



Local Governments
for Sustainability



Climate Action Planning Institute Dutchess County

Session 6: Government
Operations GHG Inventories:
Data Collection, Part 2

March 15, 2023



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Agenda

Your GHG inventory is (nearly) complete.
Now what?

Forecasting and Target-Setting

Stakeholder engagement in Climate
Planning

UNDERSTANDING COMMUNITY PRIORITIES

FORMAL PLANNING

SPRING - SUMMER 2017
PHASE ONE

6

focus groups

3,900

residents reached through phone, online, and in-person citywide surveys

18

pop-up conversations across all eight wards

FALL 2017 - SPRING 2018
PHASE TWO

7

topic-specific working groups developed recommendations

PLAN RELEASE

SUMMER -WINTER 2018
PHASE THREE

3

citywide meetings to
better understand
community priorities

June

released draft
framework

August

released draft
plan

December

finalized
plan



Forecasting and Target-Setting

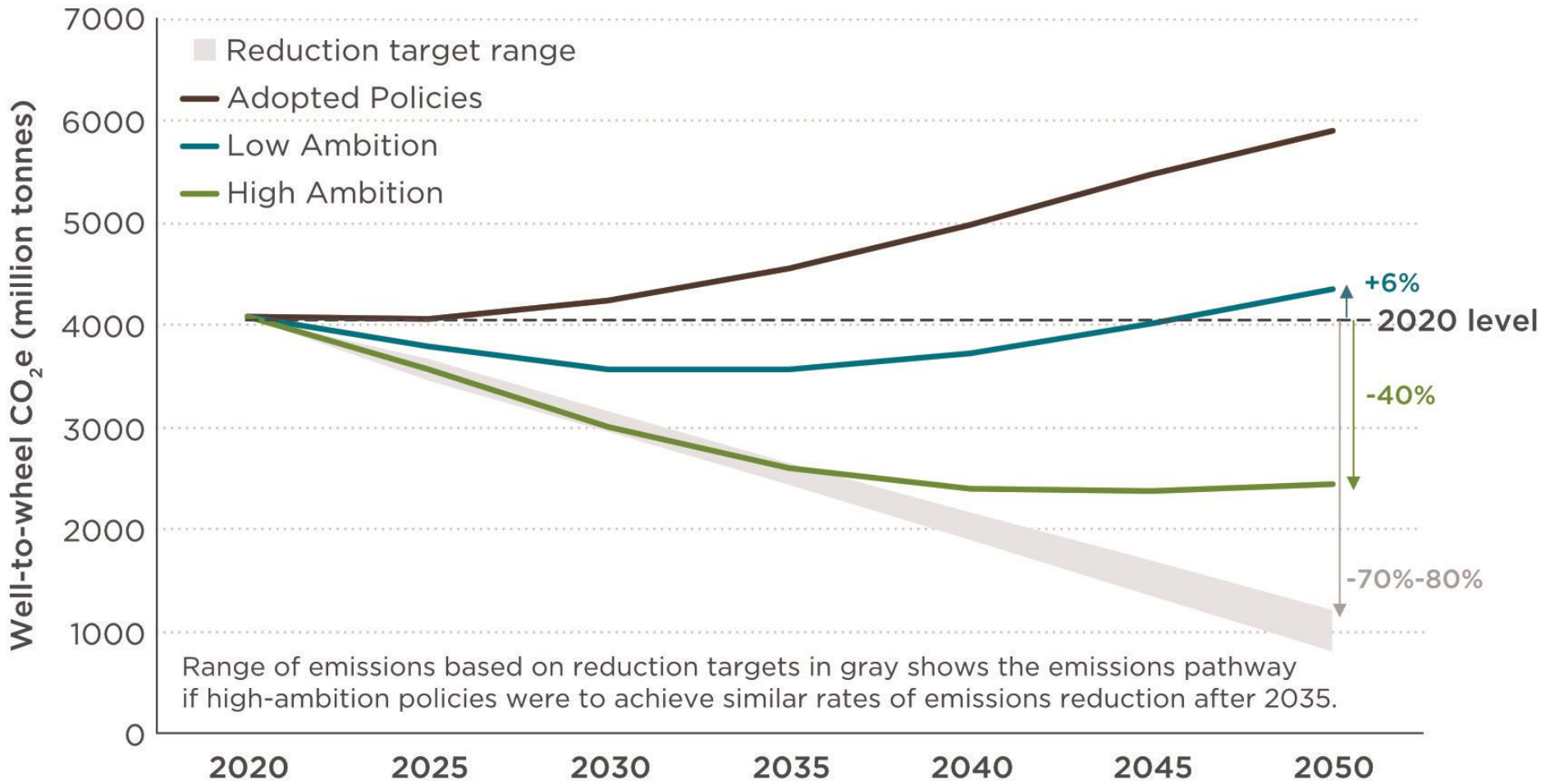


Establishing Reduction Targets



- **GHG Inventory** reveals current emissions
- **A Forecast** projects future emissions
- **A Target allows a local government to quantify its commitment** to fighting climate change.

Include clear dates (targets and baselines), emissions levels (%), and GHGs covered (CO₂ only or all GHGs measured in CO₂-equivalent (CO₂e))



Types of Targets



- **Most common: Percentage emissions reductions by a certain date**
 - Include baseline year that reductions are measured from
 - Ex. 30% reduction below 2005 GHG emissions by 2025
- **Decarbonization**
 - Reducing proportion of CO₂ or GHGs, in energy, industry, transport, etc.
 - “Full decarbonization” is producing 0 emissions without sequestration
- **Carbon or climate neutrality**
 - Net-zero human-caused CO₂ or GHG emissions by a set date
 - Emissions removal/sequestration must compensate for all emissions
- **Net-zero carbon or GHG emissions**
 - Similar to neutrality, but sometimes associated with offsets

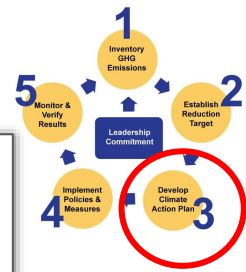
Establishing Reduction Targets



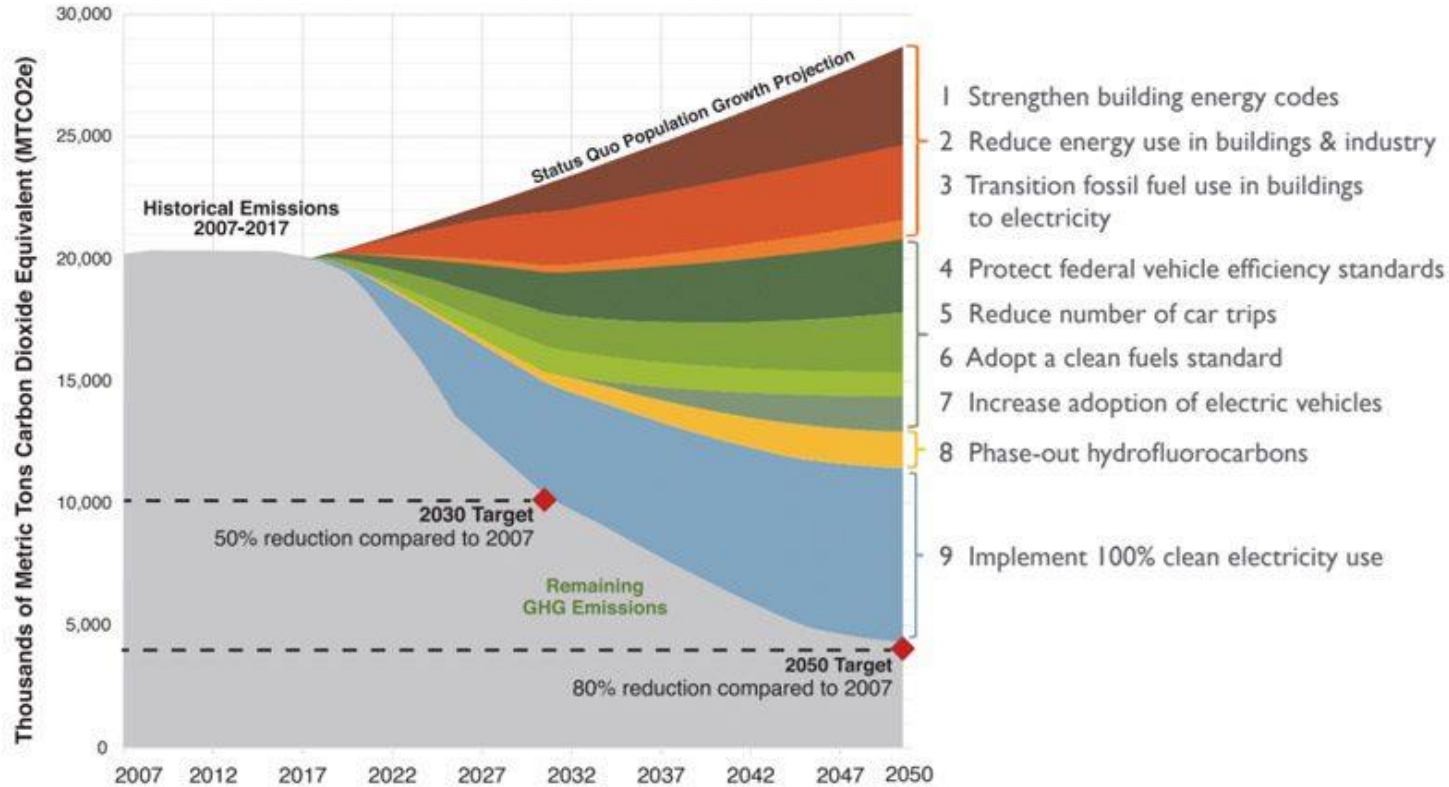
- **Science-Based Targets are:**

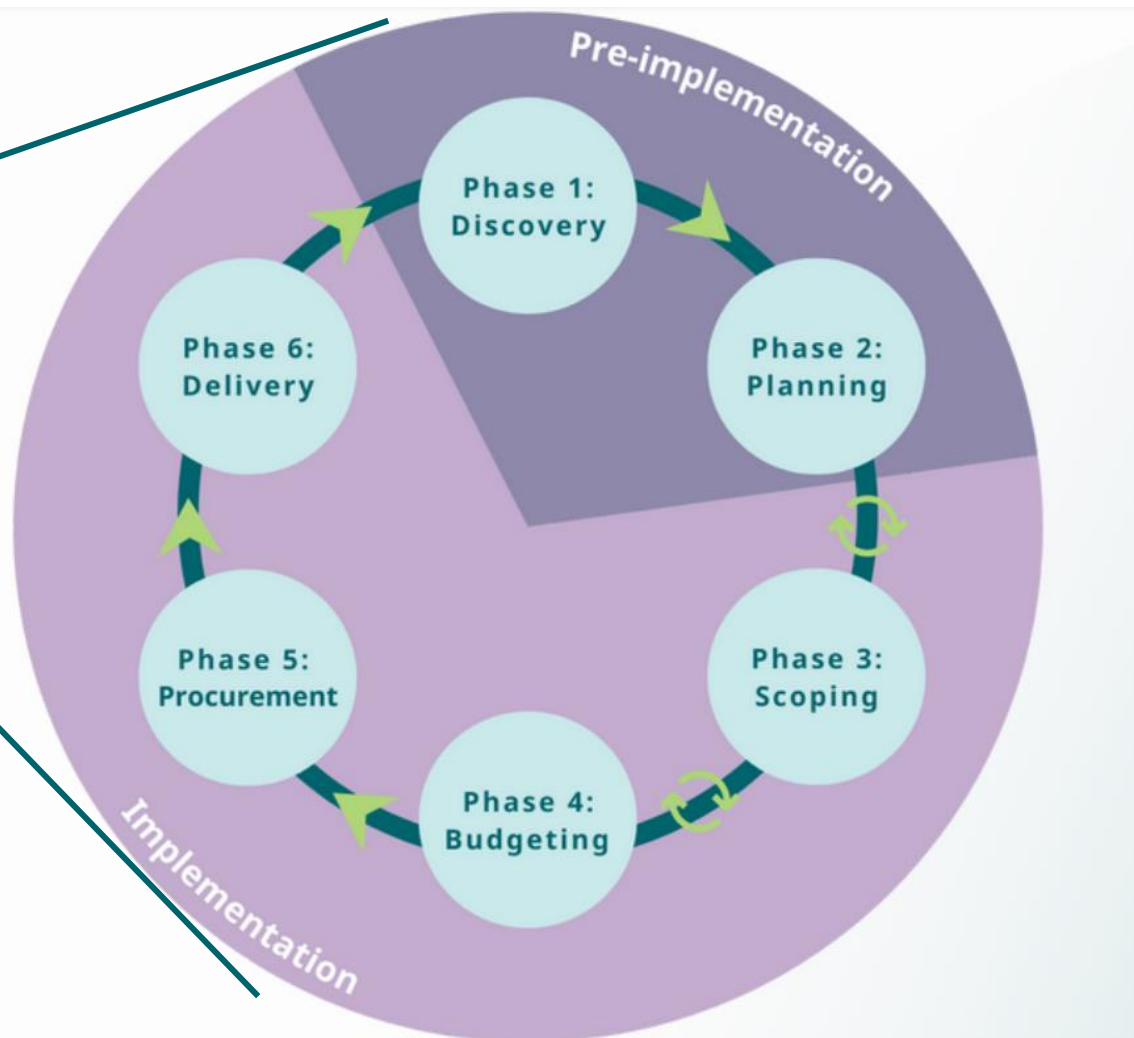
- Measurable, actionable, and time-bound climate targets (2030)
- Aligned with Earth’s limits (1.5°C) and societal sustainability goals
- SBTs consider **Equity**, the **Carbon Budget**, and a **Fair Share**.
 - Scaled goals for countries/jurisdictions with different capacities and different responsibilities
 - Ambitious goals for high capacities (GDP/capita) and large responsibilities (GHG/capita)

Identify Actions and Develop Climate Action Plan



King County Wedge Analysis to Achieve Shared Countywide GHG Targets





Stakeholder Engagement In Government- Operations Climate Action Plans



Formative

Advanced



Leadership Support	<input type="checkbox"/> No engagement Management 1	<input type="checkbox"/> Management has been engaged or briefed 2	<input type="checkbox"/> Management has requested information or action 3	<input type="checkbox"/> Management is seeking or pursuing resources or policy development 4	<input type="checkbox"/> Management has approved budget resources and assigning responsibilities for delivery 5
Agency	<input type="checkbox"/> No recognition of the role(s) of government 1	<input type="checkbox"/> Limited understanding of departments and services 2	<input type="checkbox"/> Ability to identify critical services and resources 3	<input type="checkbox"/> Understanding of key people and decision process 4	<input type="checkbox"/> Ability to navigate budget and policy making process 5
Capacity: Staffing	<input type="checkbox"/> No assigned staff 1	<input type="checkbox"/> 1-2 staff assigned to acting on determined projects 2	<input type="checkbox"/> Cross Department communication is functional and occurring 3	<input type="checkbox"/> Multiple departments and agencies are engaged and assigned responsibilities 4	<input type="checkbox"/> Clear demonstration of cross department capabilities to execute identified project 5
Capacity: Fund-alignment	<input type="checkbox"/> Zero budget available 1	<input type="checkbox"/> Budget resources or program budget in development 2	<input type="checkbox"/> Budget resources are identified and integrated into budget cycle 3	<input type="checkbox"/> Budget reflect and are approved by governing body 4	<input type="checkbox"/> Resources are budgeted and allocated 5
Community Involvement	<input type="checkbox"/> No community engagement has occurred 1	<input type="checkbox"/> Community has been notified of project 2	<input type="checkbox"/> Community's input has been solicited and meaningfully incorporated 3	<input type="checkbox"/> Community members are active stakeholders in project development 4	<input type="checkbox"/> Community members are co-investors or co-developers working towards delivery 5
Partnerships	<input type="checkbox"/> Project has no partners 1	<input type="checkbox"/> Project is working to identify potential collaborations 2	<input type="checkbox"/> Key partners are identified and being engaged 3	<input type="checkbox"/> Partners are engaged and co-creating program delivery design 4	<input type="checkbox"/> Partnerships have a formal agreement and outline of expectations 5

Formative

Advanced



Leadership Support

No engagement
Management

1

Management has
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briefed

2

Management has
requested
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action

3

Management is
seeking or
pursuing
resources or
policy
development

4

Management
has approved
budget resources
and assigning
responsibilities for
delivery

5

Formative

Advanced



Agency

No recognition of
the role(s) of
government



1

Limited
understanding of
departments and
services



2

Ability to identify
critical services
and resources



3

Understanding of
key people and
decision process



4

Ability to navigate
budget and policy
making process



5

Formative

Advanced



Capacity: Staffing

No assigned staff

1

1-2 staff assigned
to acting on
determined
projects

2

Cross Department
communication is
functional and
occurring

3

Multiple
departments and
agencies are
engaged and
assigned
responsibilities

4

Clear
demonstration of
cross department
capabilities to
execute identified
project

5

The Communications Equation



Objective

Audience

Unique Value
Proposition

Channels

Facts

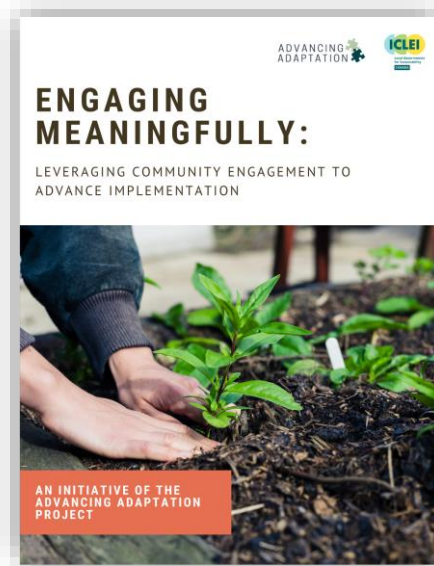
= good communications

(effective, interesting, funny, thought-provoking, life-changing)

Climate & Sustainability Communications Resources



[Climate & Sustainability Communications Member Toolkit](#)



[Engaging Meaningfully: Leveraging Community Engagement to Advance Implementation](#)



[The Ambition Gap: From Intent to Implementation in Local Climate Action – Policy Brief](#)

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