



New York City Mass Timber Studio

Virtual Information Session - October 11th 12-1PM ET

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Agenda

1. NYC Mass Timber Studio Overview (15 mins)

Studio Objectives

Policy Context

Application Requirements

Matchmaking Form

2. Studio Program & Technical Assistance (10 mins)

3. Application Timeline (5 mins)

4. Q&A Session (20 mins)

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Mass Timber Studio Overview

Operators



Funding Support



Advisors



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Mass Timber Studio Overview

Climate Innovation Program to provide grants and technical assistance to design and development teams working on NYC based projects

Studio Objectives:

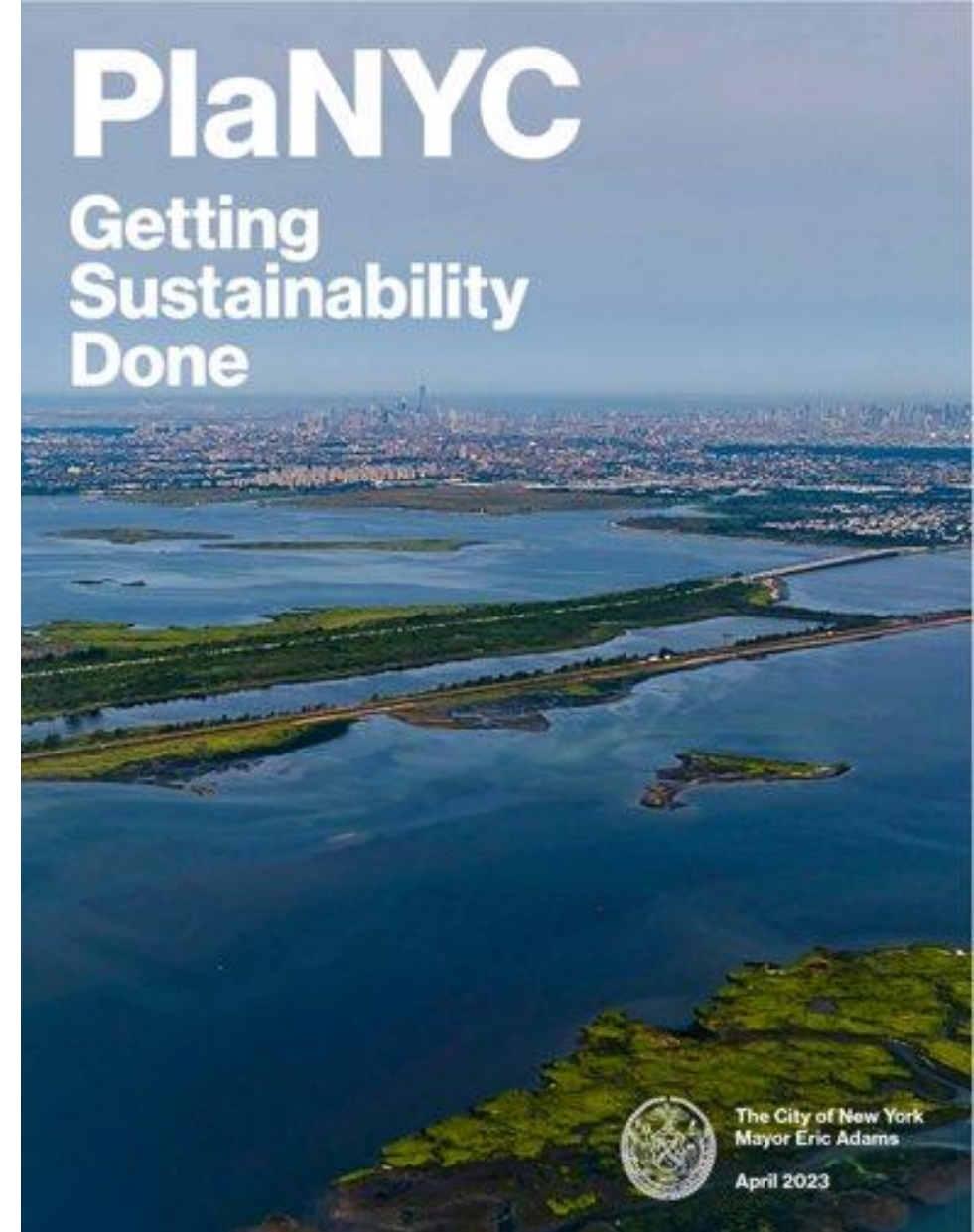
- Raise public awareness of the carbon and economic benefits and beauty of mass timber construction
- Connect design teams and City actors interested in advancing use of mass timber
- Introduce more practitioners to the details and feasibility of mass timber construction
- Identify development opportunities resulting in new building and infrastructure projects in New York City constructed with mass timber
- Identify the potential for new business and job creation through the expansion of mass timber construction



NYC Policy Context

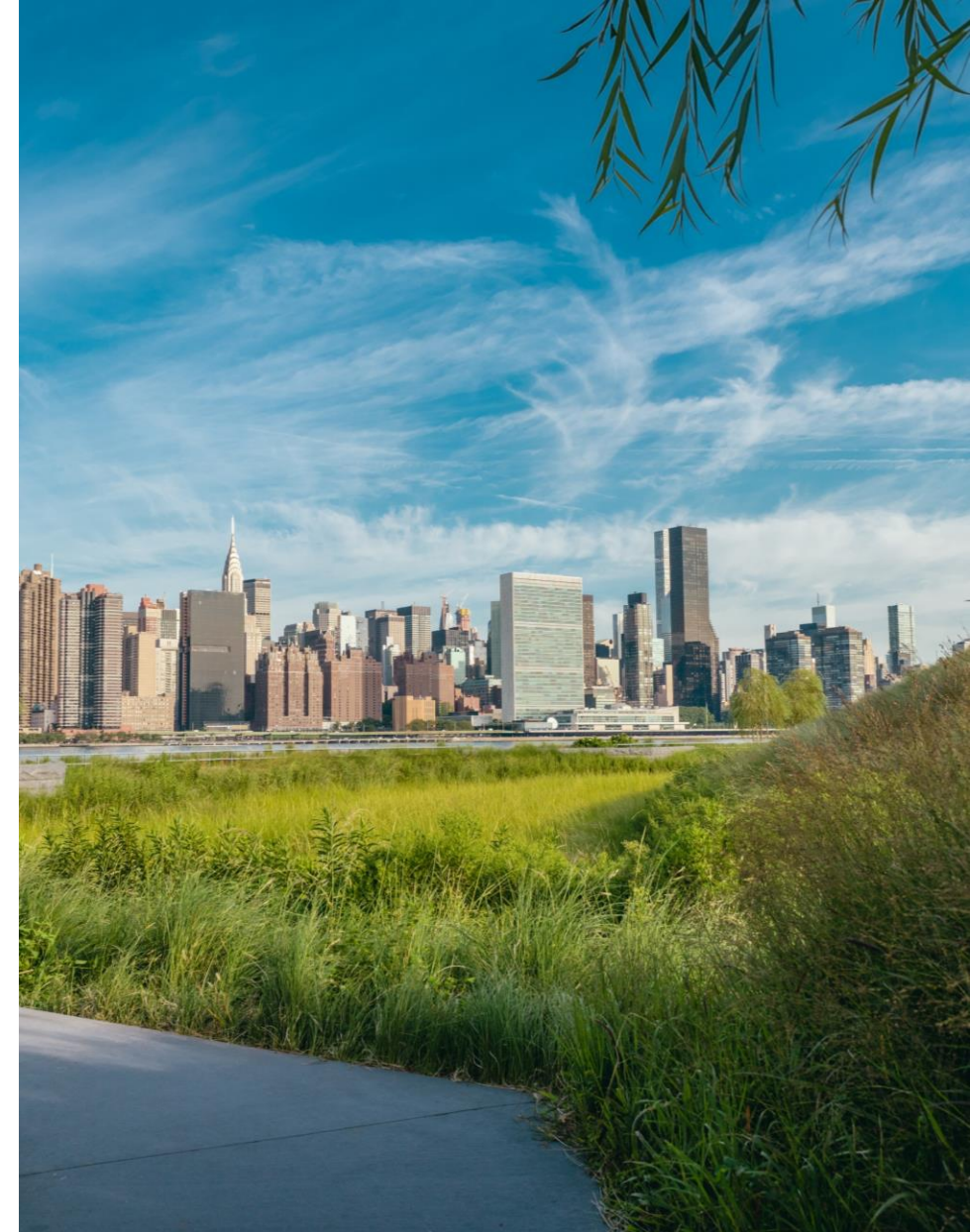
New York City's Mass Timber-Related Commitments

- “PlaNYC – Getting Sustainability Done”
 - Reduce construction industry's carbon footprint 50% by 2033
 - Implement performance-based standards for low-carbon materials & equipment by 2025
- Executive Order 23
 - Requires city's capital project agencies to commit to lower embodied carbon from municipal construction projects
- C40 Clean Construction Accelerator
 - Assess the impact our choice of materials and construction design will have on NYC's overall resilience to climate impacts



Eligibility Criteria

- The applicant must be an architecture, engineering, or development organization registered in the United States and authorized to do business in New York State
- The applicant must have an active commissioned project that meets grant application requirements
- An eligible project must be one of the following building typologies:
 - Commercial development
 - Institutional development (cultural, educational, recreational)
 - Residential development (multifamily affordable and market rate housing)
 - Infrastructure development
 - Industrial development



Application Requirements (1/2)

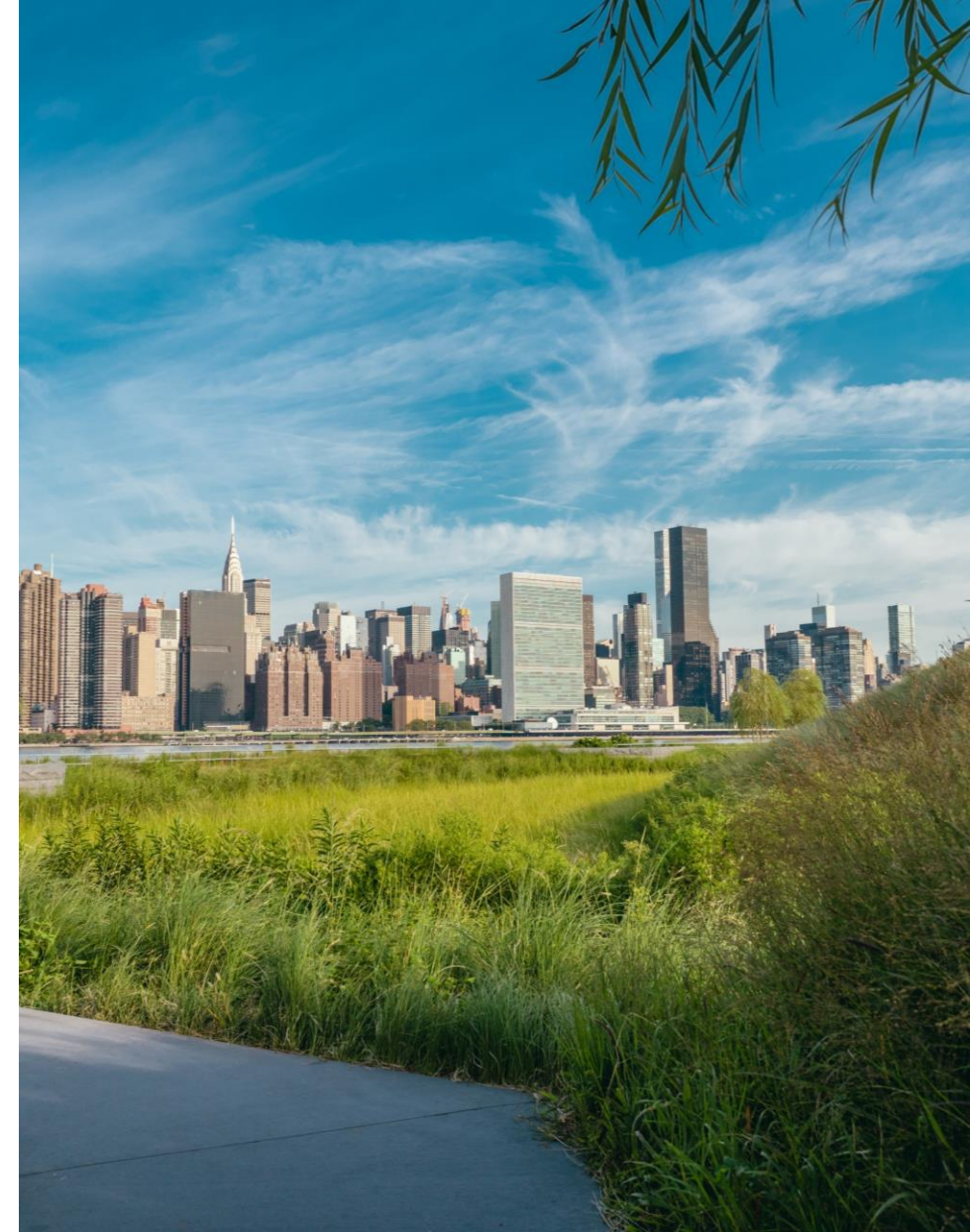
Application Submissions must be formatted as a single PDF and uploaded to edc.nyc.gov/masstimber by November 8th 11:59PM ET

1. Applicant Contact Information

- All application and selection process communications will be with the Applicant Contact
- Firm name, website, address, organization type and organizational structure

2. Team Profile

- Overview of project team, including any specialty consultants
- Describe the project team's expertise and experience (*Design teams without experience or expertise with mass timber construction are eligible to apply*)
- Describe the diversity and equity efforts of your organization and how they have been implemented at the design team level
- Include any certificates held by project team including minority and/or women owned business certification



Application Requirements (2/2)

3. Project Description

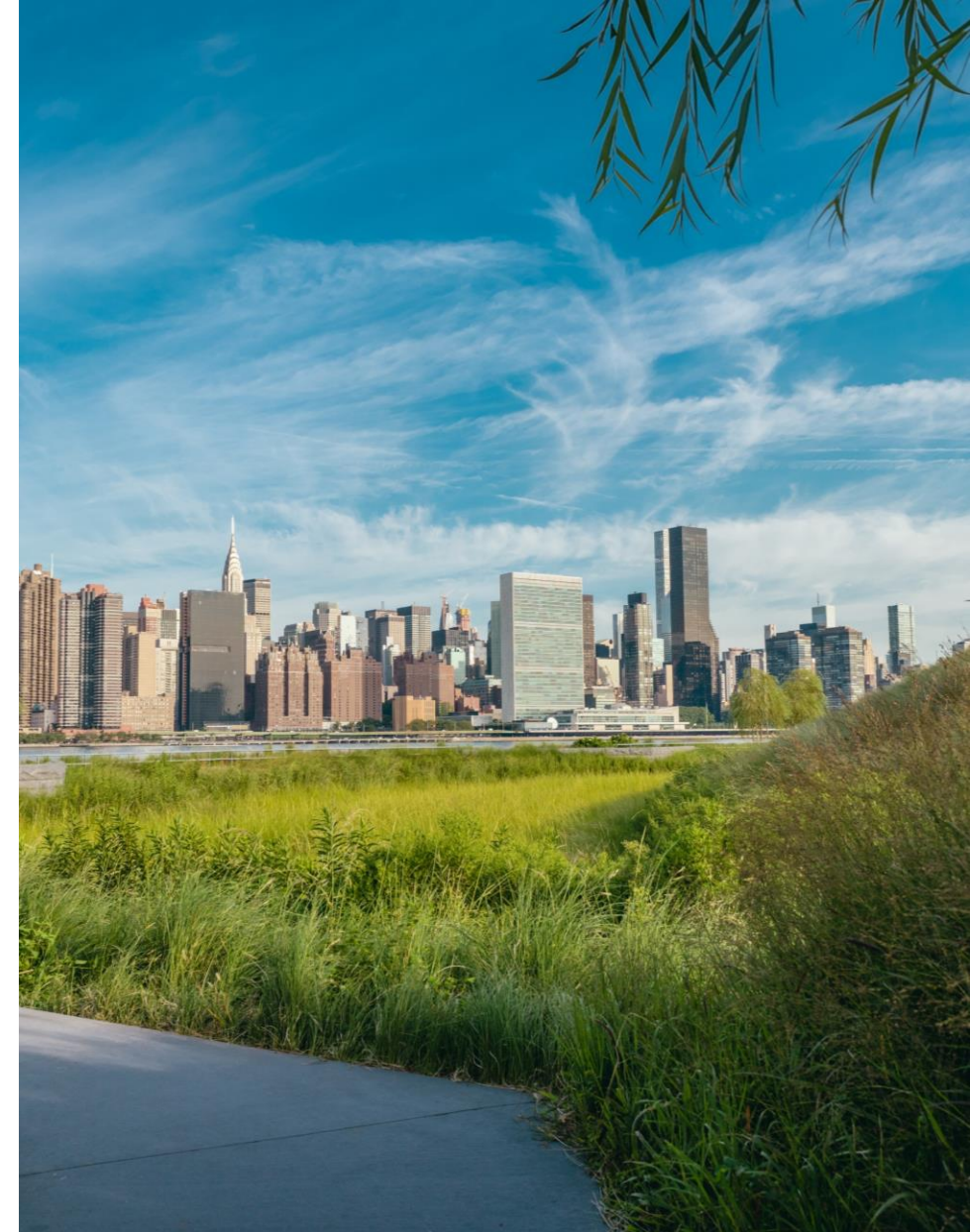
- Building owner, program and uses
- Building characteristics including area (sf) and height (stories and feet)
- Development illustrations including at minimum 1 site plan, 4-5 building plans, elevations, sections and/or diagrams to best demonstrate project eligibility
- Sustainability goals, which may include LEED, carbon neutrality, resiliency, and indoor environmental health

4. Project Planning and Permitting Status

- Provide project schedule (project phase and timeline) and, if permitting has begun, status of permit and other design approvals

5. Statement of Interest and Commitment to building with Mass Timber

- Describe design team's motivation for applying to the NYC Mass Timber Studio program and intent to design with mass timber
- Submitted projects should identify potential for innovative adoption of mass timber design and construction



Selection Criteria

Grants will be awarded on a competitive basis with a goal of selecting new development projects demonstrating:

- potential for innovative applications of mass timber
- potential for successful integration of mass timber into the proposed project
- range of building uses, affordability, scales, and heights

Selection Criteria include:

- Planning and Permitting Timeline
- Priority Building Uses, Typologies, and Heights
- Commitment to Sustainability and Resiliency
- Commitment to Equity
- Implementation of Mass Timber Practices



Matchmaking Form

Interested applicants looking for additional members to join their project teams should complete the Studio matchmaking form by 5:00PM on October 18th, 2023

Responses will be collected and posted to edc.nyc/masstimber no later than Friday, October 20th, 2023

Respondents to the form are responsible for contacting each other to facilitate collaboration and meet the application deadline.



New York City Mass Timber Studio

Matchmaking Form

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Submission Period Begins: September 20, 2023

Information Session: October 11, 2023

Question Submission Deadline: October 20, 2023

Q&A Document Posting: October 27, 2023

Proposal Submission Period Ends: November 8, 2023



The Studio Program

Grants of approximately \$25K will be awarded to selected teams to support projects specific mass timber analysis and design work

Studio activities are anticipated to begin in 2024 and run for 9 months

Awarded design teams will commit to:

- Technical Assistance & advisory meetings with Woodworks and DOB
- Public presentations during mid- and final- reviews
- Deliverables include:
 - Preliminary building designs and plans integrating mass timber
 - Life cycle assessment of embodied carbon
 - Preliminary cost benefit assessment for mass timber (time, material, and labor)
 - Brief project summary report with analysis and findings on opportunities for mass timber adoption
 - Operational plan on next steps to integrate timber into the final design



Technical Assistance

1. Advise on questions pertaining to the design, engineering, and construction of mass timber related to:
 - Acoustics
 - Fire-Resistance
 - Structural gravity and lateral design
 - Grid and timber volume optimization
 - Mechanical, Electrical, Plumbing, and Fire Protection integration
 - Durability
 - Hybrid system selection and detailing at differential material intersections
 - Preliminary building designs and plans integrating Mass Timber
2. Provide guidance on cost benefit assessments (time, materials, labor)
3. Provide guidance and feedback on designing within New York City Construction Codes, with support from NYCDOB
4. Facilitate discussions on supply and budgets with WoodWorks mass timber manufacturing partners



Timeline

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Matchmaking Form Deadline:	October 18, 2023
Matchmaking Responses Posted:	October 20, 2023
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Proposal Submission Date:	November 8, 2023

Please submit responses by 11:59PM EST at edc.nyc/masstimber



Q&A



Q: We're involved in mass timber research and projects elsewhere, but none in NYC. How can we get involved in this new initiative? Is there a way to match make between us and other teams?



Q: Is there a recording of the launch event at AIA?



Q: Does the team submitting the application need to have a commissioned project already underway in NYC?



Q: Do all members of the team need to be licensed in the state of NY? Or just one entity of the team (either Architectural Or Structural if an Architectural and Structural team happen to team up?)



Q: Can the project be theoretical? Meaning, can the design team find an empty site in NYC and do early stage design assessment of it?



Q: Are there resources and tables available for calculating the required thickness of beams and floor slabs for various Fire Ratings needed in NYC?



Q: What aspects of the design team are you looking to be confirmed? Are there any specific capabilities required in the team?



Q: Eligibility Criteria

- What are the criteria that the projects are going to be evaluated against?
- Are larger projects likely to be favored?
-

Q: For an application to be valid, does the developer have to own the site?
What if they are in negotiations?



Q: Are there any government construction capital projects that might apply to the accelerator and are looking for support from the private sector?



Q: We have mass timber expertise and would like to share our experience.
How can we get involved?



Thank you



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