



# YARD

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# LABS

**PLANNING  
YOUR  
APPLICATION**

BROOKLYN  
NAVY | YARD |

# ABOUT YARD LABS

**Yard Labs gives companies the opportunity to beta test frontier technology by activating Brooklyn's 300-acre, 6.3M sq ft city within a city.**

Pilots have access to select Brooklyn Navy Yard infrastructure & space, offering a unique controlled urban environment to test new or existing technologies, collect data, and prepare for market launch.

If accepted, and with full completion of the approvals process, Yard Labs pilots can expect to launch within 8-16 weeks of the application cycle end date. After launch, each pilot generally wraps within 1-2 quarters (1-6 months).





# APPLICATION INFO

To apply in 2023, a fully completed **Company Application** and **Workplan** must be submitted within one of these windows:

- **January 2-13**
- **April 3-14**
- **July 3-14**
- **October 2-13**

Up to 4 pilots are accepted each cycle.

# COSTS

**Yard Labs offers scaled fees based on Yard costs, scope of the pilot, overall impact on operations, and strategic alignment.**

All Yard Labs pilots require a deposit, held until the **Final Report** is submitted and all **Restoration to Original State** is complete.

**Fee and Deposit** terms will be shared at the time of the Company Application Decision offer, 3-4 weeks after the initial **Company Application** is submitted.





# APPLICATION PROCESS & TIMELINE

## Steps to Submit:

1. Read the **Yard Labs Pre-Application Guide**.
2. Contact [YardLabs@bnydc.org](mailto:YardLabs@bnydc.org) to kick off your Pre-Application period.
3. Request Optional Pre-Application:
  - **Introductory Meeting**
  - **Site Visit**
4. Submit **Company Application & Workplan**. Incomplete or late documents will be referred to the following application cycle.

# REVIEW, DECISIONS, & APPROVALS

PILOT APPLICATION REVIEW & APPROVALS TIMELINE: 8-16 WEEKS			
STEP SET			TURNAROUND Ranges dependent on pilot scope and type of Asset work required
START:		CONCLUSION:	
1	Company Application, Workplan, and uploads are fully submitted	Company Application Decision	3-4 Weeks
2	Accept fee & deposit terms per Company Application Decision email	Workplan Feasibility Notice	1-4 Weeks
3	Accept Workplan Feasibility terms per Workplan Feasibility Notice email	Workplan Feedback fully addressed; Workplan uploads finalized	1-4 Weeks
		All Documents finalized & uploaded: <ul style="list-style-type: none"> <li>• BNYDC Agreement</li> <li>• COIs</li> <li>• Consultant Approvals</li> <li>• Agency Approvals/Permits</li> <li>• Construction Kickoff Meeting &amp; Approvals</li> </ul>	3-4 Weeks
4	Final Pilot Launch Approval Email	Pilot May Begin	Immediately upon final approval email



**YARD**

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**LABS**

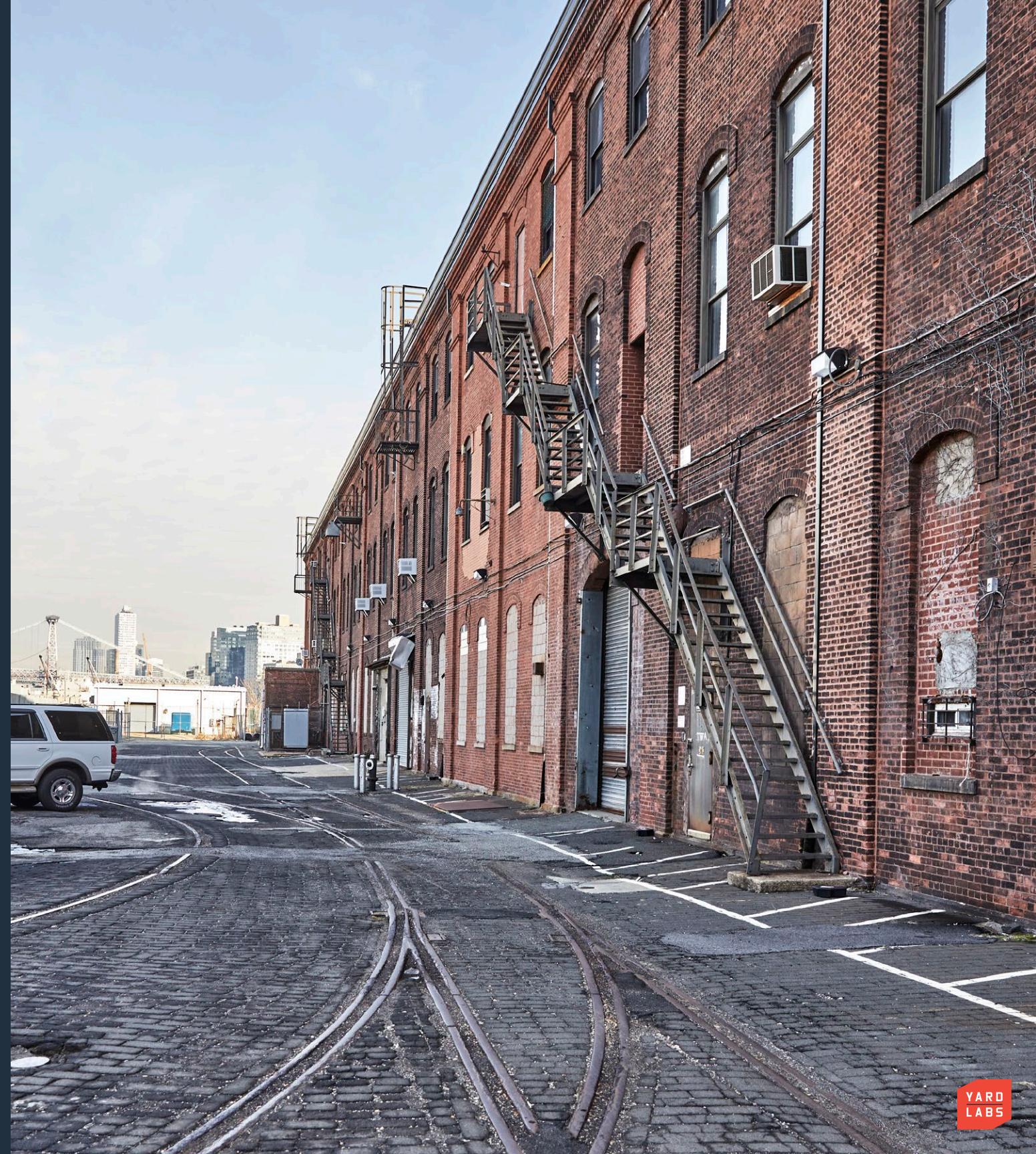
**PREPARING  
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# YARD LABS <> YOUR PILOT

## Best-Fit Benchmarks:

- Pilot alignment with the Yard's strategic **Target Areas and Technologies of Interest**
- Company alignment with the Yard's **manufacturing, economic development, and social mission and goals**
- Pilots scoped to fit the Yard's **Asset Categories and available piloting locations**
- Participation in the **Yard community ecosystem** during the life of the pilot





# STRATEGIC COLLABORATION & ALIGNMENT

Yard Labs promotes community & sustainability through projects focused on decarbonization, resiliency, and smart cities.

## **Yard Target Areas & Technologies**

Yard infrastructure & assets are best suited for pilots focusing on sustainability & innovation for urban manufacturing and industry.

For your application, you should be prepared to discuss natural alignment or advocate for a new area of interest that is specific to the Yard site.

### Current Areas of Yard Strategic Interests in Innovation & Mission

#### **Industrial Buildings**

- Envelope
- Systems

#### **Transportation**

- Energy & Mobility
- Urbanization
- Communications & Networking

#### **Supply Chain**

#### **Environmental Quality & Cleanup**

#### **Urban Design**

### Approaches To Sustainability

#### **Maximizing Energy Efficiency**

Maintain/increase production levels with minimal possible carbon footprint

#### **Decreasing Emissions**

Minimize or eliminate further damage & depletion, working towards NYC's 2050 carbon neutrality goal

### Technologies

#### **Energy Production & Storage**

- Fuel Cells
- Batteries

#### **Computational Innovation**

- AI
- Quantum Computing

#### **Life Sciences**

- Biomanufacturing
- Biotech

#### **Energy Sources**

- Natural Gas
- Heat
- Hydrogen
- Wind
- Solar
- Geothermal
- Fusion



## Yard Community & Mission

The Brooklyn Navy Yard is a mission-driven organization and vibrant community ecosystem.

For your application, you should be prepared to discuss your alignment with our goals and your interest in community involvement.

### Yard Goals

- **Diverse & Inclusive Business Owners & Leaders**
- **Leadership on City of New York Climate & Decarbonization Targets**
- **Environmental & Climate Justice**
- **Manufacturing Innovation**
- **Fair & Equitable Employment Practices**
- **Responsible, Balanced Operations Expenses & Revenue Generation**
- **Job Creation**

# YARD ASSETS

## Asset Categories

The Yard has eight Asset Categories, which all applicants should use to scope their pilots. As a working manufacturing campus for over 350 businesses, we evaluate your pilot's overall footprint, which includes the type, extent, and length of Asset use.

### Yard Assets

#### Transportation

- Parking Space or Grounds
- Roadway/Sidewalk
- Airspace
- Waterfront

#### Electric

#### Other Utility Systems

#### Ground (Soil Cap)

#### Interior Building Systems

#### Building Exteriors

- Windows
- Facade
- Roof

#### Internet Service & Infrastructure

#### Data & Records

- Records Request
- Data Collection (all pilots)





## Asset Maps

### Piloting Areas Asset Map





Use this map to determine the best location/s for your pilot. The Piloting Areas Asset Map reflects upcoming construction and other designated use areas.

### Additional Asset Maps

May be available by request:

- **Campus-Wide Electricity Systems**
- **Campus-Wide Heating Systems**

New Asset Maps are potentially available with a two-month lead time.

-  **Zone A**
-  **Zone B**
-  **Zone C**
-  **Limited Availability**

