

Brownfields to Brightfields: Unlocking Solar Energy and Equitable Community Development

May 20, 2021

9am – 11am ET



Agenda

- *9:00 - 9:05am*: Welcome and Workshop Overview
- *9:05 - 9:20am*: Keynote: Introduction to Brownfields to Brightfields Projects and U.S. Trends
- *9:20 - 9:30am*: Presentation: Opportunities and Challenges for Equitable B2B Projects in the Massachusetts Context
- *9:30 - 10:10am*: Panel Discussion: Equitable Brownfields to Brightfields Projects
- *10:10 - 10:20am*: Demonstration: Brownfields to Brightfields Mapping Tool for Massachusetts
- *10:20 - 10:50am*: Topical Breakout Rooms
- *10:50 - 11:00am*: Next Steps towards Implementation

Keynote Speaker



Lora Strine

Team Leader

RE-Powering America's Land Initiative

U.S. Environmental Protection Agency

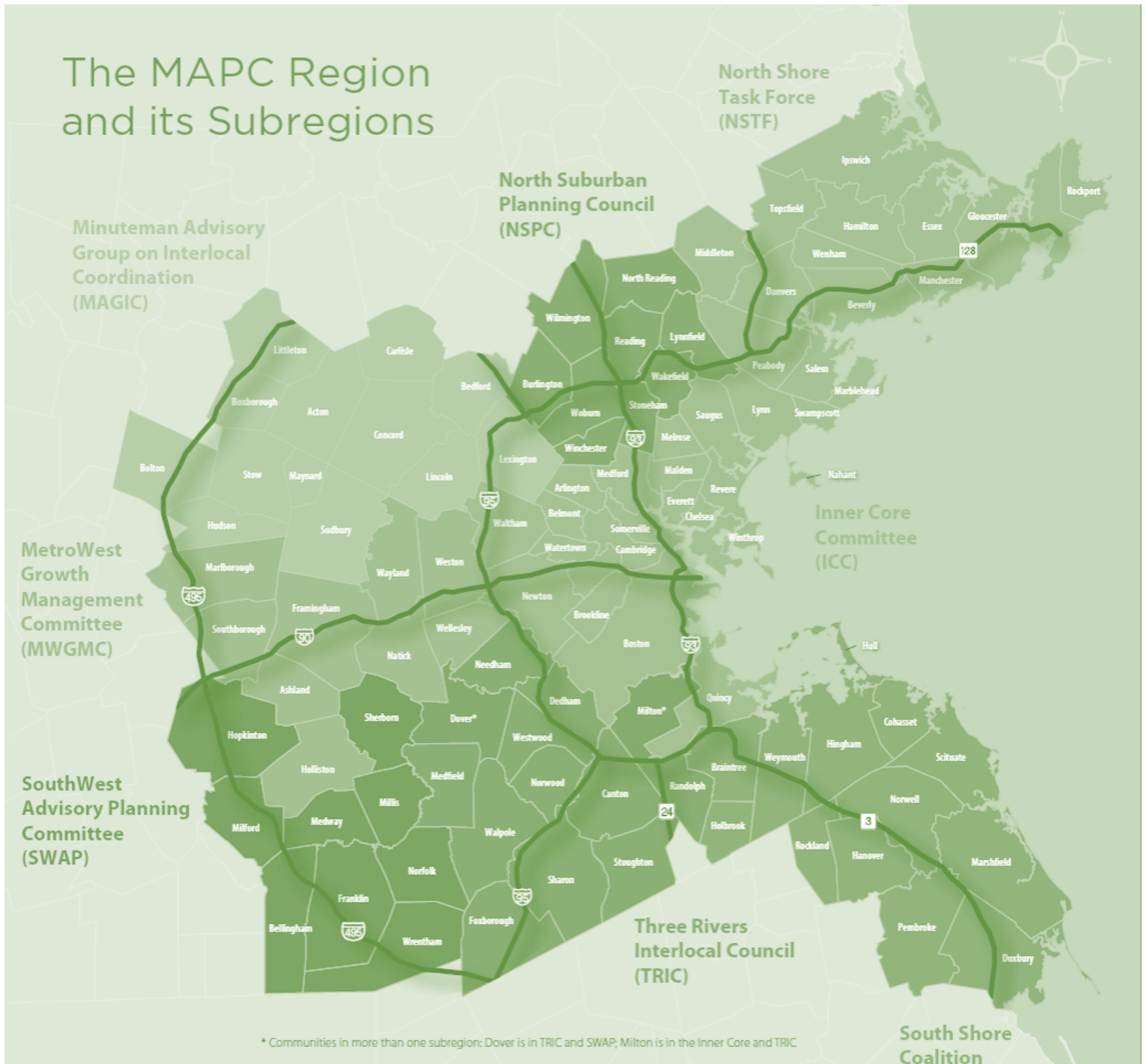
Massachusetts Context:

Opportunities and Challenges for Equitable Brownfields to Brightfields Projects

May 20, 2021



The MAPC Region and its Subregions



Equitable B2B Project Models

1. Equitable Engagement
2. Community-shared Solar (CSS)
3. Community Benefits Agreements (CBA)
4. Solar-accessorized Sites

Equitable B2B Project Models

1. Equitable Engagement

- Ensure that community members who live near a brownfields site have voice and agency in the redevelopment process.
- Groundwork USA has tools and guidance available for equitable brownfields planning and MAPC offers resources on community engagement.



Equitable B2B Project Models

2. Community-shared Solar (CSS)

- CSS projects in Massachusetts can use virtual net metering to allow participants to subscribe to a project and receive credit for a portion of the energy generated on their utility bill.
- MAPC has more guidance on CSS models. The Institute for Local Self Reliance's Equitable Community Solar guide offers multiple options for embedding equity into CSS programs.



Equitable B2B Project Models

3. Community Benefits Agreements (CBA)

- A CBA is an agreement between the project developer and community members impacted by the project that provides local benefits to the community.
- The Department of Energy's Advancing Opportunities for Community Development through Energy Project Development guide outlines process steps and examples of CBAs for energy projects.



Equitable B2B Project Models

4. Solar-accessorized sites

- A solar accessorized project benefits residents who have lived with the brownfield burden in their community
- Examples could include a community garden or park with outdoor lighting powered by solar, or an affordable housing development with rooftop solar benefiting residents.



Municipal Support Opportunities

- Engagement and Convening
- Site Identification and Feasibility Assessment
- Site Preparation
- Zoning Changes
- Procurement and Site Aggregation



Photo Credit: Hugh Venerable

Municipal Support Opportunities

- Streamlined Permitting
- Interconnection
- Project Negotiation
- Workforce Development



Photo Credit: MassCEC

Thank You!

Julie Curti

Clean Energy and Climate Strategy
Manager and Senior Planner, MAPC

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Panel



Emil King

Program Analyst Renewable
Energy and Clean
Transportation
Department of Energy and
the Environment for the
District of Columbia



Lena Entin

Training Coordinator
Neighbor to Neighbor



Lori Ribeiro

City of Brockton Brownfields
Coordinator (former)
Vice President of Business
Development, Mill Creek
Renewables (current)

Massachusetts B2B Mapping Tool Introduction



Caitlin Spence
Planning and GIS Analyst II
MAPC

Breakout Rooms

- **Brownfields Remediation**
 - Content Experts: MA Dept of Environmental Protection (Danah Tench, Joanne Fagan, and Elizabeth Callahan), and EPA New England (Jim Byrne and Kate Woodward)
 - Facilitator: Julie Curti, MAPC
- **Equitable Solar Development**
 - Content Experts: Emil King, DC Department of Energy and Environment, and Nicole Sanches, Resonant Energy
 - Facilitator: Adi Nochur, Groundwork USA
- **Grassroots Organizing for a Just Transition**
 - Content Experts: Lena Entin, Neighbor to Neighbor
 - Facilitator: Maria Brodine, Groundwork USA
- **B2B Mapping Tool for Massachusetts**
 - Content Expert: Caitlin Spence, MAPC
 - Facilitator: Sasha Shyduroff, MAPC
- **MA Solar and Brownfields Policy**
 - Content Experts: Eric Steltzer, MA Department of Energy Resources, Lori Ribeiro, Mill Creek Renewables, and Lora Strine, EPA
 - Facilitator: Cameron Peterson, MAPC

Workshop Survey and Project Matchmaking

<https://tinyurl.com/329zs2ru>

Link to Mapping Tool:

<http://mapc.ma/b2b>

