



# Battery Park City Authority

## Battery Park City Ten-Year Sustainability Plan

- The Battery Park City Sustainability Plan is a comprehensive pathway to achieve progressive sustainability targets over the next decade, and lays the groundwork for continued sustainability action after 2030.
- Developed by the Battery Park City Authority (BPCA) in consultation with a broad range of residential, local, and governmental stakeholders, the BPC Sustainability Plan provides the framework for developing and implementing a carbon neutral Battery Park City by the middle of the century, in keeping with the mandate set forth in the New York State's 2019 Climate Leadership and Community Protection Act to reduce greenhouse gas emissions.
- The BPC Sustainability Plan calls for **more green space, less energy and water use, multi-modal shared streets**, and **better air quality** in Battery Park City.

### BPC Sustainability Vision

*We envision a Battery Park City that will serve as an innovative model for urban climate action, where all of us who live, work, and spend time here mobilize to create a sustainable future.*

Battery Park City's sustainability vision built on the following principles:

**Battery Park City will focus on urban sustainability.** Our goal is to achieve a carbon neutral Battery Park City by 2050. While this goal is a key driver for sustainability action, the BPC Sustainability Plan puts forth a holistic vision of environmental sustainability – including health and wellness, environmental quality, and education.

**Battery Park City will ensure that changes are made in harmony with the environment.** As a waterfront community with public parks and green spaces that are core to its character, preserving the environment is a priority for Battery Park City. Through the Plan's actions and a clear focus on environment quality, we will care for and maintain a clean, thriving, and biodiverse environment for all to enjoy.

**Battery Park City will collaborate with those who live, work, and spend time here.** BPCA cannot achieve a sustainable and carbon neutral Battery Park City alone. All stakeholders will need to act to achieve the vision and goals in the Plan and to build a more sustainable neighborhood.

**Battery Park City will continue to be an inspiration for other urban developments.** With a variety of residential rental, condo, co-op, commercial, retail, cultural, educational, and institutional stakeholders, Battery Park City will achieve a set of progressive sustainability goals that will provide guidance and case studies for other communities to replicate.

## BPC Sustainability Plan: Facts & Figures

### **Community-based, community informed—**

- 500 people participated in (public roundtables, event pop-ups, online survey) informing the Plan
- More than one-third of Plan's implementation steps came directly from public engagement

### **Plan is among the largest neighborhood-scale sustainability plans in the United States—**

- 16,000 BPC residents to benefit directly from Plan's strategies
- Approx. 700,000 BPC visitors annually to benefit from Plan's strategies

### **Energy & Emissions—**

- 70% of electricity from will come renewable energy sources by 2030
- 33% reduction in GHG emissions from 2017 levels will occur by 2030

### **Water & Waste—**

- 100% of waste will be diverted from BPCA-managed spaces by 2030
- 95% of construction and demolition waste recycled or reused by 2030
- 80% of Battery Park City organic waste will be diverted from landfills by 2030
- 29% of Battery Park City's built area will be served by a water recycling system by 2030

### **Quality of Life—**

- Implement policy requiring replacement trees to sequester the same amount of carbon dioxide within five years as the trees they succeed
- Increase total number of street trees in Battery Park City to 720 by 2030
- Redesign 1.5 miles of BPC streets with cool pavement – surfaces that reflect more light and trap less heat than conventional surfaces, helping mitigate the heat island effect – by 2028
- Noise: New plantings and barriers to dampen noise and reduce winter, wind, and air pollution
- Shade: Install structures to provide shade, decrease heat index
- Plantings: Raise awareness about BPC's rich biodiversity and enhance and expand existing habitats

### **Vehicles & Traffic—**

- 3 miles of streets improved
- 15 mph speed limit in Battery Park City (5 mph on shared streets) by 2028
- Truck traffic: New centralized waste collection and retailer "cargo sharing" to cut trips

### **Active transportation (walking and bikes)—**

- 86% of BPC residents already use public transport, walk, bike, or work from home
- All BPC streets will be optimized for pedestrian safety by 2030

### **Electric Vehicles (EVs)—**

- 5,000 miles per year logged by BPCA electric vehicles
- 100% of BPCA vehicles will be EVs by 2030
- 25% of all curbside parking will be reserved for EV charging by 2030

