CARE Committee

From: Calyn Hart <calyn.hart@iclei.org>
Sent: Tuesday, March 02, 2021 4:38 PM
To: CARE Committee
Subject: ICLEI USA CARE presentation (3/3/21)
Attachments: CARE_ICLEI USA.pptx

Hello all,

Please see attached for my ICLEI Overview presentation for the CARE meeting tomorrow. Looking forward to speaking with you all then!

Best,
Calyn

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Calyn Hart
Program Officer
(she/her/hers)

M: Meet with Me
P: (617) 765-0101
W: www.icleiusa.org
N: Newsletter Sign-up

ICLEI
Local Governments for Sustainability

ANALYZE-ACT-ACCELERATE

ICLEI USA Overview

ICLEI – Local Governments for Sustainability

ICLEI is the leading local government network dedicated to sustainability and climate action. For 30 years, we've represented the voice of cities and counties on the global stage.

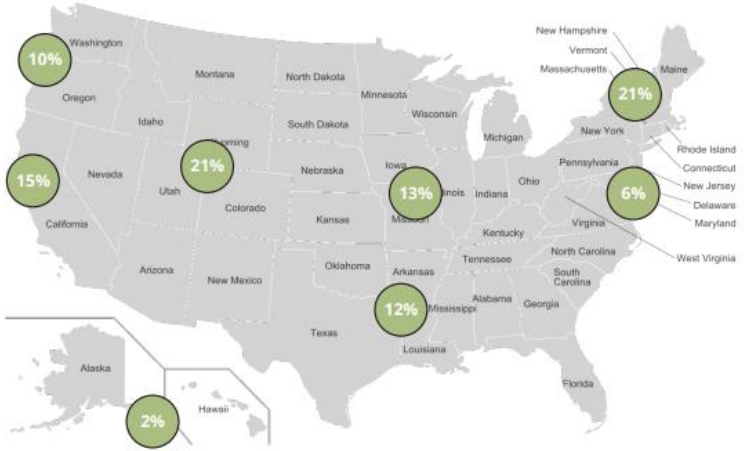
We are now 24-office strong!

ICLEI – Local Governments for Sustainability

ICLEI is the leading global network of more than 1,750 cities, towns and regions committed to building a sustainable future. As the *only organization serving counties, towns and cities of all sizes*, ICLEI provides technical assistance, tools and resources, and facilitates an interactive network of local climate leaders across the U.S. and globally.

We help local governments build capacity and knowledge to make more informed decisions using protocols, data and best practices to reduce carbon pollution and respond to an ever changing climate.

MEMBERSHIP PERCENTAGE BY REGION



U.S. POPULATION IN ICLEI MEMBER CITIES AND COUNTIES

60,436,272

POPULATION UNDER 100,000

62%

The ICLEI USA team

Angie Fyfe
Executive Director

Here to help with:

- **Strategic Initiatives**
- **Advocacy and International Collaboration**
- **State Government Policy**
- **Energy Efficiency and Conservation Block Grant** (EECBG)

Calyn Hart
Program Officer

Here to help with:

- **Low-Emission Development**
- **Nature-based Development**
- **Equitable & People-Centered Development**

Anna Tiajoloff
Program Associate

Here to help with:

- **Internal ICLEI Support**
- **Social Media**

Eli Yewdall
Senior Program Officer

Here to help with:

- **Low-Emission Development**
- **Circular Development**

Jesse Carpentier
Program Officer

Here to help with:

- **Resilient Development**
- **Equitable & People-Centered Development**

Tom Herrod
Senior Program Officer

Here to help with:

- **Low-Emission Development**
- **Circular Development**
- **Nature-Based Development**

Kale Roberts
Senior Program Officer

Here to help with:

- **Network Coordination & International Collaboration**
- **Nature-based Development**
- **Resilient Development**

Matthew Katz
Program Officer

Here to help with:

- **Low-Emissions Development**

Sarah Ditton
Climate Communications Associate

Here to help with:

- **Communications**
- **Food Systems**

5 Pathways

Low Emissions

Nature-Based

Equitable & People-Centered

Resilient

Circular

GreenClimateCities™

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ICLEI Member Journey

Ann Arbor, MI Member Journey

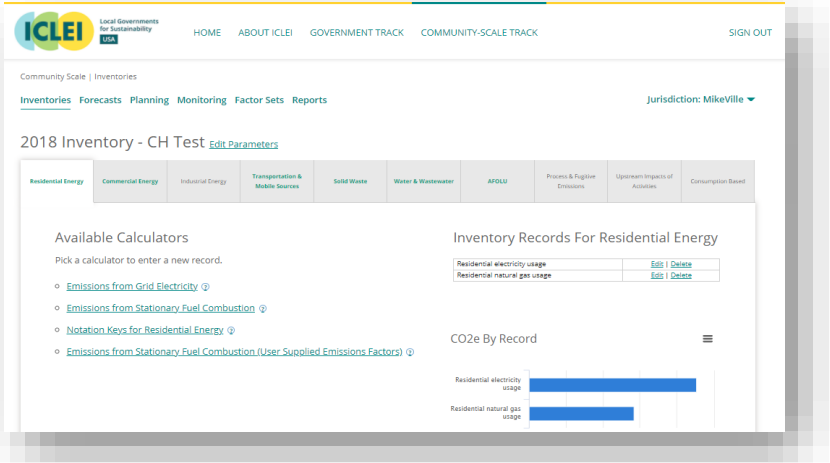
TASKS	2021							
	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
LOW-EMISSIONS PATHWAY								
Community-wide GHGI								
LGO GHGI								
Provide EIE Links	x							
Provide CBEI cohort	x							
Send links regarding supply chain cohort	x							
RESILIENT PATHWAY								
Adaptation Planning Toolkit		x						
Annual Integrated Climate Action Planning Cohort			x					
ICLEI Community Resilience Neighborhood				x	x			
EQUITY AND PEOPLE-CENTERED PATHWAY								
Equity toolkit					x			
ICLEI Sustainability Toolkit				x	x	x		
Sustainability Plan Expert Review				x				
CIRCULAR PATHWAY								
Sustainable Public Procurement Policy technical support						x	x	

By pathway or project

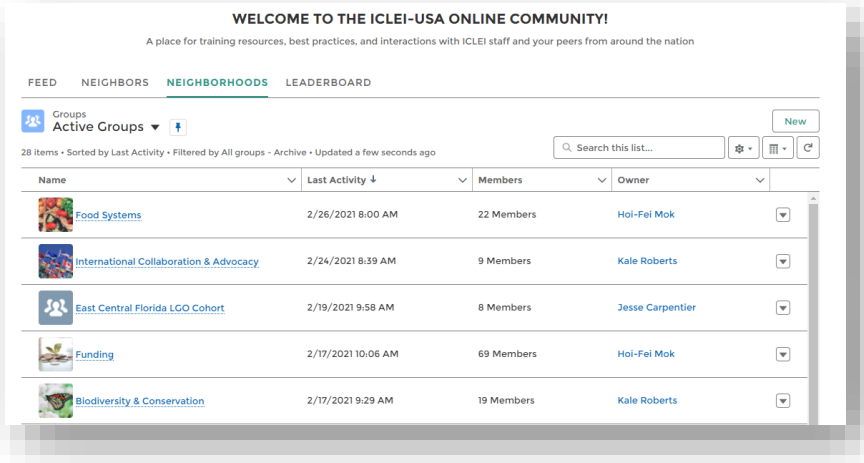
Resources when you need them

ICLEI USA Tools

ClearPath Tool & ICLEI Community



ClearPath

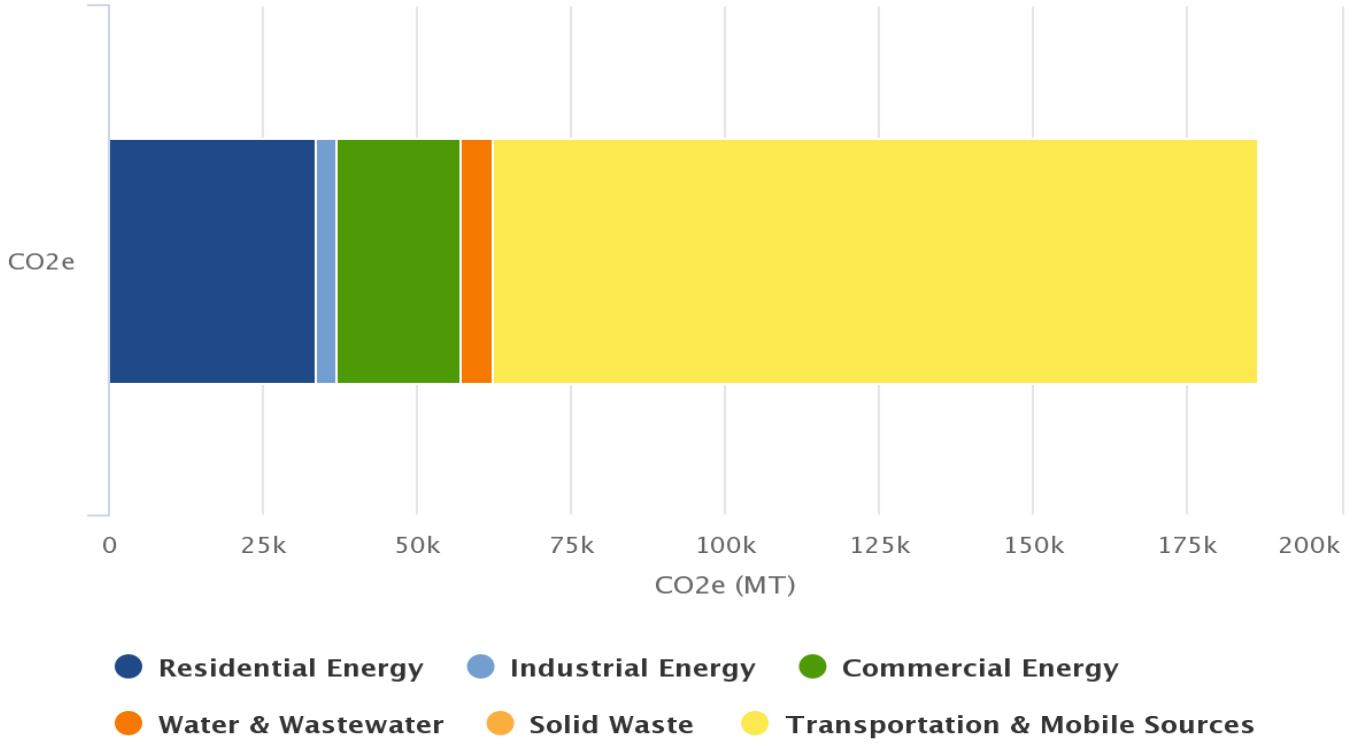


ICLEI Community

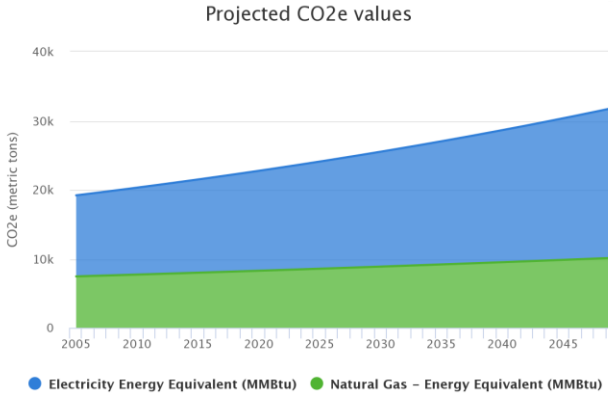
ClearPath

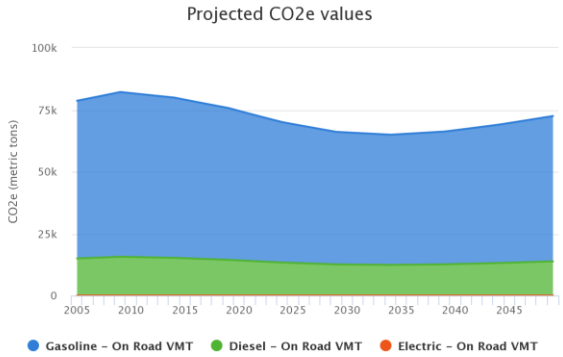
- User-friendly interface with easy data entry and calculators
- Online, “Cloud-Based” Application
- Collaboration supported w/ multiple users per jurisdiction and multiple jurisdictions per user
- Secure data storage
- Remote support and training curriculum with data collection templates
- Track progress over time
- Constant development mode

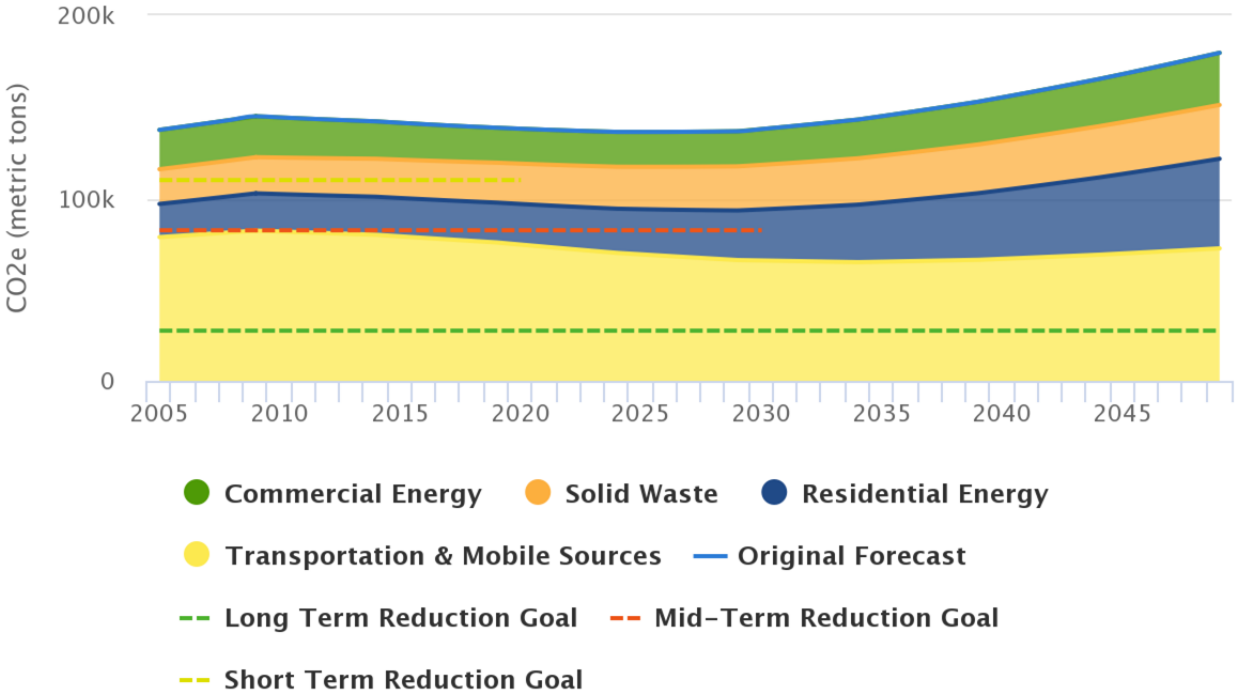
Inventory Module



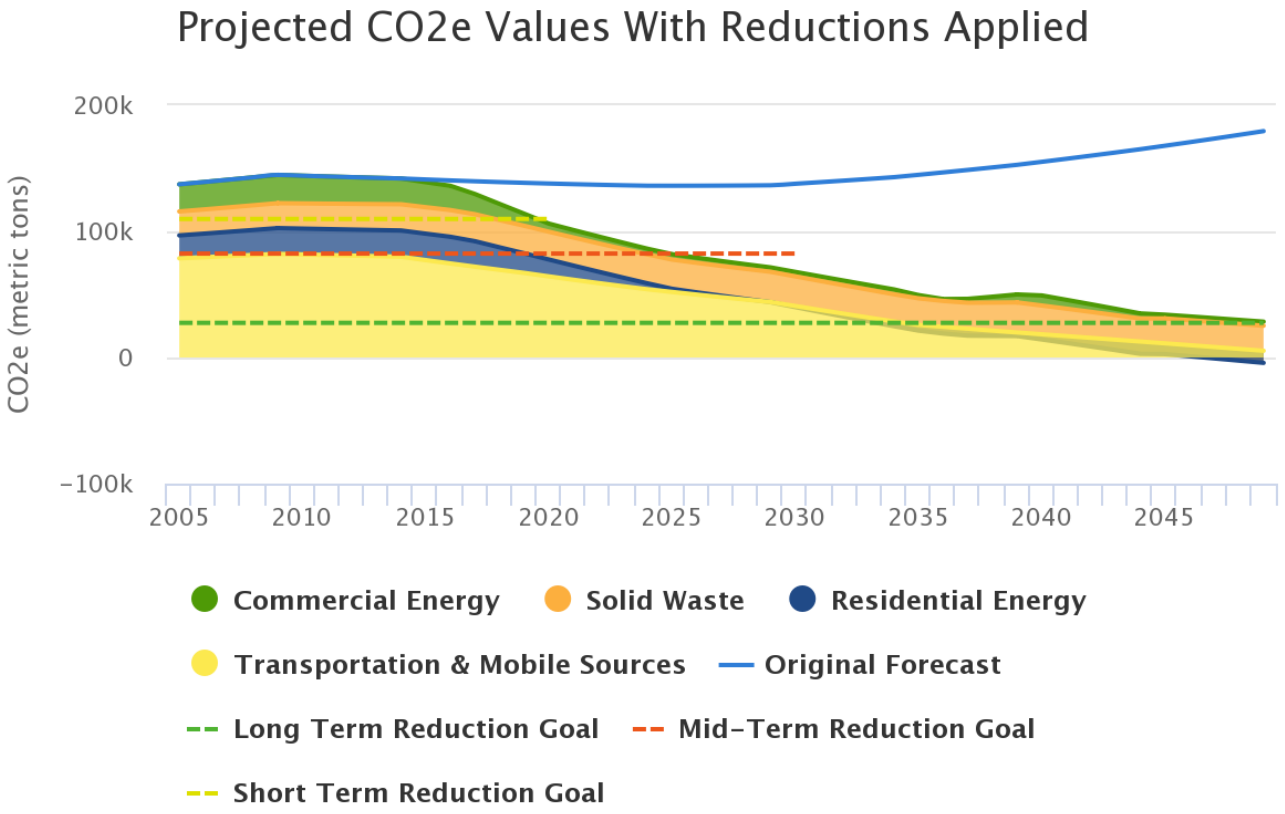
Forecasting Module







Planning Module



Monitoring, Tracking & Reporting

Implementation Efficacy

Comparison of CO2e reductions of Monitoring Records to linked Reduction Measure Records

		2014	2016
Title 24 Commercial / Annual Electric Savings (MMBtu / Year) - Usage	Planned	90077.0	90077.0
	Achieved	3412.0	170600.0
	Impact Gap	-86665.0	80523.0

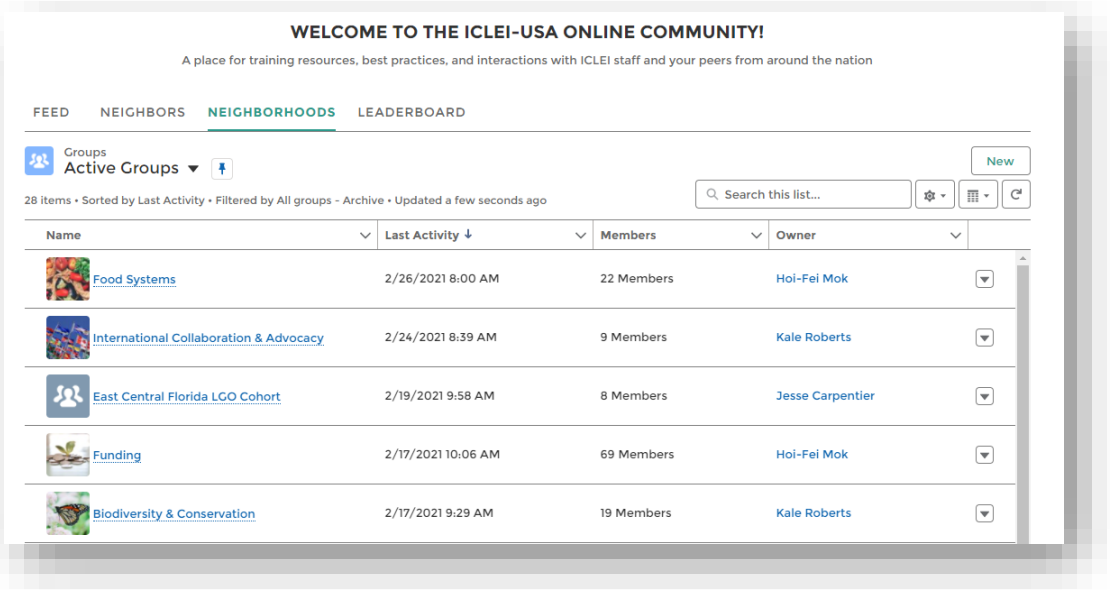
		2014	2016
Title 24 Commercial / Annual Electric Savings (MMBtu / Year) - CO2e	Planned	2670.1446664879795	2435.238689453699
	Achieved	0.091441	5.0
	Impact Gap	-2670.0532254879795	-2430.238689453699

		2014	2016
Title 24 Commercial / Annual Gas Savings (MMBtu / Year) - Usage	Planned	27000.0	27000.0
	Achieved	11000.0	10000.0
	Impact Gap	-16000.0	-17000.0

		2014	2016
Title 24 Commercial / Annual Gas Savings (MMBtu / Year) - CO2e	Planned	1435.1991412208909	1435.1991412208906
	Achieved	588.0	534.0
	Impact Gap	-847.1991412208909	-901.1991412208906

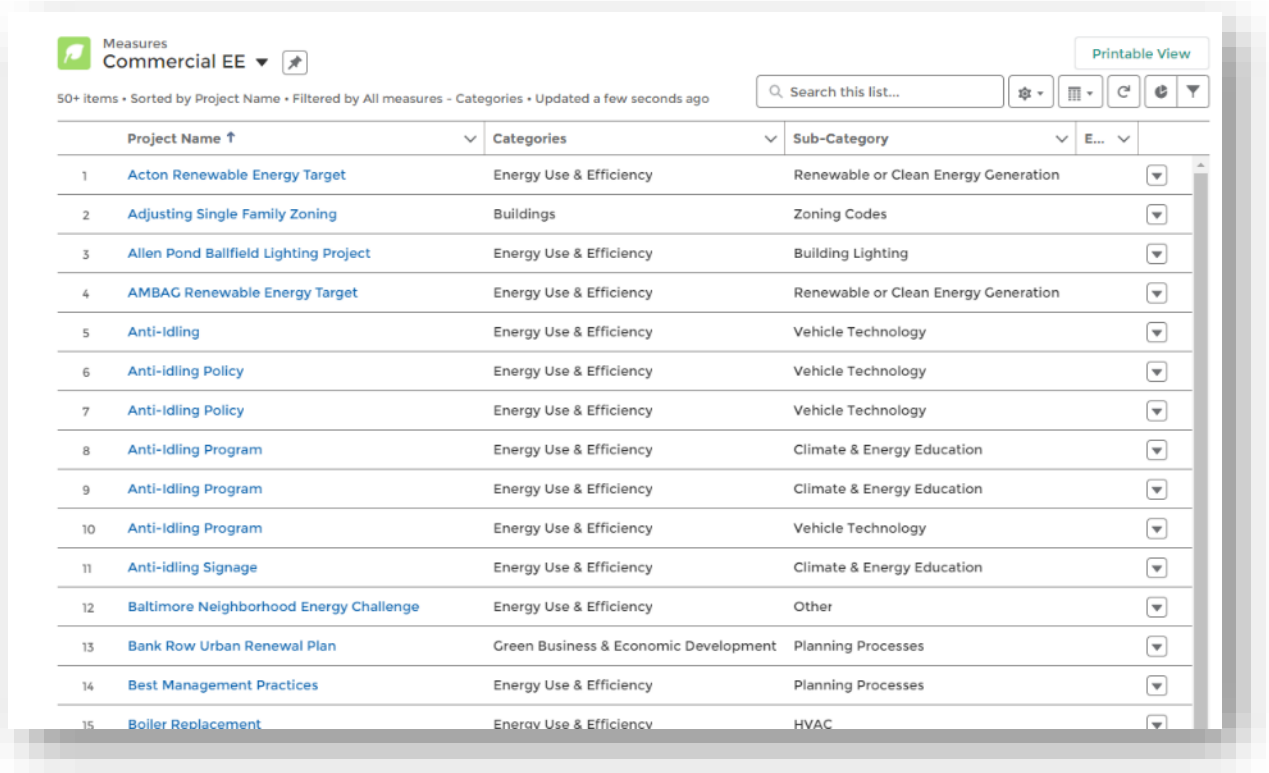
ICLEI Community

- Engage in live dialogue with 250+ local government staff from around the country
- View exclusive recorded trainings
- Download templates, guides and hundreds of sample plans



The ‘Replicate’ Community Actions Database

Your searchable collection of community climate and sustainability actions — by activity category, savings, GHG-mitigation potential, and other metrics



Measures
Commercial EE

Printable View

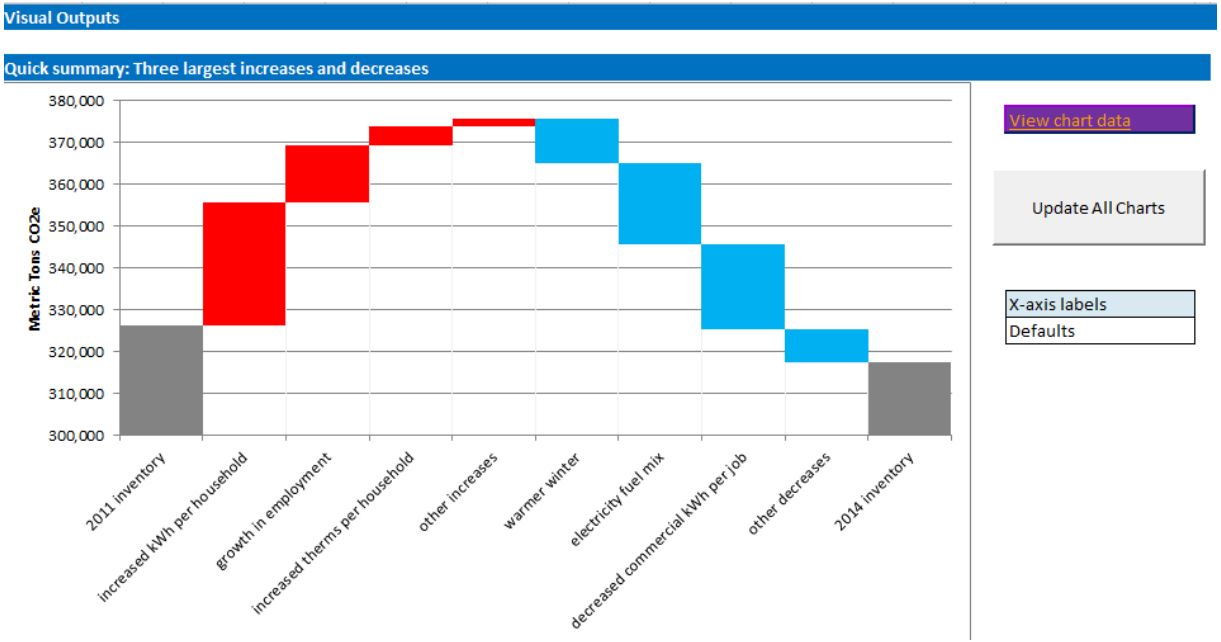
50+ items • Sorted by Project Name • Filtered by All measures - Categories • Updated a few seconds ago

Search this list...

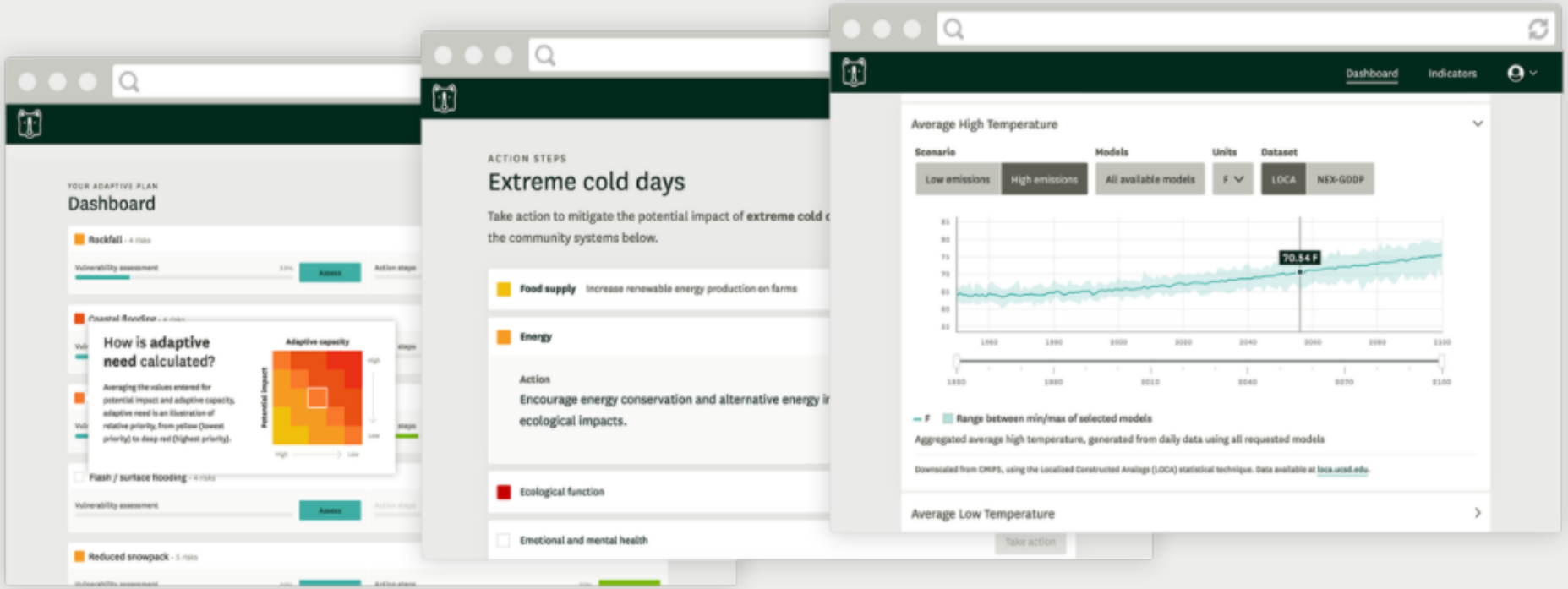
	Project Name	Categories	Sub-Category	E...
1	Acton Renewable Energy Target	Energy Use & Efficiency	Renewable or Clean Energy Generation	
2	Adjusting Single Family Zoning	Buildings	Zoning Codes	
3	Allen Pond Ballfield Lighting Project	Energy Use & Efficiency	Building Lighting	
4	AMBAG Renewable Energy Target	Energy Use & Efficiency	Renewable or Clean Energy Generation	
5	Anti-Idling	Energy Use & Efficiency	Vehicle Technology	
6	Anti-idling Policy	Energy Use & Efficiency	Vehicle Technology	
7	Anti-Idling Policy	Energy Use & Efficiency	Vehicle Technology	
8	Anti-Idling Program	Energy Use & Efficiency	Climate & Energy Education	
9	Anti-Idling Program	Energy Use & Efficiency	Climate & Energy Education	
10	Anti-Idling Program	Energy Use & Efficiency	Vehicle Technology	
11	Anti-idling Signage	Energy Use & Efficiency	Climate & Energy Education	
12	Baltimore Neighborhood Energy Challenge	Energy Use & Efficiency	Other	
13	Bank Row Urban Renewal Plan	Green Business & Economic Development	Planning Processes	
14	Best Management Practices	Energy Use & Efficiency	Planning Processes	
15	Boiler Replacement	Energy Use & Efficiency	HVAC	

Contribution Analysis

- Top emission drivers
- Red for emissions increase, blue for emissions decrease



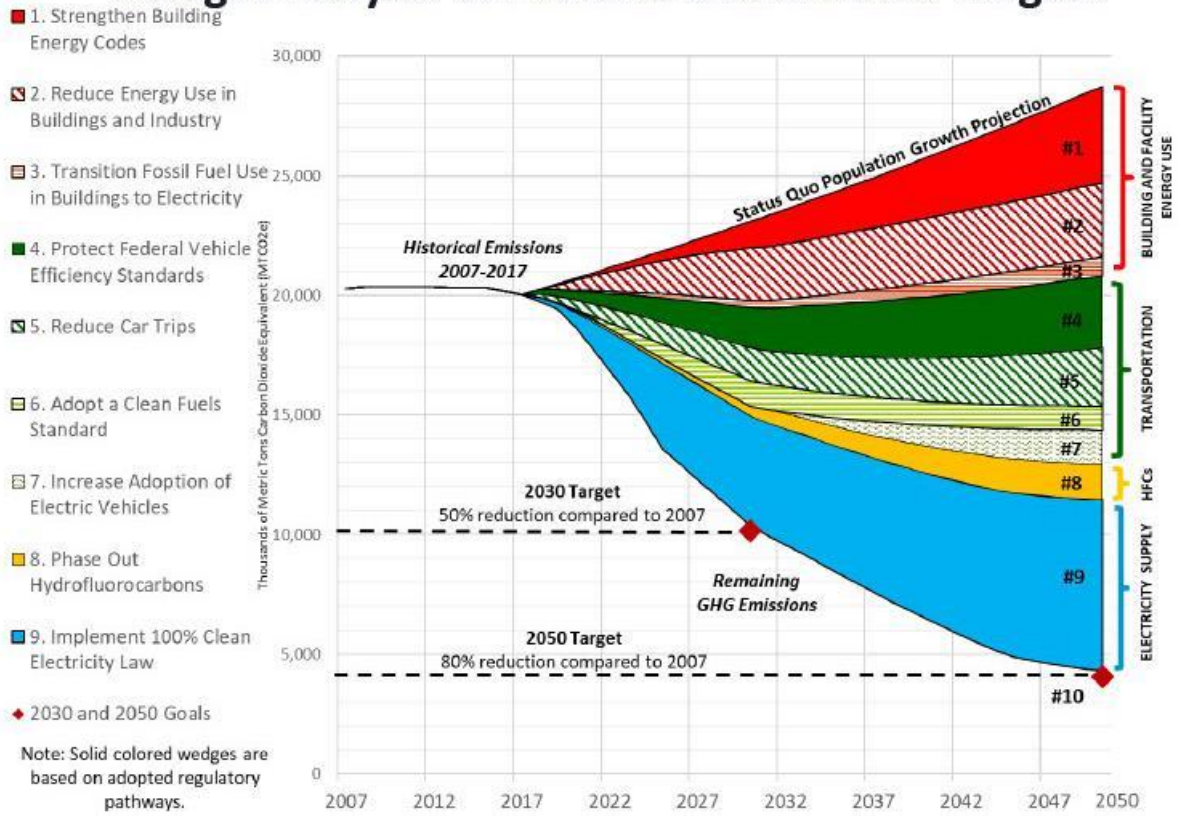
Temperate


YOUR ADAPTIVE PLAN
Dashboard
Rockfall
Vulnerability assessment
Assess
How is adaptive need calculated?
Adaptive capacity
Potential impact
Flash / surface flooding
Reduced snowpack
ACTION STEPS
Extreme cold days
Take action to mitigate the potential impact of extreme cold
the community systems below.
Food supply
Increase renewable energy production on farms
Energy
Action
Encourage energy conservation and alternative energy
ecological impacts.
Ecological function
Emotional and mental health
Take action
Dashboard
Indicators
Average High Temperature
Scenario
Low emissions
High emissions
Models
All available models
Units
F
Dataset
LOCA
NEX-GDDP
70.54 F
Range between min/max of selected models
Aggregated average high temperature, generated from daily data using all requested models
Downscaled from CMIP5, using the Localized Constructed Analogs (LOCA) statistical technique. Data available at loca.ucsd.edu.
Average Low Temperature

How We Work With Our Network

New Paltz Community-Driven Climate Vulnerability Assessment

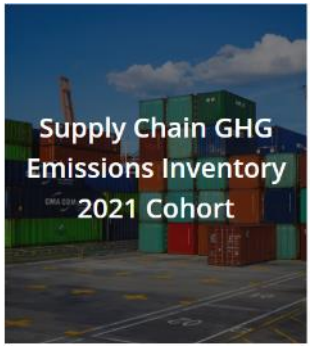
King County Communitywide Greenhouse Gas (GHG) Emissions Wedge Analysis to Achieve Shared GHG Targets



Hayward Unite2Green Youth Climate Equity Ambassadors

2021 Training Cohorts

ICLEI
Local Governments for Sustainability

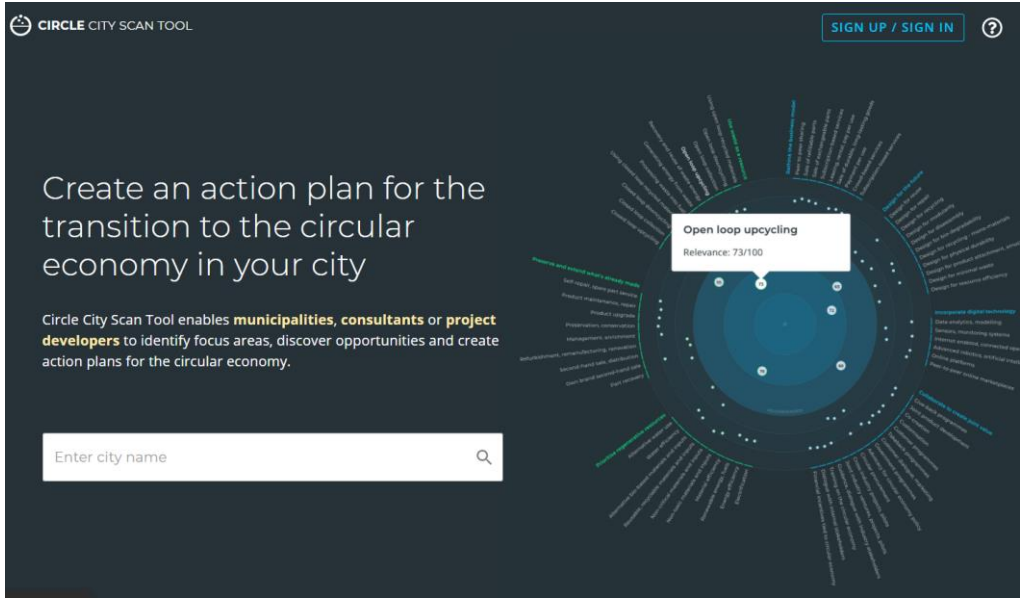


Circle Cities Scan Project

- **Phase 1 - Socio-economic Analysis** considers the current economic and socio-political situation to ensure a focus on relevant and impactful sectors.
- **Phase 2 - Material Flow Analysis** provides insight into the magnitude and nature of the material flows in the key sectors, in order to identify the most significant opportunities for circularity and positive impact.
- **Phase 3 - Circular Strategies** explores an array of possible circular strategies (e.g. pilot projects, infrastructure investments, policies) and estimates their potential impacts to facilitate choice between them.
- **Phase 4 - Action Plan** develops a plan for the implementation of the circular strategies, and elaborates on next steps needed in the short and medium term to ensure implementation.

2021 U.S. Pilot Five Cities / Counties

- **Regenerate**: **In synergy with nature**
  - Example: Japan water capture models or NEXUS project in South America
- **Rethink**: **Share**
  - industrial symbiosis, sharing schemes, as a service model
  - Example: Industrial symbiosis project in China
- **Reduce**
- **Reuse**: **Keep in use**
  - Baltimore´s Deconstruction and reuse program under Waste to Wealth
- **Recover**: **Make waste history**
  - Panaji 100+ composting and biogas stations



Questions?