



VISION

01

ACCESSIBLE FOOD AND DRINKING WATER

All Philadelphians have access to healthy, affordable, and sustainable food and drinking water

Greenworks is the city’s sustainability plan to improve quality of life for all Philadelphians. The City of Philadelphia committed to department actions that advance Greenworks across each of the plan’s eight visions. Read on to learn more about progress on each initiative.

2017 HIGHLIGHTS: The Philadelphia Department of Public Health, Procurement Department, and Office of Sustainability received grant funds from the Centers for Disease Control to hire two staff focused on using City dollars to influence the food system - a Good Food Procurement Coordinator and a Healthy Food Procurement Coordinator. The Food Policy Advisory Council in partnership with Philadelphia Parks & Recreation hired local facilitators to gather community input on the scope of a citywide urban agriculture strategic plan.

Office of Sustainability

Initiative	Commitment	2017 Progress
Philadelphia Food Policy Advisory Council (FPAC)	Continue convening and staffing FPAC, a group that advises the administration on hunger, health, food procurement, urban agriculture, workforce and economic development, and food waste diversion.	FPAC released an annual report in August and voted to approve its 2018 Food Policy Platform in December.
Philly Food Finder	Publish and translate printable guides and continue updating www.PhillyFoodFinder.org .	FPAC staff continued to verify submissions to add new sites to www.phillyfoodfinder.org and updated all of the resources.
Shared food metrics	Coordinate FPAC, funders, non-profits, and academics to establish a set of shared metrics to assess progress of food system work in Philadelphia.	FPAC hosted meetings on shared food system metrics at one executive session and six subcommittee meetings.

Cross-Departmental Initiatives

Initiative	Commitment	2017 Progress
Brownfield assessments for urban agriculture	Implement U.S. EPA grant to conduct environmental assessments of vacant lots suitable for urban agriculture and green stormwater infrastructure.	The City conducted eight Phase I environmental site assessments.
Interdepartmental food procurement meetings	Continue convening and coordinating departments that purchase food.	The City is implementing a 5-year Sodium Reduction in Communities Program grant from the Centers for Disease Control (CDC) which is funding the Healthy Food Procurement Coordinator and Good Food Purchasing Coordinator positions. These staff positions are responsible for coordinating departments that purchase food to move their food purchases towards healthier and more sustainable options.

Greenworks Initiatives Update



Cross-Departmental Initiatives *continued*

Initiative	Commitment	2017 Progress
Interdepartmental Urban Agriculture Task Force	Coordinate departments who influence food growing in Philadelphia.	An interdepartmental working group is developing a Request for Proposals to create a citywide urban agriculture strategic plan. The plan will guide the City on how to improve support and resources for the maintenance and expansion of urban agriculture projects and provide recommendations on how to best coordinate and strengthen urban agriculture in Philadelphia.
Public drinking water access	Convene stakeholders across City government and other large institutions to develop strategies to promote tap water access.	Philadelphia Parks & Recreation (PPR) is installing an additional 12 hydration stations in recreation centers in 2018, and drinking water access will be standard for renovation projects.
Public water fountain program	Continue exploring new opportunities to install public drinking water fountains across the city.	The Philadelphia Water Department (PWD) has created a standard operating procedure for the maintenance of the public fountains along Kelly Drive.

Department of Planning and Development

Initiative	Commitment	2017 Progress
Strategic planning	Include open space and urban agriculture in planning for housing, and take advantage of the Land Bank as a tool to preserve local food production.	The Land Bank's strategic plan prioritization framework includes urban agriculture, walkability, and food access.

Mayor's Office of Community Empowerment and Opportunity

Initiative	Commitment	2017 Progress
Food Access Collaborative	Continue to coordinate government and non-profit work to improve Philadelphia's emergency food network.	The Food Access Collaborative hired a new program manager starting in January 2018.
Food Policy Fellowship	Engage undergraduate and graduate students to learn about and contribute to the City of Philadelphia's work combating hunger.	Ongoing initiative.

Greenworks Initiatives Update



Philadelphia Department of Public Health

Initiative	Commitment	2017 Progress
Get Healthy Philly	Continue researching where healthy food is available in the city and regularly updating the Walkable Access to Healthy Food in Philadelphia report.	Through Get Healthy Philly, the Philadelphia Department of Public Health tracks and promotes farmers markets across Philadelphia and partners with The Food Trust to support the Philly Food Bucks program, which increases the affordability of fresh, healthy food at farmers markets for SNAP recipients. The program also provides training, support, and resources for initiatives serving healthy food to Philadelphia youth.
Good Food, Healthy Hospitals	Work with local hospitals to align food served with standards for nutrition and sustainability.	Ongoing initiative.

Philadelphia Parks & Recreation

Initiative	Commitment	2017 Progress
FarmPhilly	Continue creating and maintaining urban agriculture projects on Parks & Recreation land and using the gardens to educate Philadelphians about the food system.	Ongoing initiative.
Meal program waste diversion	Expand waste diversion pilot for summer meals program to additional summer and afterschool meal sites.	In 2017 PPR worked with MEANS and Food Connect to donate more than 5,300 pounds of food and beverages to organizations supporting food-insecure Philadelphians. PPR will expand this program to all districts in 2018.

Philadelphia Water Department

Initiative	Commitment	2017 Progress
Lead programs	Continue education and zero-interest loans to promote healthy drinking water in Philadelphia homes.	PWD replaced 300 lead lines in 2017 and created new lead education resources, including a lead section of the PWD website and a series of public town halls.

Procurement Department

Initiative	Commitment	2017 Progress
City of Philadelphia food procurement	Integrate food into sustainable procurement strategies, including increasing purchase of healthy, fair, sustainably sourced food from locally owned businesses.	The City received a grant from the CDC to hire a full-time good food procurement specialist to lead this effort.



VISION

02

HEALTHY OUTDOOR AND INDOOR AIR

All Philadelphians breathe healthy air inside and outside

Greenworks is the city’s sustainability plan to improve quality of life for all Philadelphians. The City of Philadelphia committed to department actions that advance Greenworks across each of the plan’s eight visions. Read on to learn more about progress on each initiative.

2017 HIGHLIGHTS: The Philadelphia Department of Public Health with the Children’s Hospital of Philadelphia and St. Christopher’s Hospital for Children are piloting whole-home health interventions that include assessing and improving indoor air quality. The Office of Sustainability and Office of Fleet Management received funding from the PA Department of Environmental Protection to support the development of a Green Fleets Plan in 2018.

Cross-Departmental Initiative

Initiative	Commitment	2017 Progress
Construction and demolition	Reduce air pollution emissions from vehicles used in construction and demolition funded by the City of Philadelphia.	Ongoing initiative.
Green ports	Update and implement the Green Ports Initiative to reduce emissions from cranes, diesel vehicles, and other sources.	Ongoing initiative.
Reduce idling	Train and educate City employees on anti-idling policies to reduce air pollution.	The City is educating new employees on anti-idling policies during orientation. GPS has been deployed across the Licenses + Inspections fleet and in 335 sanitation vehicles. PPR is educating employees in anti-idling policies and will explore using GPS technology in its vehicle fleet to reduce idling. New sanitation vehicles also have idle timers.
NEW INITIATIVE: Volkswagen settlement funding application	Coordinate application from the City of Philadelphia to ensure it maximizes opportunity to benefit from funding through the Volkswagen diesel settlement.	The City of Philadelphia submitted comments to the PA Department of Environmental Protection in support of an equitable distribution of funding from the Volkswagen settlement.

Air Management Services

Initiative	Commitment	2017 Progress
Air monitoring survey	Assess localized street-level air pollution in targeted areas and identify potential solutions where pollution is high.	Air Management Services (AMS) will be installing 20 street-level monitoring stations to be rotated across 50 locations in 2018. The stations will monitor ozone, NOX, SO2, and PM2.5, among other pollutants.

Greenworks Initiatives Update



Air Management Services *continued*

Initiative	Commitment	2017 Progress
Air quality working group	Work with City departments, non-profits, academics, and community partners to address air quality concerns.	AMS will work with relevant departments to address issues identified by the street-level monitoring infrastructure and continue to collaborate on existing air quality programs.
Emissions inventory	Complete and publish an air pollution emissions inventory and create policies and programs to reduce emissions.	An emissions inventory was completed and submitted to EPA in 2017.

Department of Planning and Development

Initiative	Commitment	2017 Progress
Air quality and development	Consider air quality impacts of development projects.	Ongoing initiative.
District plans	Continue to integrate air quality considerations into the implementation of the Philadelphia2035 district plans.	Ongoing initiative.
Home repair programs	Educate local home repair programs about how their work influences air quality.	Ongoing initiative.
Sustainable development standard	Encourage the use of Enterprise Green Communities as a standard for new housing development while preserving affordability for Philadelphia residents.	The Philadelphia Redevelopment Authority uses Enterprise Green Communities as standard for new development.

Department of Public Property

Initiative	Commitment	2017 Progress
Green cleaning	Explore costs and effectiveness of non-toxic cleaning products and use where feasible.	The Department of Public Property is including language requiring non-toxic cleaning products in requests for proposal for cleaning services.

Greenworks Initiatives Update



Office of Fleet Management

Initiative	Commitment	2017 Progress
Alternative fuel vehicle study	Determine the best approach to increase the number of alternative fuel vehicles in the City fleet.	The City received funding from the PA Department of Environmental Protection to support the development of a Green Fleets Plan in 2018.
Cleaner fuel	Increase percentage of biodiesel in fuel used by City vehicles.	The City will revisit the costs of increasing biodiesel fuel use in 2018.

Office of Transportation and Infrastructure Systems

Initiative	Commitment	2017 Progress
Traffic interventions	Work with Air Management Services to identify high pollution areas and deploy traffic interventions to improve air quality.	Ongoing initiative.

Philadelphia Department of Public Health

Initiative	Commitment	2017 Progress
Targeted asthma interventions	Improve indoor air quality in areas with high asthma rates by encouraging tobacco-free policies, educating residents and businesses about integrated pest management, and reducing other asthma triggers.	The Philadelphia Department of Public Health is working with CHOP and St. Christopher's hospitals on pilot programs for whole-home health interventions, and looking for opportunities to further scale this work.

Philadelphia International Airport

Initiative	Commitment	2017 Progress
Airport construction	Monitor air emissions related to airport construction activities on an annual basis.	Ongoing initiative.
Emission Reduction Program	Work with airport stakeholders and tenants to develop programs that help reduce regional air emissions.	Ongoing initiative.

Philadelphia Parks & Recreation

Initiative	Commitment	2017 Progress
Smoke-free parks	Promote smoke-free parks policy through signage, social media, and partnerships with neighborhood and park groups.	Ongoing initiative.



VISION

03

CLEAN AND EFFICIENT ENERGY

All Philadelphians efficiently use clean energy that they can afford

Greenworks is the city’s sustainability plan to improve quality of life for all Philadelphians. The City of Philadelphia committed to department actions that advance Greenworks across each of the plan’s eight visions. Read on to learn more about progress on each initiative.

2017 HIGHLIGHTS: In 2017 the Office of Sustainability published the *Municipal Energy Master Plan* and a draft of *Powering Our Future: A Clean Energy Vision* for Philadelphia, which together outline opportunities for the City of Philadelphia to meet the challenge of climate change while improving equity and health for all Philadelphians. The Philadelphia Energy Authority’s Solarize Philly campaign helped make going solar affordable for hundreds of Philadelphia residents.

Office of Sustainability - Energy Office

Initiative	Commitment	2017 Progress
City solar opportunities	Analyze the potential to expand solar energy at City-owned facilities.	The Office of Sustainability (OOS) is collaborating with the Office of Innovation and Technology to conduct a geospatial analysis of solar potential on City-owned facilities.
Energy efficiency in City-owned buildings	Work with City operating agencies to understand energy costs and pilot incentive programs to reduce usage.	In September 2017 OOS released the <i>Municipal Energy Master Plan</i> , which outlines opportunities to further cut energy waste in City-owned buildings.
Energy master plan	Complete analysis of the social, economic, and environmental benefits of municipal government energy decisions and citywide energy policies.	OOS released the <i>Municipal Energy Master Plan</i> and <i>Clean Energy Vision</i> reports in fall 2017.
Large energy efficiency projects in City facilities	Implement energy efficiency measures in the Philadelphia Museum of Art, the City of Philadelphia’s largest energy user, and the Fire Administration Building, one of the least efficient City-owned facilities.	The Energy Office is entering into a performance contract to retrofit the Philadelphia Museum of Art. It is also replacing heating, cooling, lighting, and building control systems in the Fire Administration Building.
LED street lighting citywide	Determine options for citywide deployment of LED street lighting.	The Energy Office is assessing LED street lighting opportunities as part of the Smart Cities PHL initiative.
Multifamily outreach program	Use energy benchmarking data to educate owners and tenants in underperforming large residential buildings about low-cost energy efficiency opportunities.	OOS will deliver tailored report cards to multifamily building owners based on their benchmarking data in 2018.

Greenworks Initiatives Update



Office of Sustainability - Energy Office *continued*

Initiative	Commitment	2017 Progress
Philadelphia Energy Campaign	Work with the Philadelphia Energy Authority (PEA) to meet the Energy Campaign's goal of energy efficiency and clean energy investment in low-income housing, small businesses, and the School District of Philadelphia.	OOS and PEA continue to collaborate on major initiatives, including solar permitting and training, energy retrofits at the School District of Philadelphia, and long-term energy performance contracts for City-owned buildings.
NEW INITIATIVE: <i>Municipal Energy Master Plan</i> implementation	Begin completing early implementation opportunities identified in Philadelphia's <i>Municipal Energy Master Plan</i> .	The Energy Office is currently reviewing proposals to enter into a Power Purchase Agreement for renewable energy on the PJM electricity grid.
NEW INITIATIVE: Promote solar energy citywide	Identify opportunities to reduce barriers to solar implementation for residents and businesses.	The Energy Office is coordinating with Licenses + Inspections and the Philadelphia Fire Department to improve solar permitting processes and address safety training. OOS supports and promotes PEA's Solarize Philly campaign.

Cross-Departmental Initiative

Initiative	Commitment	2017 Progress
Rebuilding Community Infrastructure (Rebuild)	Ensure Rebuild investments in recreation centers and libraries incorporate energy conservation measures.	In 2017 the Energy Office developed guidance on how to standardize building systems, design, and technology as part of the Rebuild initiative.

Department of Planning and Development

Initiative	Commitment	2017 Progress
Energy-efficient housing strategy	Recognize energy efficiency as a tool to increase housing affordability.	Philadelphia's Department of Housing and Community Development continues to fund the Energy Coordinating Agency to help weatherize homes citywide.

Greenworks Initiatives Update



Licenses + Inspections

Initiative	Commitment	2017 Progress
Building code adoption and enforcement	Evaluate opportunity to update building energy codes.	The Pennsylvania Legislature passed a bill in 2017 granting the City of Philadelphia a one-time opportunity to adopt the 2018 code standards for commercial construction.

Philadelphia International Airport

Initiative	Commitment	2017 Progress
Energy plan	Develop and implement an energy plan for the Philadelphia International Airport.	Ongoing initiative.

Philadelphia Parks & Recreation

Initiative	Commitment	2017 Progress
NEW INITIATIVE: Field lighting energy consumption	Philadelphia Parks & Recreation will provide training to all staff throughout the year on field lighting energy conservation.	Ongoing initiative.

Philadelphia Water Department

Initiative	Commitment	2017 Progress
Energy program	Continue to reduce energy use and carbon pollution by improving energy efficiency, using renewable energy, and using former waste streams as resources.	Ongoing initiative.



VISION

04

CLIMATE PREPARED AND CARBON NEUTRAL COMMUNITIES

All Philadelphians are prepared for climate change and reduce carbon pollution

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2017 HIGHLIGHTS: In response to the decision by the Trump Administration to withdraw from the Paris Climate Agreement, Mayor Kenney re-affirmed our commitment to meeting the goals of the Agreement and signed the Mayors for Clean Energy pledge to transition Philadelphia to 100% clean energy. To help Philadelphians already experiencing the impacts of climate change, the Office of Sustainability received funding to launch a Greenworks Equity Index project focused on extreme heat in 2018.

Office of Sustainability - Energy Office

Initiative	Commitment	2017 Progress
Community climate planning	Seek partnership and funding opportunities to begin community-led climate adaptation planning.	The Office of Sustainability (OOS) received funding in late 2017 to implement the first Greenworks Equity Index project, which identifies communities not currently benefiting from sustainability and improves outcomes in those areas.
Municipal greenhouse gas reduction target	Set a municipal greenhouse gas emissions reduction goal to contribute to the Mayor’s commitment to reduce greenhouse gas emissions 80% by 2050.	Philadelphia committed to meeting the emissions reductions goals of the Paris Climate Agreement in June 2017, and to reducing municipal emissions 50% by 2030 as part of the <i>Municipal Energy Master Plan</i> .
Office of Sustainability capital funding	Invest capital funding in projects that increase the City’s ability to operate in hotter, wetter weather.	OOS will conduct resilience audits of several City-owned facilities vulnerable to climate impacts.

Cross-Departmental Initiative

Initiative	Commitment	2017 Progress
Capital planning and budgeting	Consider information about climate change when planning investments in assets that will last for more than five years.	Ongoing initiative.
<i>Growing Stronger</i> implementation	Begin completing early implementation opportunities identified in <i>Growing Stronger</i> , Philadelphia’s first climate adaptation report.	PPR is completing an inventory of dead and dying trees citywide, a key <i>Growing Stronger</i> recommendation.

Greenworks Initiatives Update



Cross-Departmental Initiative *continued*

Initiative	Commitment	2017 Progress
Interagency Flood Risk Management Task Force	Continue developing and implementing an improved strategy for flood management and mitigation planning.	The City began public outreach in impacted neighborhoods through the Task Force and hired a full-time Floodplain Manager in January 2018.
Rebuild	Ensure that Rebuild investments in recreation centers and libraries help Philadelphia prepare for hotter, wetter weather.	Ongoing initiative.
White roof education	Educate builders and homeowners about Philadelphia's law requiring white roofs and how they lower indoor and outdoor temperatures.	White roof education is one potential tool available to neighborhoods participating in the Greenworks Equity Index.
Cooling plan	Make sure facilities can provide cooling for residents during heat waves.	The City of Philadelphia extends operating hours in many air-conditioned City-owned buildings as well as pools and spray grounds during heat waves.
NEW INITIATIVE: Historic preservation	Recognize the connection between preservation and climate action, ensuring Philadelphia can retain its historic character as the climate changes.	The Office of Sustainability is holding training for the Historic Commission in 2018 to educate members about the projected impacts of climate change on Philadelphia.

Office of Fleet Management

Initiative	Commitment	2017 Progress
Reduce emissions from sanitation vehicles	Identify short- and long-term opportunities to transition the City of Philadelphia's vehicle fleet to meet Philadelphia's air quality and carbon pollution reduction goals.	The City of Philadelphia is using Congestion Mitigation and Air Quality Improvement Program funds to purchase compressed natural-gas waste haulers, and is working with the PA Department of Environmental Protection to help develop a long-term clean fleet strategy for the municipal vehicle fleet.

Philadelphia Department of Public Health

Initiative	Commitment	2017 Progress
Climate change and health assessment	Continue convening the Climate Change and Health Advisory Group and begin a citywide climate change and health assessment.	Ongoing initiative.

Greenworks Initiatives Update



Philadelphia Department of Public Health *continued*

Initiative	Commitment	2017 Progress
NEW INITIATIVE: Point-source pollution risk assessment	Educate Philadelphians about major sources of air pollution in the city.	Ongoing initiative.

Philadelphia Parks & Recreation

Initiative	Commitment	2017 Progress
Adaptive natural resources management	Continue to research appropriate tree species and pilot forest management approaches for hotter, wetter weather.	Ongoing initiative.

Philadelphia Water Department

Initiative	Commitment	2017 Progress
Climate change adaptation program	Continue adaptation program focusing on risk assessment, adaptation strategy development, and modeling of climate change impacts on operations.	Philadelphia Water Department (PWD) completed analyses to make local precipitation projections and sea level rise projections actionable in the context of PWD planning, design, and engineering applications. This science is being used to complete a series of risk assessment projects and initiate the development of adaptation strategies.
<i>Green City, Clean Waters</i>	Continue investment in green infrastructure to manage stormwater, which also increases Philadelphia's resiliency to climate change and reduces carbon pollution.	Ongoing initiative.



VISION

05

QUALITY NATURAL RESOURCES

Philadelphians benefit from parks, trees, stormwater management, and healthy waterways

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2017 HIGHLIGHTS: The Philadelphia Water Department installed its 1,000th acre of green stormwater infrastructure which together keep nearly 28 million gallons of polluted runoff out of our rivers during just one inch of rain. Philadelphia Parks & Recreation and the Office of Sustainability began regularly convening organizations working on trees to coordinate and plan how we can work together toward shared goals for the urban forest.

Office of Sustainability - Energy Office

Initiative	Commitment	2017 Progress
Reducing urban heat	Explore improving the quality and quantity of natural resources as an opportunity for residents to reduce their exposure to heat.	The Office of Sustainability received funding in late 2017 to implement the first Greenworks Equity Index project, which identifies communities not currently benefiting from sustainability and improves outcomes in those areas.

Cross-Departmental Initiative

Initiative	Commitment	2017 Progress
Clean Water Act task force	Establish task force to identify opportunities and barriers to implementing the City’s Clean Water Act permits (CSO and MS4), including a focus on green stormwater infrastructure and bringing City facilities into compliance with pollution prevention measures.	Ongoing initiative.
Coordinated tree plantings	Work with Parks & Recreation, the Philadelphia Water Department, Streets Department, and other partners to include tree planting as part of routine work.	Ongoing initiative.
Rebuilding Community Infrastructure (Rebuild)	Ensure Rebuild investments improve the sustainability of recreation centers and libraries and optimize stormwater management opportunities.	Ongoing initiative.
NEW INITIATIVE: Tree group organizing	Continue to convene people working on urban trees in Philadelphia to coordinate and set common goals.	The City will coordinate stakeholders to begin a planning process for the future of Philadelphia’s urban forest.

Greenworks Initiatives Update



Department of Planning and Development

Initiative	Commitment	2017 Progress
District plans	Continue to incorporate opportunities to protect or create open space and other green infrastructure into Philadelphia2035 district plans.	Ongoing initiative.

Philadelphia Department of Public Health

Initiative	Commitment	2017 Progress
Get Healthy Philly	Promote use of public spaces as part of the Get Healthy Philly program to improve public health for all Philadelphians.	Continue to grow the Philly Powered campaign, which identifies and promotes free and low-cost physical activities in Philadelphia, highlighting opportunities at public facilities.
NEW INITIATIVE: Walkable neighborhoods	Work with community groups to encourage walking and gather information about walkability in Philadelphia's neighborhoods and parks.	Ongoing initiative.

Philadelphia Parks & Recreation

Initiative	Commitment	2017 Progress
Facility and landscape standards	Set minimum quality standards for all parks and recreation centers and work to make sure every facility meets those standards.	Philadelphia Parks & Recreation (PPR) will issue an Operations Manual with a focus on sustainable land care. Operations staff will be tasked with meeting the facility and landscape standards as described in the manual.
Green infrastructure opportunities	Coordinate with the Philadelphia Water Department to use Parks & Recreation land to manage stormwater and incorporate green infrastructure into renovation projects.	Ongoing initiative.
Rebuild	Ensure Rebuild investments improve the sustainability of recreation centers and libraries and optimize stormwater management opportunities.	Ongoing initiative.
Street tree inventory	Expand street tree inventory to include information on tree health, size, and species.	PPR's new asset management system, Cityworks, will help manage citywide tree inventory.

Greenworks Initiatives Update



Philadelphia Parks & Recreation *continued*

Initiative	Commitment	2017 Progress
NEW INITIATIVE: Park tree inventory	Engage residents to help inventory trees in neighborhood parks.	Ongoing initiative.
NEW INITIATIVE: Urban wood utilization	Divert wood from Philadelphia's waste stream.	PPR is harvesting downed trees that would previously have been waste to create resources for the park system and local non-profits.

Philadelphia Water Department

Initiative	Commitment	2017 Progress
<i>Green City, Clean Waters</i>	Increase the number of green stormwater infrastructure projects on publicly owned lands and in the public right-of-way to meet federal regulatory obligations.	The number of greened acres (acres with green stormwater infrastructure installed) exceeded 1,000 in 2017.
Green schoolyards	Continue to work with the School District of Philadelphia on greening schoolyards.	Ongoing initiative.
Spur private market	Enhance stormwater incentives to drive private market adoption of green infrastructure.	The Philadelphia Water Department (PWD) has used more than \$15 million in private incentives to drive private market adoption of GSI through the SMIP and GARP programs.
Stream restoration	Continue restoration of Philadelphia's historic streams to improve surface water quality.	Ongoing initiative.

Streets Department

Initiative	Commitment	2017 Progress
Green Streets	Continue coordinating with PWD and PPR on stormwater management and tree planting opportunities during street construction.	Ongoing initiative.



VISION
06

ACCESSIBLE, AFFORDABLE, AND SAFE TRANSPORTATION

All Philadelphians have access to safe, affordable, and low-carbon transportation

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2017 HIGHLIGHTS: The Office of Complete Streets issued Philadelphia’s first-ever *Vision Zero Action Plan*, a three-year program to improve traffic safety and save lives. The Office of Transportation and Infrastructure Systems began work on a broader transportation strategy for Philadelphia, and will expand that work with City departments and the public in 2018.

Office of Sustainability

Initiative	Commitment	2017 Progress
Low-carbon transportation promotion	Encourage Philadelphia residents and visitors to use the numerous low-carbon transportation options available in our city.	The Office of Sustainability (OOS) continues to encourage low-carbon commuting as part of the Greenworks on the Ground initiative, and plans to expand outreach activity in 2018.
SEPTA sustainability plan update	Support SEPTA as they update their comprehensive sustainability plan.	OOS continues to meet with SEPTA as they regularly update the <i>SEP-TAINABLE</i> plan and develop their new Energy Action Plan.

Cross-Departmental Initiative

Initiative	Commitment	2017 Progress
Bike and pedestrian infrastructure	Continue implementing the <i>Philadelphia Pedestrian and Bicycle Plan</i> to ensure all Philadelphians can safely walk and bike throughout the city.	Ongoing initiative.
Sidewalk quality	Identify data needs and develop a strategy for assessing and improving pedestrian infrastructure in Philadelphia’s neighborhoods.	Philadelphia Parks & Recreation is conducting a sidewalk inventory and will prioritize repair pending capital funding availability.
Trail Master Plan implementation	Continue to release regular reports updating trail priority analysis, showcasing high-impact trail projects, and listing current funding sources for Philadelphia trails.	Ongoing initiative.
Transportation planning	Develop a citywide transportation strategic plan centered on opportunity and access, equity, sustainability, safety, and health.	The Office of Transportation and Infrastructure Systems (oTIS) is leading the creation of Connect: The Philadelphia Transportation Project, a community-centered approach to developing a comprehensive vision for the future of Philadelphia’s transportation network.

Greenworks Initiatives Update



Department of Planning and Development

Initiative	Commitment	2017 Progress
Transit-oriented development	Promote development around transit hubs while preserving affordability and choice for existing residents.	Philadelphia City Council is currently considering legislation to permit the creation of transit-oriented developments districts.

Office of Transportation and Infrastructure Systems

Initiative	Commitment	2017 Progress
Complete streets	Support the Office of Complete Streets in creating a network of streets which safely and comfortably accommodates all users.	Ongoing initiative.
Indego network expansion	Continue to incorporate equity and neighborhood access as core values as Indego bike share expands.	Indego added 27 new stations in 2017 and will add an additional 10 in 2018.
Route for Change	Develop a series of improvements along Roosevelt Boulevard to create a more inviting corridor that is safe, accessible, and reliable for all users.	oTIS and other City agencies met with residents and stakeholders along Roosevelt Boulevard in 2017 as part of the Route for Change planning process.
NEW INITIATIVE: Vision Zero	Ensure safe travel along Philadelphia's roadways while encouraging people to walk, bike, or take transit to reduce crash-related fatalities to zero by 2030.	Philadelphia finalized its first-ever <i>Vision Zero Action Plan</i> in 2017.

Philadelphia Parks & Recreation

Initiative	Commitment	2017 Progress
Rebuild	Ensure safe pedestrian access for all Philadelphians, regardless of age or ability, at facilities updated through Rebuild, an initiative to improve parks, recreation centers, playgrounds, and libraries across the city.	Ongoing initiative.



VISION
07
ZERO WASTE
All Philadelphians waste less and keep our neighborhoods clean

Greenworks is the city’s sustainability plan to improve quality of life for all Philadelphians. The City of Philadelphia committed to department actions that advance Greenworks across each of the plan’s eight visions. Read on to learn more about progress on each initiative.

2017 HIGHLIGHTS: The City set a goal reaching zero waste by 2035, and published the *Zero Waste and Litter Action Plan* to help Philadelphia eliminate street litter and divert waste from landfills. To help achieve these goals, the City debuted Philacycle, a partnership with Recyclebank to reward residents for helping achieve the zero waste vision.

Cross-Departmental Initiative

Initiative	Commitment	2017 Progress
Litter coordination	Collaborate across all departments that work on waste reduction and neighborhood cleaning and greening.	The Office of Transportation & Infrastructure Systems is leading coordination efforts as part of the Zero Waste initiative, and will announce the findings from its Litter Index in early 2018.
Litter Index	Perform a street-by-street assessment to give the City and residents a clear picture of neighborhood cleanliness and align resources with communities in greatest need.	The City will publish the results of the Litter Index block-level assessment on the new CleanPHL.org website in 2018.
Zero Waste and Litter Plan	Develop and implement a comprehensive plan to reduce litter citywide.	The City published its first <i>Zero Waste and Litter Action Plan</i> in 2017.
NEW INITIATIVE: Municipal building waste audits	Educate City-owned building operators on the waste generated within each building and opportunities to better divert waste from landfills.	The Municipal Building Waste Audit program was launched in November 2017 at 517 municipal buildings.
NEW INITIATIVE: Philacycle	Partner with Recyclebank and the Waste Watchers program to build an incentive-based program to reward residents for zero waste actions and train residents to help lead zero waste outreach.	In November 2017 the Waste Watchers and Philadelphia Recycling Rewards programs became Philacycle. Residents now can be rewarded for zero waste actions along with recycling. Philacycle conducted two training sessions for Philacycle Captains, who will lead volunteers at zero waste events, educate community members on zero waste, and support zero waste clean-ups.
NEW INITIATIVE: Zero waste events	Revise the existing City Special Events Permits to mandate recycling and provide options for zero waste.	Following the revision of Special Events Permits in July 2017, Philacycle volunteers attended six events to help reduce waste. The Philadelphia Marathon achieved a 90% diversion rate.

Greenworks Initiatives Update



Philadelphia Parks & Recreation

Initiative	Commitment	2017 Progress
Department resource consumption	Implement internal audit recommendations to reduce consumption of paper and other products.	Ongoing initiative.
Public recycling	Expand recycling collection at Parks & Recreation facilities.	Ongoing initiative.
Zero waste events	Compost organic waste from major events at the Fairmount Recycling Center.	Ongoing initiative.

Philadelphia Water Department

Initiative	Commitment	2017 Progress
Floatable trash	Continue removing litter from the Schuylkill and Delaware rivers and stormwater inlets.	Ongoing initiative.

Procurement Department

Initiative	Commitment	2017 Progress
Sustainable procurement	Include reduction of waste generated as one of the goals of City of Philadelphia purchasing.	The City has eliminated the use of paper when reviewing Requests for Proposals, and the Procurement Department is exploring opportunities to further reduce waste paper through a managed print services study.
NEW INITIATIVE: City surplus material auctions	Auction surplus materials to reduce waste and generate revenue.	Ongoing initiative.

Greenworks Initiatives Update



Streets Department

Initiative	Commitment	2017 Progress
Convenience centers	Explore opportunities to increase use of sanitation convenience centers.	In 2017 the City expanded summer drop-off hours at the convenience centers and piloted mobile drop-off centers.
Organic waste diversion	Complete a feasibility study of food and yard waste diversion and implement its recommendations.	In 2017 the study was expanded to include a regionwide market analysis of composting facilities and site design recommendations to improve the City's composting program.
Solid waste plan	Develop new waste goals and targets as part of implementing the new solid waste plan.	Philadelphia set a new zero waste goal as part of the <i>Zero Waste and Litter Action Plan</i> , and will continue to track progress toward that vision.
Waste characterization study	Conduct a study of Philadelphia's waste stream to understand how it has changed since 2010 and develop strategies for waste reduction and diversion.	More than 400 samples of the waste stream were taken and analyzed for a draft study completed in 2017. The final report will be made available to the public.
Waste education	Expand public outreach campaigns teaching Philadelphia businesses and residents how to recycle properly and reduce litter.	The City partnered with ReCommunity Recycling on an awareness campaign to keep plastic bags out of the recycling stream and launched Philacyle to reward residents for reducing waste, increasing diversion, and recycling right.
NEW INITIATIVE: New Big Bellies	Upgrade the existing network of Big Belly trash and recycling bins citywide.	The City of Philadelphia purchased 275 new Big Bellies with foot pedals, and is also working to retrofit existing Big Bellies.
NEW INITIATIVE: Smart recycling bins	Improve the management of the citywide bin inventory, better connect residents to the recycling rewards program, and increase access to recycling for all.	In 2017 the Streets Department switched to RFID-enabled bins and unveiled a new process that includes registering for a new or replacement City-issued recycling bin and automatic enrollment in Philacyle, a program to rewards residents for zero waste actions.
NEW INITIATIVE: Zero waste partnerships	Develop new residential, community, and business partnerships to increase waste reduction and diversion.	Philacyle, a new program for residents, was launched in November 2017.

Greenworks Initiatives Update



VISION
08

ENGAGED STUDENTS, STEWARDS, AND WORKERS

All Philadelphians benefit from sustainability education, employment, and business opportunities

Greenworks is the city’s sustainability plan to improve quality of life for all Philadelphians. The City of Philadelphia committed to department actions that advance Greenworks across each of the plan’s eight visions. Read on to learn more about progress on each initiative.

2017 HIGHLIGHTS: The City continued to support the School District of Philadelphia in the implementation of its *GreenFutures* sustainability plan, which received a Green Ribbon Schools award from the U.S. Department of Education. The City has also increased support for sustainable businesses, expanding the sustainable business tax credit and launching the Sustainable Jumpstart program for new sustainable businesses in Philadelphia.

Office of Sustainability

Initiative	Commitment	2017 Progress
Community engagement	Educate Philadelphians about the new Greenworks plan and opportunities for residents to work together toward a more sustainable future.	The Office of Sustainability (OOS) continues to encourage sustainable actions as part of the Greenworks on the Ground initiative, and plans to expand outreach activity in 2018.
Philadelphia Energy Campaign	Support efforts by the Philadelphia Energy Authority to track the economic impact of investments proposed through the Energy Campaign.	Ongoing initiative.
PowerCorpsPHL partnership	Explore partnership with PowerCorpsPHL to train members on energy efficiency installation.	Ongoing initiative.
School District partnership	Continue working with the School District of Philadelphia as they implement <i>GreenFutures</i> , the District’s first sustainability plan.	The School District will publish a report on <i>GreenFutures</i> progress in 2018.
Sustainable business support	Provide opportunities and recognition for sustainable business leaders, including the sustainable business tax credit, green roof tax credit, and LEED density bonuses.	The City of Philadelphia is expanding the number of businesses eligible for the sustainable business tax credit in 2018 and launching Sustainable Jumpstart, an incentive program for new sustainable businesses in the city.
Sustainability training for City staff	Provide an introduction to Greenworks as part of the onboarding process for new City employees.	OOS presented monthly to new employees in 2017 and is working to expand this training to existing employees in 2018.

Cross-Departmental Initiative

Initiative	Commitment	2017 Progress
Workforce Development Pipeline initiative	Develop strategy to create new pathways to employment in public and private sectors, including jobs that contribute to the clean economy.	The Office of the Chief Administrative Officer is working with each City department to understand opportunities to improve the talent pipeline. The Philadelphia Water Department partnered with the West Philly Skills Initiative to train residents on green stormwater infrastructure maintenance.

Greenworks Initiatives Update



Commerce Department

Initiative	Commitment	2017 Progress
Business attraction support	Identify and support opportunities to grow Philadelphia's clean economy industries, including green stormwater infrastructure, waste management, and clean energy.	Ongoing initiative.
Sustainable business practices promotion	Explore partnerships with local non-profits and advocates to challenge businesses to adopt sustainable practices.	The City is working with ImpactPHL to promote its Best for PHL Challenge to encourage local businesses to adopt sustainable and socially impactful policies.

Department of Planning and Development

Initiative	Commitment	2017 Progress
Citizens Planning Institute	Continue to include sustainability and public stewardship in the Citizens Planning Institute (CPI) curriculum.	More than 450 Philadelphians have graduated from CPI through 2017.

Philadelphia Parks & Recreation

Initiative	Commitment	2017 Progress
Recreation center engagement	Use Philadelphia Parks & Recreation (PPR) facilities to educate Philadelphians about public space stewardship.	Ongoing initiative.
Sustainable land-care training	Certify PPR employees who complete professional development training on grounds and facility maintenance.	PPR trained 260 employees in 2017 and will continue to offer trainings in 2018.
NEW INITIATIVE: Plants Make Positive Places	Expand native perennial landscapes at PPR facilities and educate staff and community members on the care and maintenance of these spaces.	PPR has engaged 15 recreation centers and "friends of" park groups in the Plants Make Positive Places program, and will continue to expand the program in 2018.

Procurement Department

Initiative	Commitment	2017 Progress
Local procurement	Increase outreach to local businesses to better understand and reduce barriers preventing them from responding to City contract opportunities.	Ongoing initiative.