



## CLEAN TECHNOLOGY in Philadelphia

### Philadelphia's Commitment to Sustainability Drives Clean Technology

#### SMART LOCATION

- The Brookings Institute ranked the Philadelphia region as the 5th largest Clean Economy of the Nation's 100 largest Metros
- Philadelphia benefits from Pennsylvania's Keystone Opportunity Zone and Keystone Innovation Zones, offering tech companies significant of local and state tax benefits

#### SMART PEOPLE

- Philadelphia Water Department launched "Green City, Clean Water," a 25-year, \$2 billion capital investment in innovative stormwater management
- Drexel University College of Engineering installed smart grid technology on campus with locally-based Viridity Energy
- Temple University, Water and Environmental Technology Center researching water quality and emerging contaminants
- Pennsylvania State University, awarded \$10.5 million to support sustainability efforts and a graduate engineering program at The Navy Yard

#### SMART COMPANY

- BlackGold Biofuels  
*Wastewater to Biofuel Conversion*
- Kuusakoski Recycling  
*Electronics Recycling Facility*
- MPC (Material Processing Corporation)  
*Electronics Recycling Company*
- Mark Group  
*UK-based Weatherization Company*
- OxiCool Inc.  
*Zero Emissions Cooling Technology*
- PaceControls - *Energy Efficient HVACR*



Philadelphia's Clean Technology sector is supported by a network of private and public resources that attracts growing companies. Organizations such as the University City Science Center and Ben Franklin Technology Partners of Southeastern Pennsylvania assists early-stage companies with funding, product development, and networking. The Philadelphia Alliance for Capital and Technologies connect emerging growth companies, investors, advisors, and technology-focused corporations.

Key to Philadelphia's clean tech sector is The Navy Yard, an innovative mixed-use campus on the Delaware River Waterfront and home to a broad range of clean energy companies. The Energy Efficient Buildings Hub, a consortium of universities, government and industry partners, received \$129 million from the Department of Energy for energy retrofits, technology research and workforce development activities. This effort created The Clean Energy Innovation Hub, attracting companies such as the Mark Group, a UK weatherization company, and PaceControls, a manufacturer of cutting-edge HVACR systems.

*"The Navy Yard Clean Energy Campus provides an unparalleled opportunity for Mark Group to collaborate with other clean tech companies and accelerate the growth of our energy efficiency business."*  
- Jeff Bartos, CEO, Mark Group

Learn more about how Philadelphia is a smart city and a smart choice for your company at [www.phila.gov/smartchoice](http://www.phila.gov/smartchoice).

# SMART ENTREPRENEURS CHOOSE PHILADELPHIA

## Tax Changes, Tax Credits and Financing Available

### TAX CHANGES

- Commercial Activity License fee eliminated starting in 2014
- Phased in exemption of the first \$100,000 in gross receipts and a proportionate share of net income from the Business Income and Receipts Tax (BIRT) starting in 2014 at \$50,000 and fully implemented by 2016.
- Exemption of general partners of investment funds from paying the Business Income and Receipts Tax, removing a barrier to firms locating in Philadelphia.
- In a phased process, the Net Income portion of the BIRT moves to single sales factor apportionment starting in 2013, taxing only

Philadelphia-based sales, lowering the tax burden on businesses across sectors including manufacturing, wholesaling and professional services.

- **Jump Start Philly**

Jump Start Philly is designed to give full exemption from the City's Business Income and Receipts Tax for the first two years of operations if a minimum number of new jobs are created. All fees are waived for qualifying new businesses for a variety of licenses and registrations, including the Commercial Activity License. For more information visit [www.phila.gov/business](http://www.phila.gov/business).

### TAX CREDITS

- **Sustainable Business Tax Credit**

Businesses that are Certified B Corporations can receive a Sustainable Business Tax Credit. For tax years 2012 through 2017, an eligible business shall receive a tax credit of \$4,000 which may only be used against the tax based upon annual receipts. No more than 25 businesses will be certified as a Sustainable Business in one tax year. For more information please visit [www.phila.gov/revenue](http://www.phila.gov/revenue).

- **Keystone Innovative Zone Tax (KIZ) Credit**

Philadelphia has three KIZ zones: The Navy Yard, the area North of Girard Avenue and in University City and parts of Center City. A KIZ company may claim a tax credit equal to 50% of the increase of the company's gross revenues in the immediately preceding first and

second taxable years attributable to activities in the KIZ, not to exceed \$100,000.

This program allows companies to sell the tax credit which provides a tradable component crucial to young companies that do not yet have a tax liability. For more information please visit [www.uckiz.com](http://www.uckiz.com).

- **Job Creation Tax Credit (JCTC)**

The City of Philadelphia offers a Job Creation Tax Credit which may be applied against the Business Income and Receipts Tax. Under the program, eligible businesses may claim a credit of an amount equal to \$5,000 or 2% of the annual wages paid, whichever is higher, for each qualified new full-time job created in the City of Philadelphia. Learn more at [www.phila.gov/revenue](http://www.phila.gov/revenue)

### FINANCING

- **BioAdvance**

BioAdvance provides funding to startup life sciences companies in southeastern PA through its \$20 million Greenhouse Fund. They invest in therapeutics, devices, diagnostics and platform technologies focused on human health. For more information please visit [www.bioadvance.com](http://www.bioadvance.com).

- **Ben Franklin Technology Partners**

Ben Franklin provides entrepreneurs and established businesses with the capital, knowledge and networks to compete in the global marketplace. For more information please visit [www.sep.benfranklin.org](http://www.sep.benfranklin.org).

- **Philadelphia Industrial Development Corporation (PIDC) Growth Loan Program**

The PIDC Growth Loan Program is generally available to any industrial or commercial enterprise with at least a three-year financial history, located, or planning to locate, in Philadelphia. The program is intended to finance job-creating activities and fund capital investment projects. For more information please visit [www.pidc-pa.org](http://www.pidc-pa.org).

- **Emerging Business Guarantee Program**

The Emerging Business Guarantee Program is available to any small business or nonprofit with at least a two-year financial history, located, or planning to locate, in Philadelphia that is having difficulty accessing conventional financing. Funds will be eligible for a broad range of activities including lines of credit for working capital and term loans for machinery and equipment, renovations, new construction, and property acquisition. For more information please visit [www.pidc-pa.org](http://www.pidc-pa.org).

- **Startup PHL Seed Fund**

PIDC has partnered with First Round Capital, one of the most active investment firms in the country, to create a \$6 million public/private venture fund. First Round Capital manages the fund to make early-stage investments in Philadelphia-based tech startups. Learn more [www.startupphl.com](http://www.startupphl.com)

*"...we're doubling-down on Philadelphia. Not because it is the path of least resistance, but because it is the right path. We believe that Philadelphia is the best possible home for our startup."*

— Robert Moore, RJMetrics