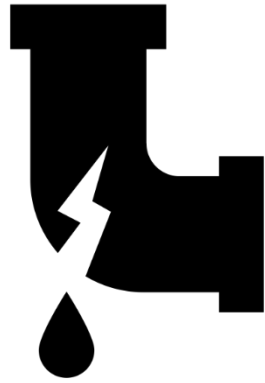


*Regarding resilience & critical infrastructure,
to enable NYC's 2050 Carbon Goals, we must first*

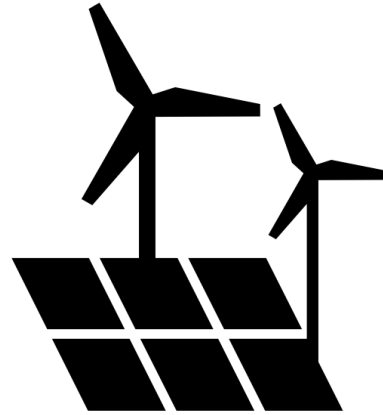
embrace the green



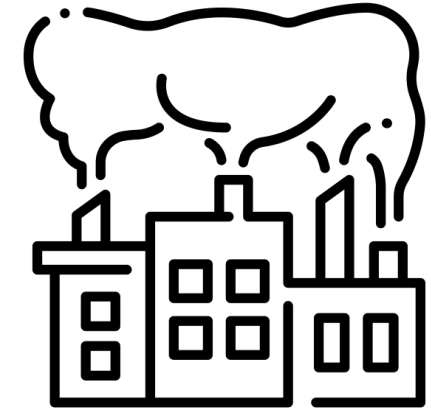
Challenges of Decarbonization



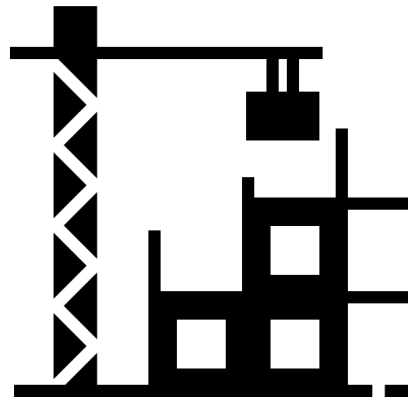
Adapt Aging Infrastructure



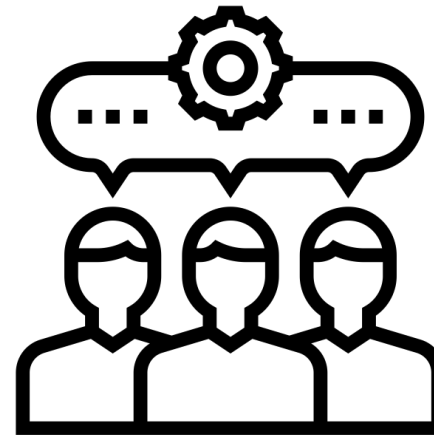
100% Clean Electricity



Building Stock Retrofits



Impact of Development



Collaboration & Governance

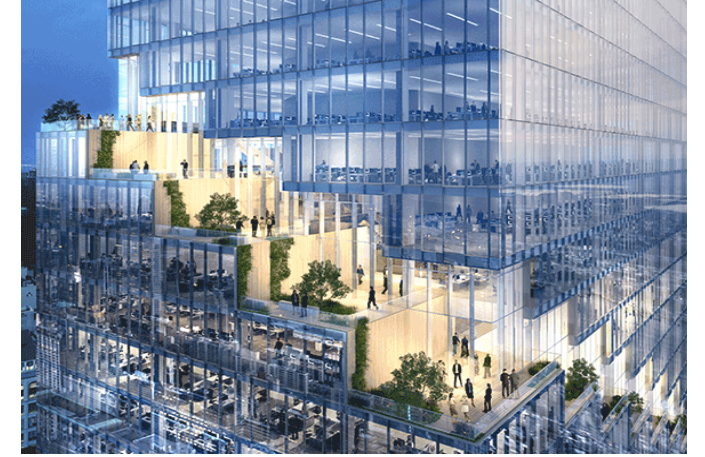
Infusing Green into the Grey



Green/Blue Scape
NYC Green Infrastructure



Master Planning
Gowanus Lowlands, Brooklyn



Built Ecology
The Spiral, Hudson Yards



Road Diet/Reclaiming
Dutch Kills Green, Queens Plaza



Ecological Restoration
Saw Mill Creek Wetland Mitigation Bank

Achieving Net Zero Carbon Footprint & Co-Benefits

TRAP GREENHOUSE GASES

A 5,000 SF green roof can sequester

~170 lbs CO₂

each year according to Michigan State University studies.

\$\$ SAVE MONEY \$\$

Green infrastructure can save

15-80%

compared to cost of grey stormwater systems (US EPA).

IMPROVE UTILITY SYSTEMS

FEMA estimates 25% of the

\$1 billion

in annual damages caused by flooding are linked to stormwater.

IMPROVE WATER & AIR QUALITY

EPA estimates over

5,500

illnesses are caused by exposure to waters contaminated by sewer overflows each year.

PROTECT COMMUNITIES

Grey systems are failing; caused

~\$290 billion

in flood-related damages in the U.S. due to extreme weather in 2017-2018.

CREATE NEW OPPORTUNITIES

Each year, the High Line attracts over

8 million

visitors, serving as an engine for tourism and new businesses.

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