NEW YORK CITY'S

TRANSFORMATION TO A GREEN ECONOMY

New York City is poised to build upon its substantial sustainability efforts and inherent strengths to become a leader in the green economy.

Through innovative environmental and infrastructure policies like PlaNYC, the City is already driving demand for green products and services. As a result, many New Yorkers are helping the City achieve its aggressive sustainability goals. By integrating green skills, practices, and products into all elements of our economy, we will strengthen our transformation to a green economy, helping to achieve the vision of the Bloomberg Administration's Five Borough Economic Opportunity Plan.

Through the 30 initiatives contained in this plan the City will drive demand, create jobs, and ensure that our workforce has the skills, training, and information they need to succeed in the green economy—doubling the city's green workforce in the next 10 years and building a more sustainable city.

Growing New York City's green economy will also bring about tremendous environmental benefits and generate new infrastructure and investments throughout the city. It will help us reduce our greenhouse gas emissions; clean up our brownfields; plant trees and create new green spaces; reduce our energy consumption; and produce cleaner energy. It will make a greener, greater New York.

The City of New York
Mayor Michael R. Bloomberg

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TRANSFORMATION TO A GREEN ECONOMY

The City will implement 30 initiatives in five areas to become a leader in the green economy.

1 Green Buildings

The city boasts the nation's largest building stock (more than 5 billion square feet), with owners, managers, and tenants who appreciate the value of energy-efficient buildings. The City is driving demand for green services through innovative policies including Local Law 86, Executive Order 109 and the Greener, Greater Buildings Plan, which will update the City's building and energy codes to increase energy efficiency.

2 On-Site Renewable Energy

The city has one of the nation's largest energy markets, with electricity, heating, and hot water accounting for $15 billion in energy costs per year; and an abundant renewable energy potential, especially in solar and wind. The City has already taken a number of steps to encourage the development of on-site renewables. Last year, the City released a Request for Expressions of Interest (RFEI) for innovative ideas to develop sources of renewable energy in the city. The City also enacted a solar property tax abatement to reduce the upfront costs associated with PV installations.

3 Carbon Trading and Finance

As a global financial center and home of the Regional Greenhouse Gas Initiative, the city has the expertise and infrastructure to support the carbon trading market.

4 Greener Neighborhoods

New zoning and building regulations, which are making greenery a standard part of the urban landscape, and an increase in brownfield remediation are greening our communities and future developments.

5 Creating a Supportive Environment for the Green Economy

The City will support existing and emerging green sectors by providing valuable information, promoting opportunities, and growing green skills training programs.

This plan will double the number of green jobs in the city in 10 years.

INITIATIVE	CITY LEAD	DRIVE DEMAND	CREATE JOBS	DEVELOP SKILLS	PROVIDE ACCESS
Green Buildings					
1 Work with the Urban Green Council to evaluate building and energy code changes	Mayor's Office, City Council	●			●
2 Develop an urban technology innovation center on green buildings	EDC		●		●
3 Collaborate with real estate and labor groups to ensure adequate workforce for building improvements	Mayor's Office			●	
4 Develop green construction training for trades with Urban Green Council	CUNY			●	
5 Promote and provide green skills training for licensed home improvement contractors	DCA, CUNY			●	●
6 Promote and provide code training for design professionals	Mayor's Office, DOB			●	●
7 Increase green training opportunities for City employees	DCAS			●	
On-Site Renewable Energy					
8 Promote new solar energy tax abatement	EDC, DOB	●			●
9 Work with Con Edison to streamline application process for solar PV	EDC, CUNY				●
10 Launch a solar thermal grant pilot program for businesses and institutions	EDC	●			
11 Establish Solar Zones to encourage and facilitate solar PV installations	EDC, CUNY	●	●		●
12 Build innovative solar project at the Brooklyn Army Terminal	EDC	●	●		
13 Launch the Buildings Sustainability Board to address green technologies not covered by the codes	DOB	●			●
14 Ensure that NYC receives its fair share of ratepayer-funded renewable portfolio standard (RPS) program funds	Mayor's Office	●	●		
15 Develop permitting process for building-sited wind projects	DOB	●			
16 Partner with industry on building-sited wind demonstration projects	EDC	●			●
17 Support expansion of tidal power project in the East River	Mayor's Office	●	●		
Carbon Trading and Finance					
18 Ensure City and State laws are ready for national cap-and-trade legislation	Mayor's Office	●			●
19 Drive NYC leadership in carbon reporting standards	Mayor's Office	●			●
20 Host public-private dialogue series on carbon trading and finance	EDC				●
21 Launch GreenJumpStartNYC to prepare the professional workforce for carbon trading and finance	EDC			●	
Greener Neighborhoods					
22 Expand MillionTreesNYC urban landscaping and forestry training program	DPR			●	
23 Expand and establish new Parks Opportunity Programs (POP) in horticulture and weatherization with focus on disengaged youth	DPR, HRA			●	
24 Create Green Knowledge Centers to provide ongoing green collar training	DOE			●	●
25 Work with NYC Brownfield Partnership to create and expand workforce training programs	Mayor's Office			●	●
26 Establish a training program for bulk storage of petroleum at City-owned facilities	Mayor's Office			●	
Creating a Supportive Environment for the Green Economy					
27 Create a comprehensive information source on incentives and funding for green businesses	EDC	●			●
28 Incorporate green skills training in existing workforce development programs	SBS, WIB			●	
29 Improve data and information on the green economy to better support the public workforce system	CUNY, WIB	●			●
30 Promote NYC's economic opportunity to targeted national and international cleantech companies	EDC		●		

CUNY CITY UNIVERSITY OF NEW YORK
DOB NYC DEPARTMENT OF BUILDINGS
DCA NYC DEPARTMENT OF CONSUMER AFFAIRS
DCAS NYC DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES
DOE NYC DEPARTMENT OF EDUCATION
DPR NYC DEPARTMENT OF PARKS & RECREATION
EDC NYC ECONOMIC DEVELOPMENT CORPORATION
HRA NYC HUMAN RESOURCES ADMINISTRATION
SBS NYC DEPARTMENT OF SMALL BUSINESS SERVICES
WIB WORKFORCE INVESTMENT BOARD

The Transformation to a Green Economy Plan includes 30 initiatives to encourage and support the growth of green businesses and jobs.

The City's efforts will support new and existing green businesses, which provide goods or services that substantially minimize or correct damage to the environment significantly more than conventional alternatives. This will create green jobs that produce goods or services that have a net positive impact on the environment. The plan will:

DRIVE DEMAND

Increase demand for green products and services in New York City with incentives and innovative policy.

CREATE JOBS

Foster enterprise growth and job creation through targeted green economic development.

DEVELOP SKILLS

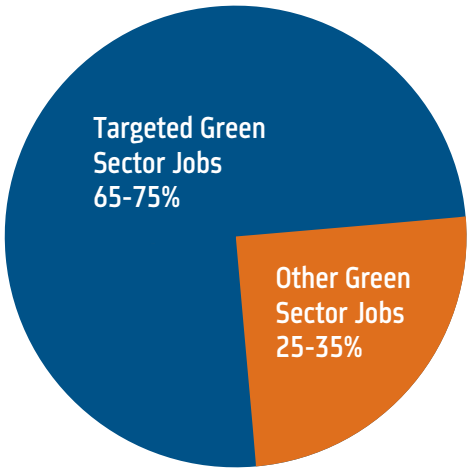
Ensure that New Yorkers have the skills necessary to prosper in the green economy.

PROVIDE ACCESS

Provide the education, information, and coordination needed by workers and businesses to facilitate growth in the green economy.

Over two-thirds of green sector jobs in New York City in the next ten years are projected to be in four of the areas targeted by this plan.

New York City's goal is to double the number of green sector jobs by 2018. We will increase the green workforce from approximately 13,800 to 27,600.



Targeted Green Sectors

Green Buildings
On-Site Renewable Energy
Carbon Trading and Finance
Greener Neighborhoods

Other Green Sectors

Urban Agriculture
Environmental Law
Sanitation and Recycling
Green Manufacturing

To learn more visit:

www.nyc.gov/planyc2030
www.nycedc.com/green