

NextGeneration NYCHA Sustainability Agenda



The City of New York
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Housing & Economic Development



IMPLEMENTATION

2017 Milestones

NYCHA is committed to transparency in implementing the strategies of NextGeneration NYCHA. The Authority will remain accountable to its many partners by publishing quarterly progress reports on each NextGeneration NYCHA goal.

NYCHA will meet the following sustainability milestones by the end of 2017:

Foundational Commitments

- Join the HUD Better Buildings Challenge to reduce the energy intensity of NYCHA's portfolio by 20 percent by 2025
- Develop performance metrics for all sustainability agenda commitments and make them public
- Release all NYCHA energy and water consumption and cost data on NYC Open Data

GOAL #1: Achieve short-term financial stability and diversify funding for the long term

- Secure private financing for three EPCs (Strategy S1)
- Secure \$2 million in WAP and utility-sponsored retrofit program funds (Strategy S1)
- Issue the first Request for Proposals for a commercial-scale solar PV project (Strategy S2)
- Issue a Request for Proposals for a district energy system at Red Hook East and West Houses (Strategy S2)

GOAL #2: Operate as an efficient and effective landlord

- Develop sustainable mold and vacancy turnover protocols and begin a pilot project in the OPMOM portfolio (Strategy S3)
- Institute new purchasing policy to require low- and no-VOC caulks, paints, coatings and primers (Strategy S3)
- Expand the Integrated Pest Management (IPM) program to OPMOM (Strategy S3)
- Provide sustainability training for OPMOM development staff (Strategy S3)
- With CUNY, complete smart building technology needs assessment (Strategy S4)
- With CUNY, create training curriculum for heating plant staff (Strategy S4)
- Eliminate overheating at 20% percent of master planned developments, providing average indoor temperatures of 68-74 degrees (Strategy S4)
- With DEP, install 500 main service water meters (Strategy S5)

- With DEP, conduct water consumption study (Strategy S5)
- Update procurement standards for water-saving kitchen and bath fixtures (Strategy S5)
- Conduct waste composition study (Strategy S6)

GOAL #3: (Re)build, expand, and preserve public and affordable housing stock

- Require NYC Overlay to the Enterprise Green Communities Criteria for all major rehabs and new construction (Strategy S7)
- Establish minimum performance criteria for substantial renovation RFPs (Strategy S7)
- Invest \$200 million in eliminating exterior moisture penetration (Strategy S8)
- Launch three Energy Performance Contract projects (Strategy S9)
- Complete construction on first NY State WAP pilot at Howard Avenue and Belmont Sutter developments (Strategy S10)
- With HUD, qualify 500 units for NY State WAP funds (Strategy S10)
- With DEP, begin evaluation, design, and construction of green infrastructure at 18 sites (Strategy S11)

GOAL #4: Develop best-in class resident services and resident engagement models

- Launch an Ideas Marketplace for resident- and community-led sustainability projects (Strategy S13)
- Require resident hiring plans in renewable energy projects (Strategy S14)
- Graduate 6 cohorts of the NYCHA Resident Training Academy with Department of Sanitation recycling curriculum included (Strategy S14)
- Recruit at least 100 NYCHA young adults into partner energy and sustainability trainings (Strategy S14)
- Complete JobsFirstNYC planning grant as part of green jobs collaborative (Strategy S14)
- Connect NYCHA residents to at least 30 percent of new jobs through NYCHA's Energy Performance Contracts (Strategy S14)

Working towards 80 x 50

- Create a roadmap of technical options (Strategy S15)
- Create incentives for low-energy new construction (Strategy S16)
- With MOTI, launch the Call for Innovations for pilot projects (Strategy S17)
- Identify at least one opportunity to test “deep” retrofit technologies (Strategy S17)

NYCHA will launch two online platforms to encourage new partners to help advance the NextGeneration NYCHA Sustainability Agenda.

Ideas Marketplace	Call for Innovation
<p>What is it? An online platform to connect resident- and community-led sustainability initiatives to each other, to philanthropic support and resources, and to NYCHA.</p> <p>A successful project would:</p> <ul style="list-style-type: none"> • Increase volunteer participation • Learn faster by connecting with other sustainability projects in other NYCHA developments • Raise more philanthropic support by partnering for greater impact • Create a replicable intervention and expand to serve more residents <p>Roles:</p> <ul style="list-style-type: none"> • Residents and community-based organizations design, manage and implement, and measure impacts • Fund for Public Housing connects to philanthropic support • NYCHA coordinates access <p>Goals for residents and community-based orgs:</p> <ul style="list-style-type: none"> • Promote sustainability in day-to-day living • Connect with potential partners • Increase participation • Increase funding and resources <p>Goals for NYCHA:</p> <ul style="list-style-type: none"> • Provide a consistent and transparent framework to foster effective partnerships <p>Examples of potential projects:</p> <ul style="list-style-type: none"> • Projects to divert food waste and recyclable materials from going to landfills • Campaigns to reduce resident electricity use through competitions and incentives • Campaigns to help residents access healthy food options • Quit-smoking campaigns 	<p>What is it? A structured process for submitting pilot project proposals that address core landlord responsibilities.</p> <p>A successful project would:</p> <ul style="list-style-type: none"> • Test a replicable solution to a technical problem in capital improvements or building operations • Demonstrate success through rigorous outcomes evaluation • Demonstrate financial feasibility for future projects <p>Roles:</p> <ul style="list-style-type: none"> • Proposers design, manage and implement projects • NYCHA provides design input, selects pilot sites and assists with implementation • NYCHA, proposer, and/or third party evaluator assess project success <p>Goals for proposers:</p> <ul style="list-style-type: none"> • Demonstrate performance under real-world conditions • Demonstrate financial feasibility <p>Goals for NYCHA:</p> <ul style="list-style-type: none"> • Transparently solicit pilot projects and share pilot outcomes • Test and evaluate innovative solutions <p>Examples of potential technical pilots:</p> <ul style="list-style-type: none"> • Onsite electric generation technologies • New technology solutions to improve comfort, reliability, or efficiency of campus and district steam systems • New technology solutions for water conservation, management, or re-use • High-efficiency cooling