer
Data Analyst
Programmer/Analyst
Software Developer

Top 5 In Demand Skills Clusters

Software Development Principles
Structured Query Language
System Design & Implementation
Operating Systems
MS Office & Productivity Tools

Top 5 Employers Hiring

Allscripts
New York Community Bank
Anthem Blue Cross
Broadridge Financial Solutions
Altice USA

Regional Sector Related Training/Education

Excludes 9,332 job postings due to incomplete salary and/or education data.

	High School	Cert/Short Term Immersion	AS	BA	Masters +	Corp/ Custom Training	Courses and Program Links
BOCES - Nassau	✓	✓	N/A	N/A	N/A	✓	Computer Technology & Repair https://www.nassauboces.org/Page/4493
BOCES - Eastern Suffolk	✓	✓	N/A	N/A	N/A		Computer Technology & Repair https://www.academyli.org/page/574
Community College - Nassau	N/A	N/A	✓	N/A	N/A		Information Technology, Computer Science, Computer Info Systems, A.A.S. http://collegecatalog.ncc.edu/current/programs/mathematics_computer_science_information_technology/information_technology_aas.html
Community College - Suffolk	N/A	✓	✓	N/A	N/A	✓	Information Technology, A. A. S. https://www3.sunysuffolk.edu/Curricula/ITND-AAS.asp

Appendix Two

	High School	Cert/Short Term Immersion	AS	BA	Masters +	Corp/ Custom Training	Courses and Program Links
State College/University - Farmingdale	N/A	N/A	N/A	✓	NA	NA	http://www.farmingdale.edu/academics/curriculum/bs-security-systems.shtml
State College/University - Stony Brook	N/A	N/A	N/A	✓	✓		Information Systems https://www.cs.stonybrook.edu/students/Undergraduate-Studies/ISEprogram
Private College/University - Hofstra	N/A	N/A	N/A	✓	✓		http://www.hofstra.edu/academics/colleges/seas/computer-science/index.html
Private College/University - St. Josephs	N/A	✓	N/A	✓	✓	✓	Computer Information, Technology Forensic Computing

About the Workforce Development Institute of New York

The Workforce Development Institute (WDI) is a statewide non-profit that works to grow and keep good jobs in NYS. We use a range of tools — including ground level information, workforce expertise, and funding — to facilitate projects that build skills and strengthen employers' ability to hire and promote workers. Our work often fills gaps not covered by other organizations and is accomplished through partnerships and collaborations with businesses, unions, other non-profits, educational institutions, and government.

To learn more about WDI and programs we implement to support the workforce of Long Island's manufacturers, contact Rosalie Drago at 516-747-1272 or rdrago@wdiny.org.

Visit WDI's online home at www.wdiny.org or on Twitter @wdiny.



APPENDIX THREE

Public Meetings

<u>Date</u>	<u>Event</u>	<u>Venue</u>	<u>Town</u>	<u>Attendees</u>
CFA WORKSHOP				
5/16/2017	CFA Workshop	Hofstra University	Hempstead	108
6/9/2017	CFA Workshop	Stony Brook University	Stony Brook	102
ESD CFA INFO SESSION				
5/21/2017	ESD CFA Info Sessions	ESD LIRO	Hauppauge	15
6/14/2017	ESD CFA Info Sessions	ESD LIRO	Hauppauge	4
7/12/2017	ESD CFA Info Sessions	ESD LIRO	Hauppauge	8
WORKGROUP MEETINGS				
4/21/2017	Opportunity Agenda	ESD LIRO	Hauppauge	20
4/27/2017	Workforce, Education and Veterans	ESD LIRO	Hauppauge	50
5/4/2017	Natural Assets and Tourism	ESD LIRO	Hauppauge	17
5/5/2017	Infrastructure	ESD LRO	Hauppauge	33
5/11/2017	Writer's Meeting	ESD LIRO	Hauppauge	10
5/18/2017	Opportunity Agenda	ESD LIRO	Hauppauge	35
5/26/2017	Workforce, Education and Veterans	Federation of Labor Offices	Hauppauge	50
6/1/2017	Innovation, Industry Cluster and Global NY	ESD LIRO	Hauppauge	30
6/14/2017	Workforce, Education and Veterans	Federation of Labor Offices	Hauppauge	28
6/16/2017	Opportunity Agenda	ESD LIRO	Hauppauge	20
6/16/2017	Infrastructure	ESD LIRO	Hauppauge	30
6/29/2017	Natural Assets and Tourism	ESD LIRO	Hauppauge	22
7/12/2017	Workforce, Education and Veterans	Federation of Labor Offices	Hauppauge	40
OTHER				
1/5/2017	Economic Outlook Breakfast Meeting	Crest Hollow County Club	Jericho	150
1/17/2017	Long Island Business Expo	Long Island Association	Melville	100
1/25/2017	Discover Long Island Meeting	Long Island Convention Bureau	Hauppauge	50
2/21/2017	Long Island Business Expo	Long Island Association	Melville	100
4/6/2017	LIREDC Meeting	Long Island Association	Melville	150
5/17/2017	Empire State Poverty Reduction Initiative Meeting	Hispanic Counseling Center	Hempstead	50
5/17/2017	Long Island Wine Council Workforce Development Tour	East End Wineries	Suffolk County	20
5/22/2017	Suffolk County Downtown Revitalization Citizen's Meeting	Suffolk County	Hauppauge	30
5/25/2017	Downtown Revitalization Initiative Informational Session	ESD LIRO	Hauppauge	30
6/5/2017	LIREDC Meeting	Farmingdale State College	Farmingdale	150
6/21/2017	Long Island Association Canadian Export Event	Long Island Association	Melville	100
7/6/2017	Wyandanch Workforce Development Meeting	Wyandanch Rising Site	Wyandanch	10
7/20/2017	NYS Sustainable Seafood Roundtable	Stony Brook University	Stony Brook	20
8/17/2017	MWBE Disparity Study Meeting	Suffolk County Community College	Brentwood	100
9/29/2017	Restore NY Info Session	Hofstra University	Hempstead	25
5/2017 - 7/2017	DRI, Restore NY, CFA info	Email/calls		2,000
1/2017 - 7/2017	Social Media Outreach to General Public	Facebook, Twitter	Online	2,000
Public Outreach Total				5,707



NEW YORK

STATE OF
OPPORTUNITY

