

MAPC's Municipal Net Zero Playbook

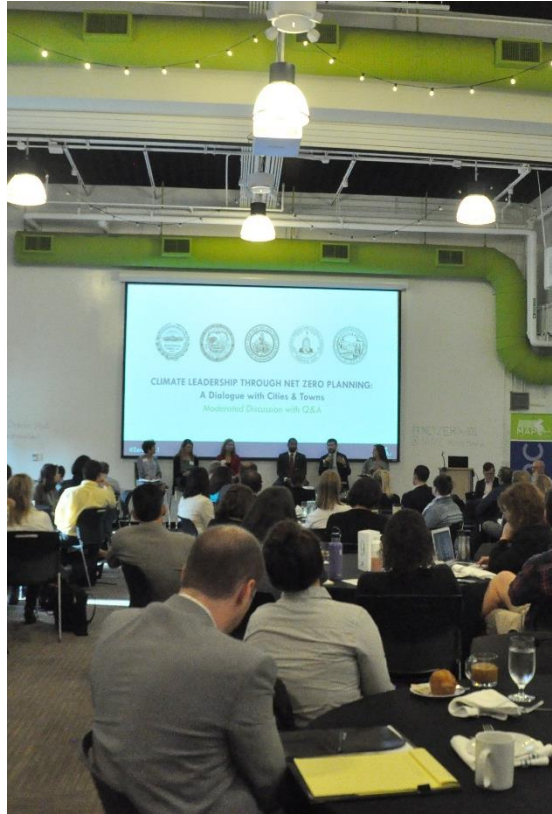
SWAP Meeting
November 9, 2021



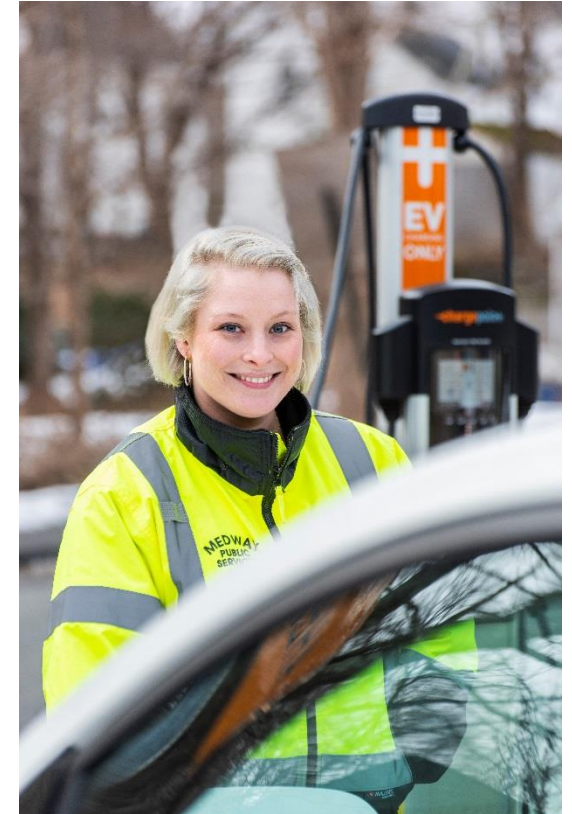
MAPC's Clean Energy & Climate Services



Regional Energy **Projects**

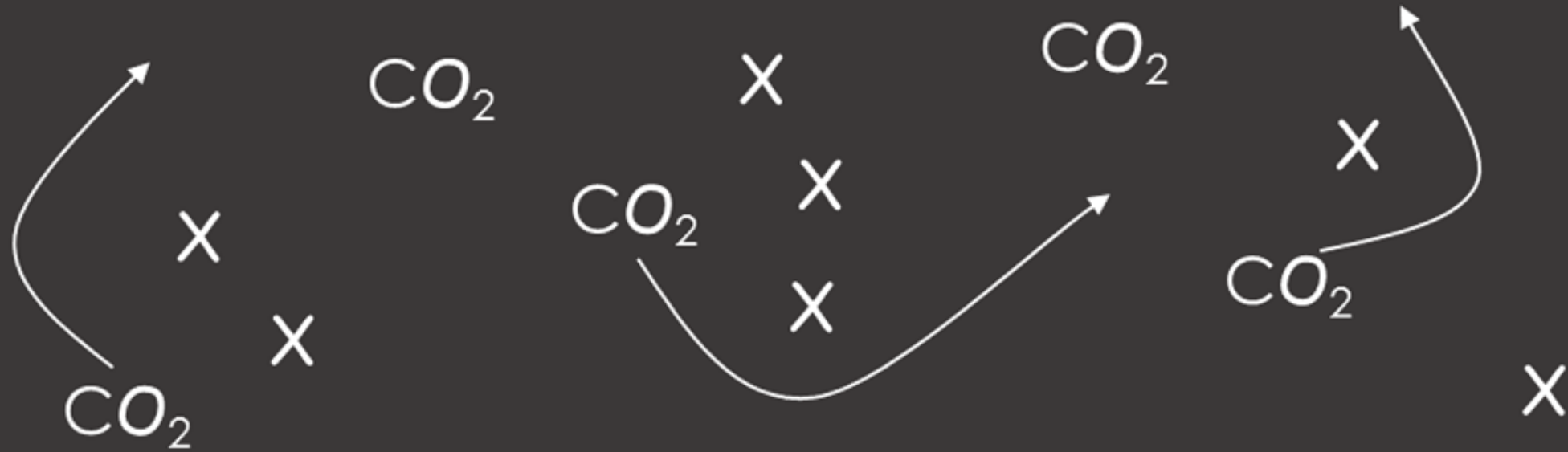


Climate and Energy **Planning**



Energy **Technical Assistance**

MAPC's Municipal Net Zero Playbook



- Net Zero Buildings
- Zero Emission Mobility
- Clean Energy Supply
- Climate-Smart Permitting and Zoning
- Framework for Action
- Framework for Equity

MAPC's Framework for Action



Recruit
Support
from
Community



Pursue
Commitment



Prioritize
Holistic
Planning



Gather
Necessary
Information

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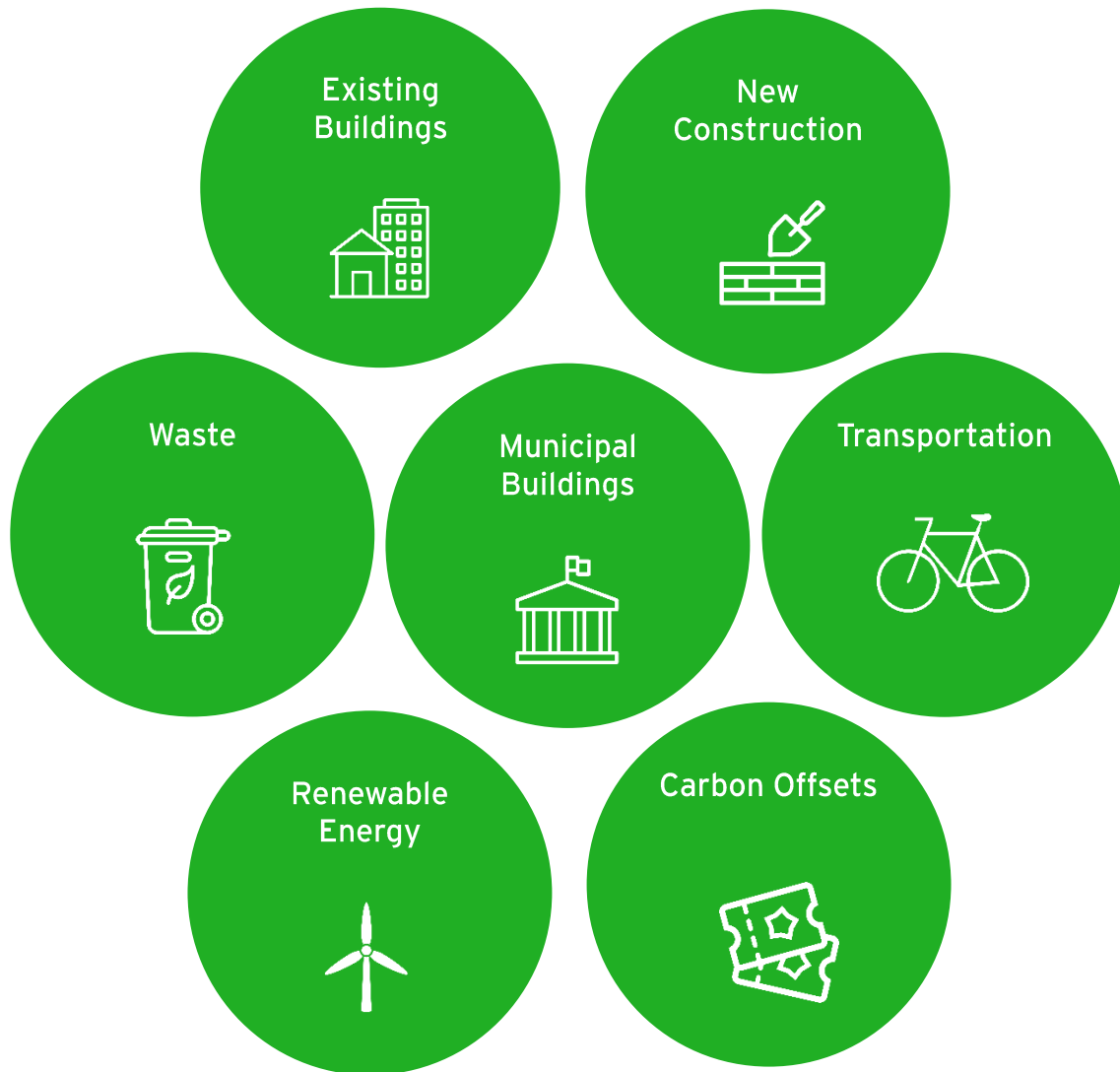
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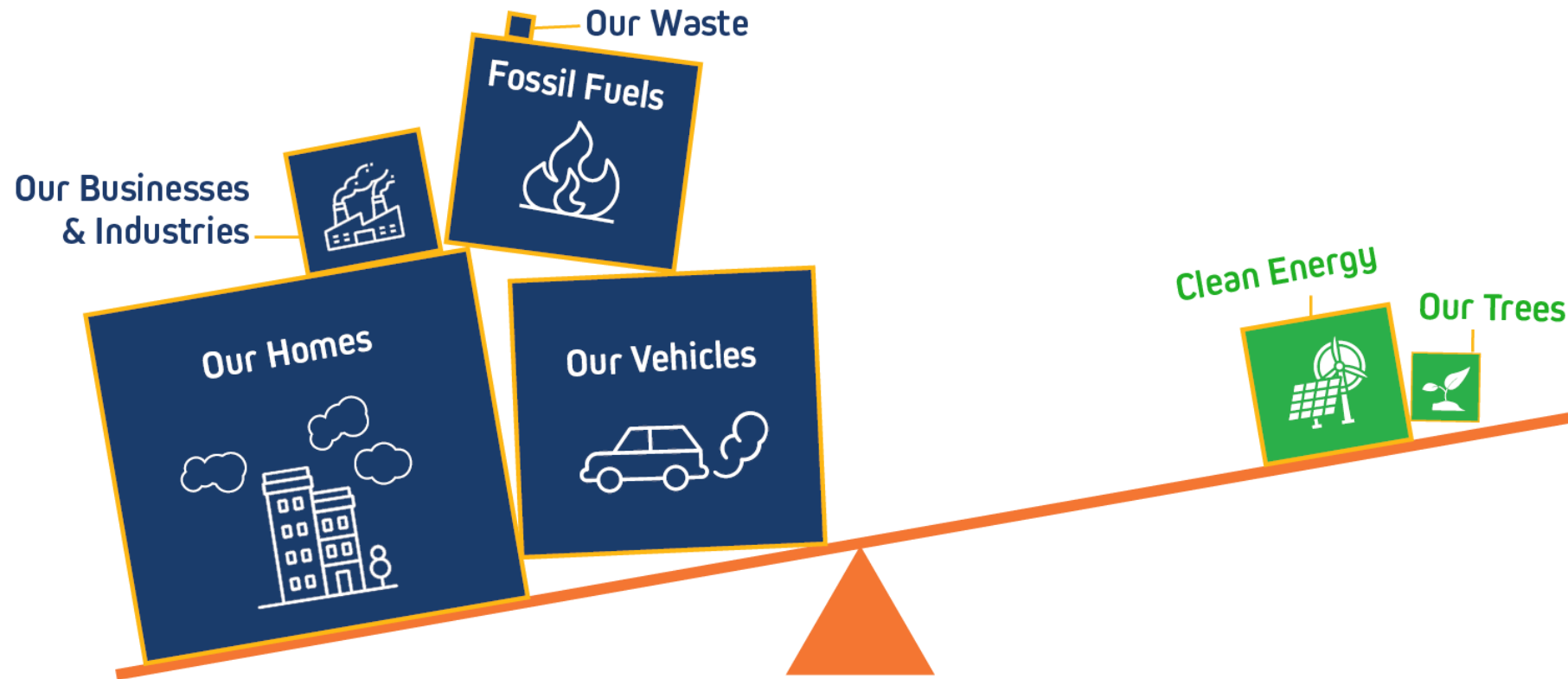


What is Net Zero?

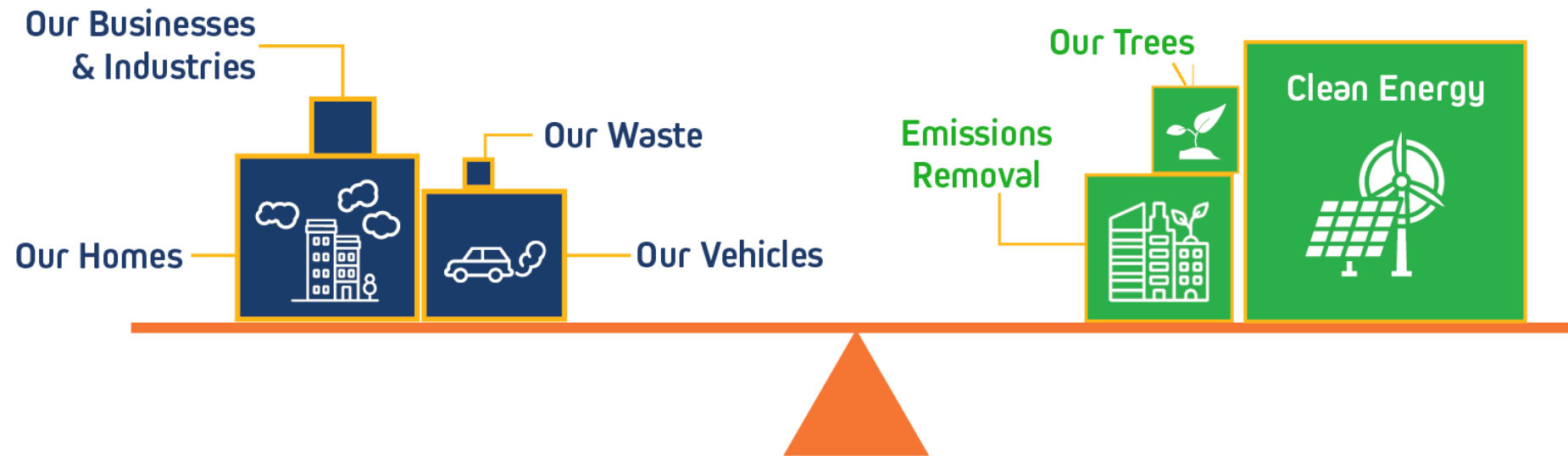
Net Zero Planning means the development of community-wide multi-sectoral goals, strategies, and processes to enable a municipality to achieve net zero carbon emissions.

To achieve **Net Zero**, a community – or other entity – must reduce greenhouse gas (GHG) emissions to the greatest extent possible and balance out any remaining emissions through GHG removal.

From this...



...to this!



MAPC's Framework for Action



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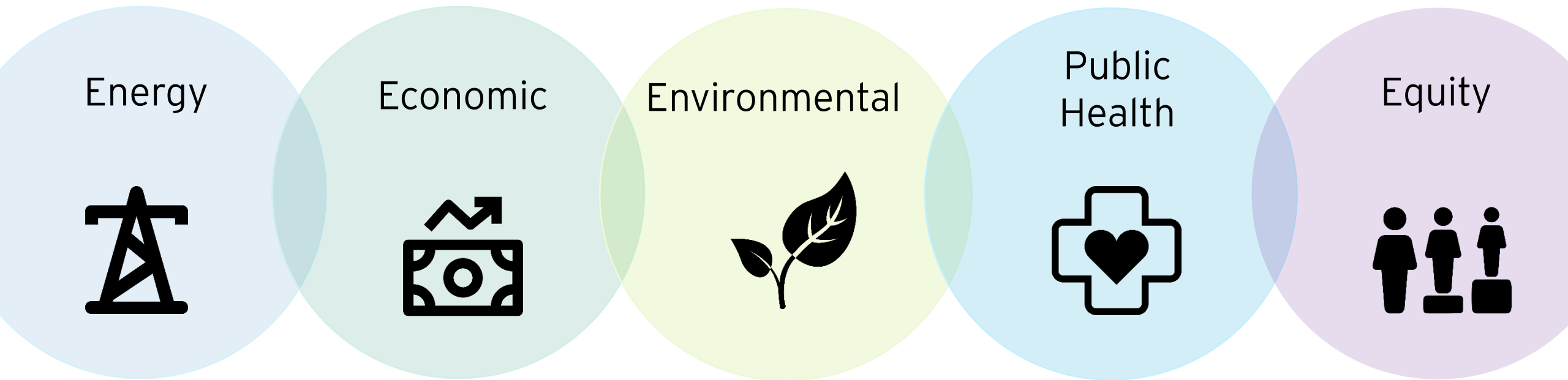
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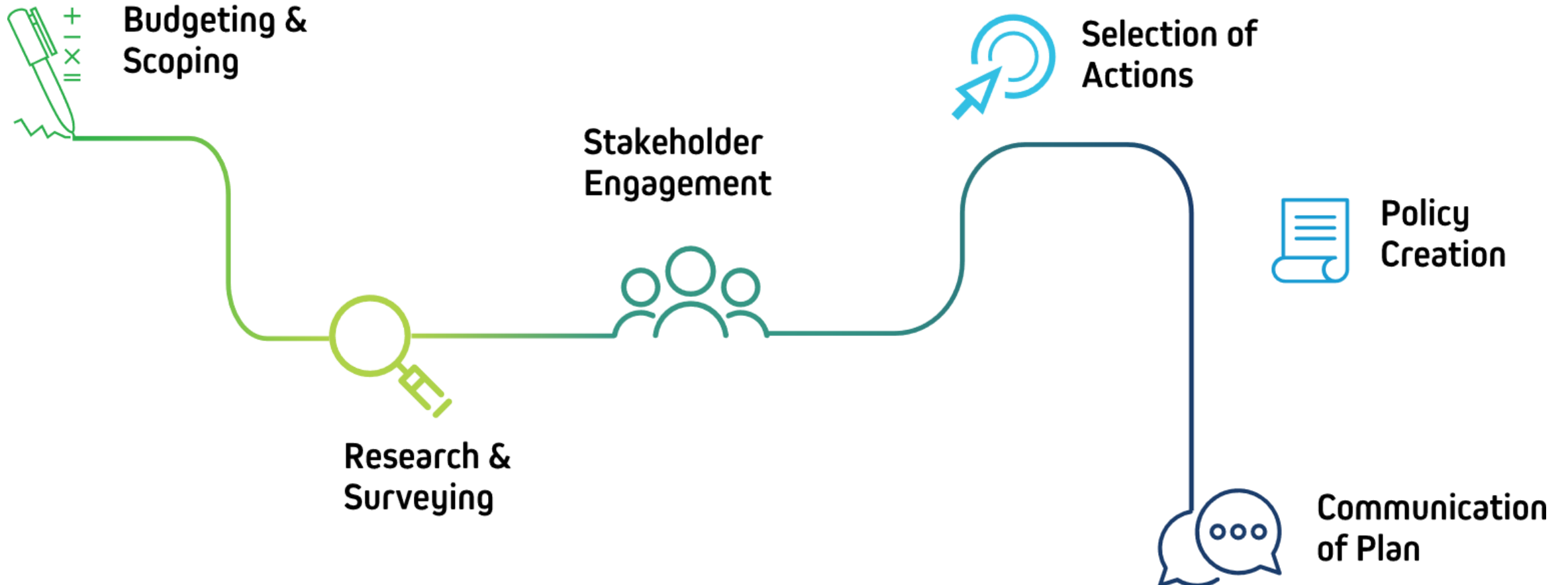
Gather
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Holistic Planning Framework

Focused on the benefits of carbon mitigation:



How We Can Center Equity



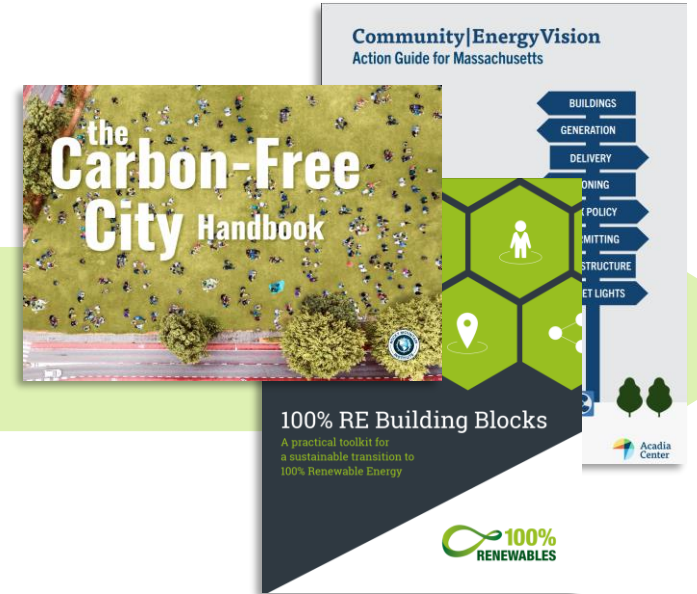
What is a Net Zero Plan?



Quantitative goals & impacts
Large-scale planning & engagement processes



Detailed implementation plans
Interim milestones (qualitative & quantitative)
Large-scale planning & engagement processes



National/state roadmaps
and guidebooks on
community action

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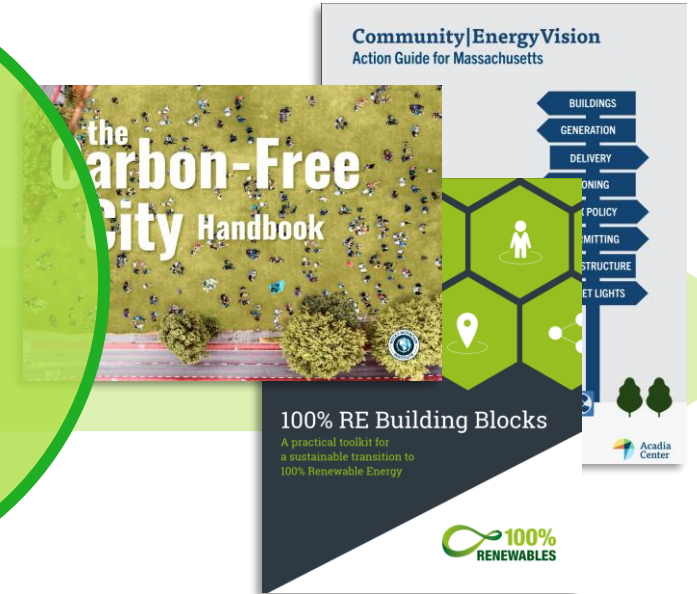


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Our Planning Sweet Spot



National/state roadmaps and guidebooks on community action

How to Use MAPC's Net Zero Playbook **START HERE**

Guiding Frameworks

Framework for Action

Learn how to navigate the Net Zero planning process and evaluate priority actions for a local net zero plan.

Framework for Equity

Learn how to develop Net Zero Plans that assess and acknowledge existing inequities and work to uplift and provide direct benefits to underserved communities.

Zero Emissions Mobility

Tackle GHG emissions reductions from how people get around a community.



Net Zero Buildings

Make buildings highly efficient and optimize clean energy for electricity, heating, and cooling.



Clean Energy Supply

Transition to 100 percent renewable sources of energy across a community.



CHOOSE YOUR OWN ADVENTURE

Climate-Smart Zoning and Permitting

Take a strategic approach to local zoning and permitting updates.



WHAT'S NEXT?

As our work with communities expands, we plan to continue to add and update chapters to the Playbook that touch on emerging best practices.

WWW.MAPC.ORG/NET-ZERO

Contact Information



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Check out our planning resources at:

<https://www.mapc.org/net-zero>

*Join us on November 22 for our Playbook
Launch Webinar!*

<https://mapc.ma/playbooklaunch>