



Advancing Local Sustainability Action

April 17, 2019



ICLEI has a unique role in
global climate action



U.S. POPULATION IN ICLEI MEMBER CITIES AND COUNTIES

60,436,272

POPULATION UNDER 100,000

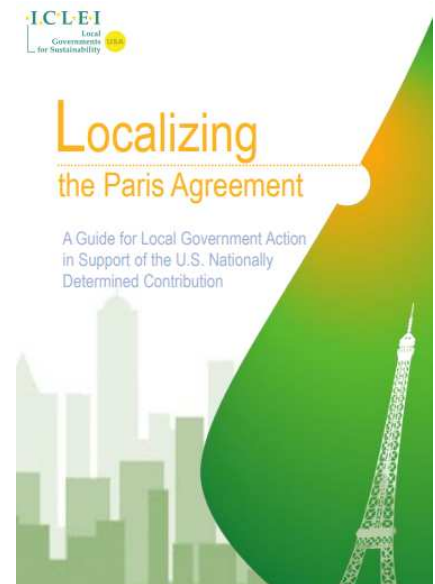
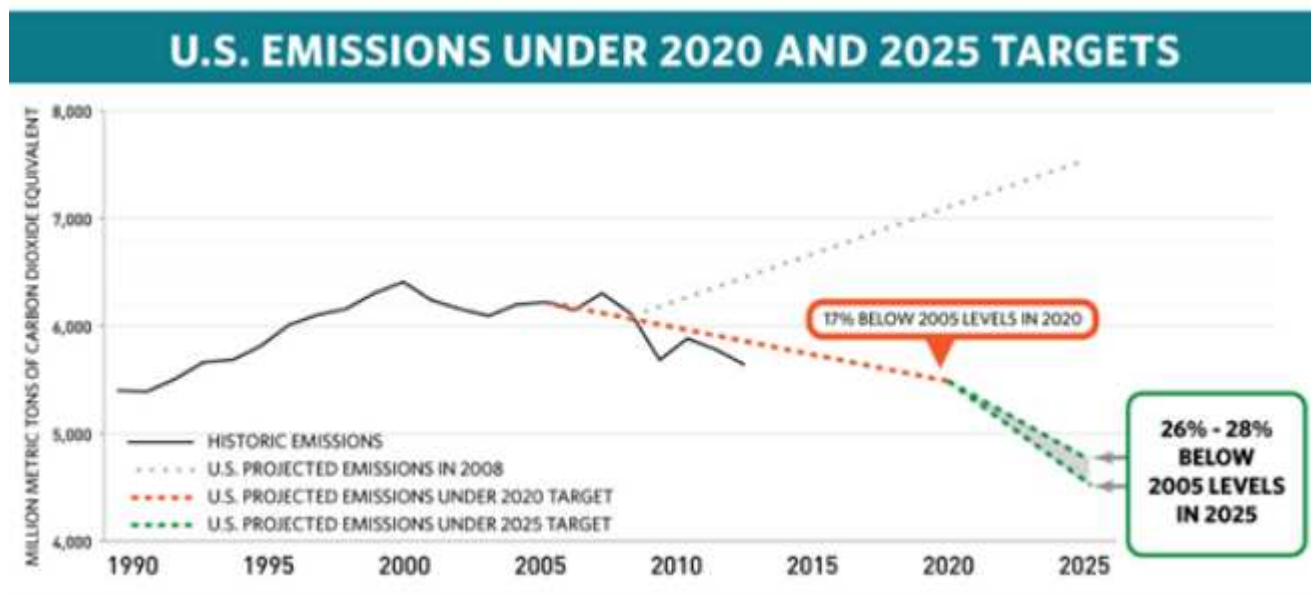
62%

ICLEI USA network

U.S. NDC calls for 26-28% below 2005 levels by 2025

Cities and counties are raising this bar

Figure 1: U.S. GHG emissions projections for NDC target (Source: [U.S. NDC](#))



<http://icleiusa.org/publications/>

ICLEI's Sustainability Framework

SCALE UP
AND EXPAND THE MODEL OF
SUSTAINABLE
CITIES AND REGIONS

MAKE SUSTAINABILITY A
FUNDAMENTAL
PART OF ALL LOCAL AND
GLOBAL DEVELOPMENT

TACKLE THE MOST
PRESSING ISSUES
OF OUR TIME TO PROTECT THE
LONG-TERM INTERESTS OF
CITIZENS

UNDERTAKE A
COLLECTIVE
EFFORT
FOR GLOBAL CHANGE ACROSS ALL
SECTORS AND LEVELS OF GOVERNMENT

LOW EMISSION
DEVELOPMENT



RESILIENT
DEVELOPMENT



CIRCULAR
DEVELOPMENT



EQUITABLE AND
PEOPLE-CENTERED
DEVELOPMENT



NATURE-BASED
DEVELOPMENT



ICLEI brings sustainability planning into communities through:

- Convenings
- Peer-city networks
- Cohort Trainings
- Tools & Protocols
- Resources and Best Practices



ICLEI is your peer-city network

Global

100% Renewable Energy

Cities and Regions Network

Renewable Energy



Biodiversity and nature-based solutions



Regional food systems



Sustainable procurement

Opportunities for Action: **ICLEI Cohort Training Series**



ICLEI Local Governments for Sustainability **USA**

Apply by February 8

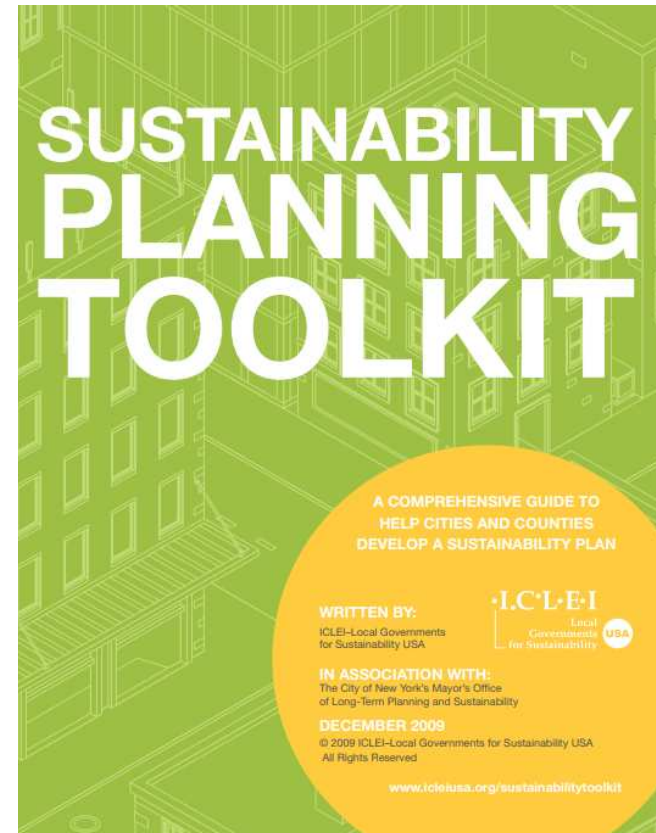
2019 ICLEI Climate Action Planning Cohort Training Session

A 12-week technical assistance offering free to ICLEI member local governments

Photo by Eamonn O Muiri on Flickr



Sustainability Toolkit



Sustainability Toolkit

TOOLS/TEMPLATES

- Measure Analysis Template (in your toolkit folder)
- ICLEI's Climate and Air Pollution Planning Assistant (CAPPA) decision support tool for assessing the emissions reductions for various measures
- Sustainability Strategies Matrix
- Sample Outline
- Outreach and Communications Guide
- Playbook for Green Buildings + Neighborhoods website

Visit the [Action Center](#) on the ICLEI USA website for a variety of guidebooks, best practices, and implementation tools, including:

- ICLEI's Solid Waste and Recycling Guide
- ICLEI's Revolving Energy Fund Guide
- ICLEI's Outreach and Communications Guide
- ICLEI's Environmentally Preferable Purchasing Guide
- Model Ordinances



Sustainability Toolkit

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
STRATEGY	LEAD ACTOR			PRIMARY IMPACT			TIMEFRAME		POLICY AREA															
	Government	Business	Community	Government	Business	Community	Long Term	Short Term	Climate Change Mitigation	Climate Change Adaptation	Air Quality	Green Buildings	Energy	Food	Forestry	Housing	Land Use	Open Space	Procurement	Renewables	Transportation	Waste	Water	Economic, Social, Outreach & Misc
Use life cycle cost analysis in city purchasing decisions	x			x			x		x		x		x						x					
Purchase environmentally friendly (non-VOC) cleaning products	x			x				x			x								x					
Purchase environmentally friendly (non-VOC) paints	x			x				x			x								x					
Use environmentally friendly materials in construction	x			x				x											x					
Purchase furniture and flooring from sustainable sources	x			x				x	x										x					
Implement recycling and environmentally friendly purchasing in municipal shop operations (oil and fuel reuse etc)	x			x				x	x										x					
Buy recycled products where possible (eg paper for office printing)	x			x				x	x										x					
Implement a healthy school lunch program and buy local foods	x					x		x							x									x
Adopt a 'buy local' purchasing policy	x			x		x		x	x						x				x		x			x
Purchase only ENERGY STAR equipment and appliances for City use (including computers, kitchen equipment, vending machines etc). Negotiate prices by purchasing in bulk where feasible.	x			x				x	x		x		x						x					
Establish a hydrogen energy dispensing facility	x	x			x	x	x		x		x		x							x				
Generate electricity from wastewater methane	x	x			x	x	x		x		x		x							x			x	
Install an anaerobic digester at wastewater facilities	x	x			x	x	x		x		x		x							x			x	
Generate electricity from landfill methane	x	x			x	x	x		x		x		x							x		x		
Generate electricity from biomass	x	x			x	x	x		x		x		x							x				
Install a biodiesel fuel processor or biorefinery	x	x			x	x	x		x		x		x							x	x			
Install a cogeneration plant (generates																								

ClearPath

AN ICLEI **USA** TOOL



ICLEI Community portal

The screenshot displays the ICLEI Community portal interface, which is designed to help local governments grow knowledge, learn through self-paced training, and connect with peers and experts.

Grow knowledge with a targeted resource library

The top section features three main categories: **ADAPTATION & RESILIENCE**, **AGRICULTURE & FOOD SYSTEMS**, and **COMMUNITY ENGAGEMENT**. Below these, there are sections for **DATA MANAGEMENT** and **ENERGY**.

Learn via a self-paced training platform

The **Learning Tracs** section shows several training modules, including **Inventory Training** (marked as NOT STARTED) and **Forecasting Training** (marked as IN PROGRESS). Below this, there are sections for **ClearPath Inventories** (47 hrs 50 mins, 0% progress), **SEEC Inventories** (49 hrs 40 mins, 0% progress), **Members Inventory ...** (24 hrs 45 mins, 0% progress), and **SEEC Inventory Sess...** (26 hrs, 0% progress).

Connect with peers and experts through topic workstreams

The **Groups** section shows a list of active groups, including **100 RE**, **Temperate (Private)**, **Open Discussion**, **ClearPath Discussion**, **GHG Protocols**, and **Climate Equity**. The **Members** section lists the following members:

PHOTO	NAME	TITLE
	Michael Shankhoff	Program Manager, Tools and Technical Innovation
	Hjanz Ackley	Program Officer
	Angie Kyle	Executive Director
	Hoi-Fai Mok	Program Officer
	Katie Roberts	Program Officer, Network Relations

GHG Inventory Case: Red Hook, NY

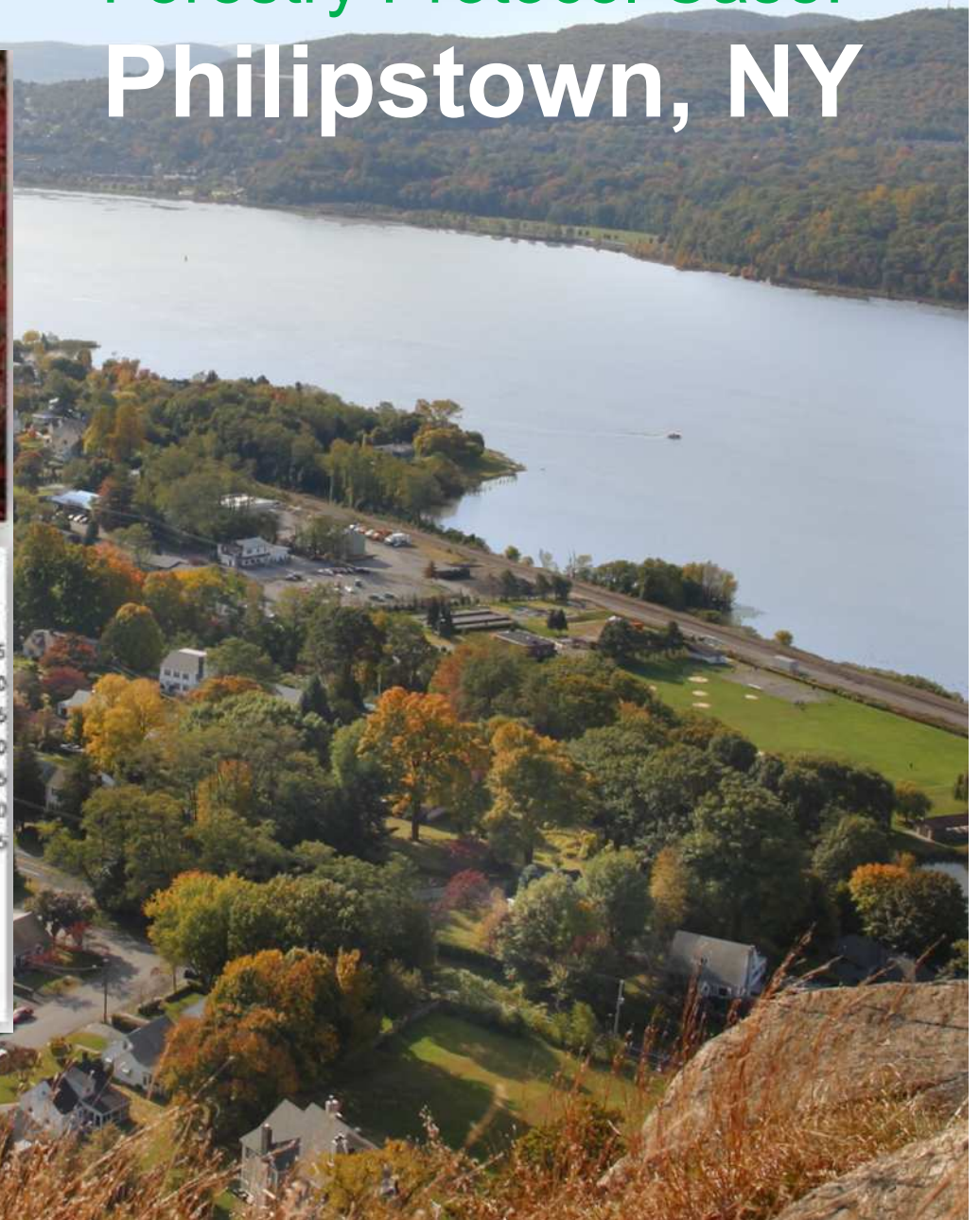
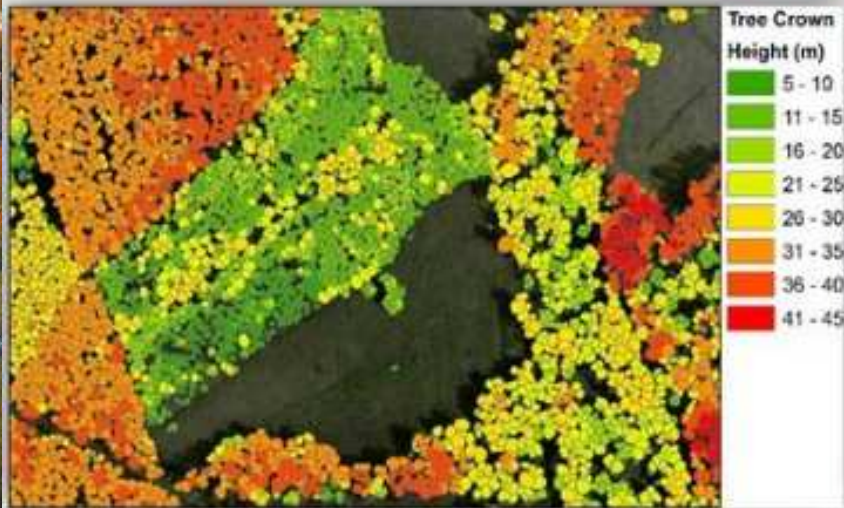
Sector	Total Tons CO2e
Gov. Operations	755
School District	2,791
Waste	3,488
Commercial	8,334
Bard College	16,571
Residential	45,929
Transportation	57,672
Total	135,540
20% Reduction	108,432

Gov. Operations	0.56%
School District	2.1%
Waste	2.6%
Commercial	6.1%
Bard College	12.2%
Residential	33.9%
Transportation	42.5%
	100%

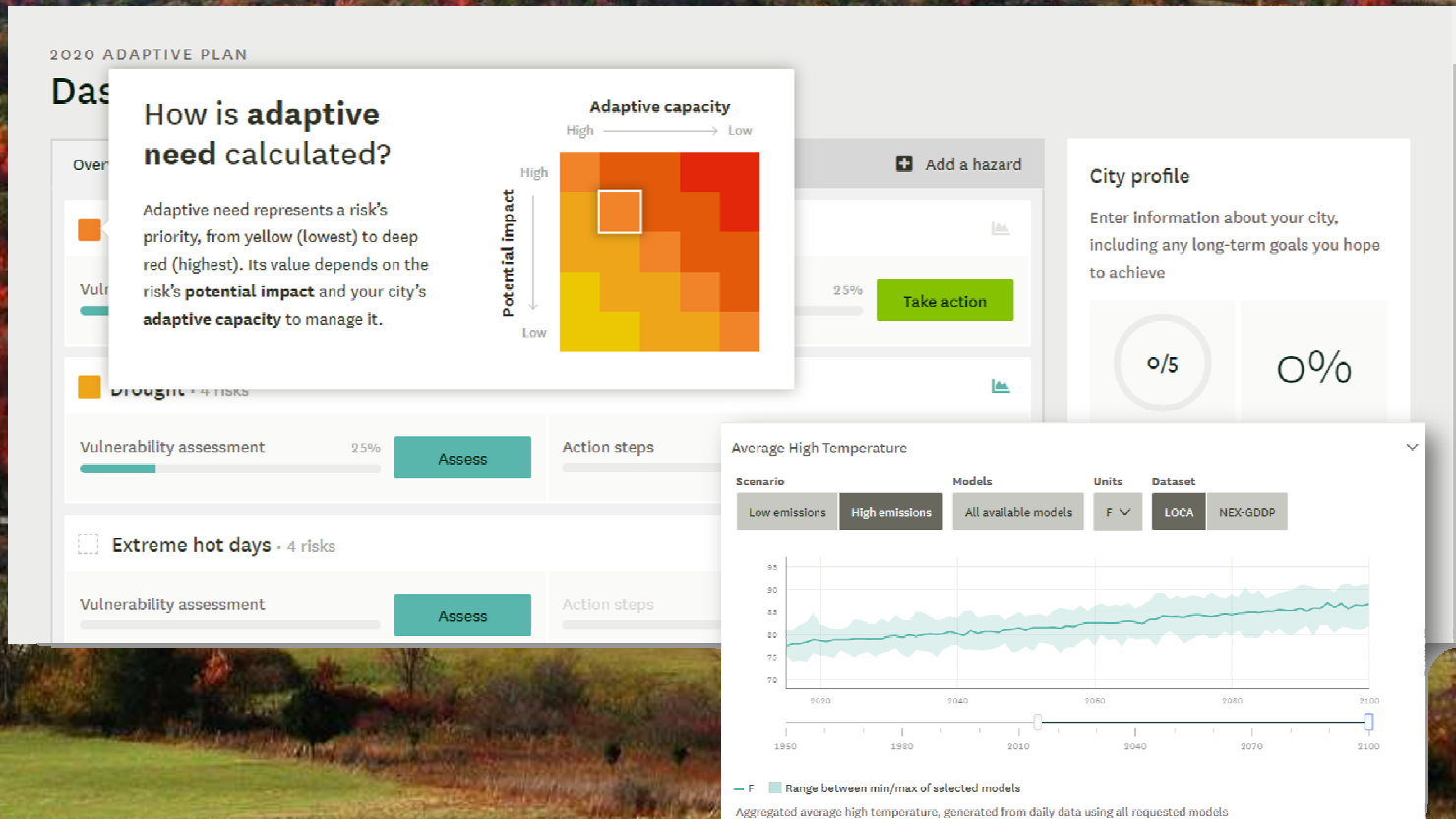


Forestry Protocol Case: Philipstown, NY

Tree tops
and crowns
with
detected
tree heights
and crown
projections



Resilience Case: New Paltz, NY



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