



REGULAR MEETING – AD HOC SUSTAINABILITY AND RESILIENCE COMMITTEE AGENDA

**APRIL 9, 2025, 6:00 PM
BY ZOOM VIRTUAL MEETING**

To allow public access, anyone may access a meeting by telephone and/or Zoom, or a recording in the City of Norwalk YouTube channel. Specific instructions and links can be found at norwalkct.gov/meetings.



Members of the public may call in to participate. Callers will not be able to see the meeting participants. All participants will be muted upon entering the meeting. To speak, dial *9 on the phone and you will be called on by the host of the meeting during the public comment section. All speakers must state their name and address. Comments must be on a topic on the agenda, and are limited to three minutes. Anyone disrupting the orderly conduct of the meeting, including by using threatening, hateful, or sexually-explicit language, will be removed. Please find the information using the link above.



Members of the public who wish to provide "live comments" may also use the Zoom meeting platform. All participants will be muted upon entering the meeting. To speak, click the "raise your hand indicator" and you will be called by the host of the meeting during the public comment section. All speakers must state their name and address. Comments must be on a topic on the agenda, and are limited to three minutes. Anyone disrupting the orderly conduct of the meeting, including by using threatening, hateful, or sexually-explicit language, will be removed. Please find the information using the link above.



Members of the public who wish to provide public comment are encouraged to submit those via email in advance of the meeting. For these comments to be included into the record, they must be submitted by 12:00 p.m. the day of the meeting. Please email Jodi Trendler at Jtrendler@norwalkct.gov with the subject line "Public Comment" to provide written public comment prior to the meeting.

- I. CALL TO ORDER**
- II. ROLL CALL**
- III. PUBLIC PARTICIPATION**
- IV. ACCEPTANCE OF MINUTES**
 - A. Regular Meeting: February 12, 2025**
- V. NEW BUSINESS**
 - A. Director of Sustainability and Resilience Introduction**
 - B. Greenest City Initiative Discussion**
 - a. Earth Day Planning**
 - b. Global Covenant of Mayors Commitment**

VI. ADJOURNMENT

[MEET_FOOT]

**CITY OF NORWALK
AD HOC SUSTAINABILITY AND RESILIENCE COMMITTEE
FEBRUARY 12, 2025
VIA TELECONFERENCE**

ATTENDANCE: Johan Lopez, Chair; Josh Goldstein; Lisa Shanahan; Barbara Smyth;
Nora Niedzielski-Eichner; Heather Dunn (6:01)

STAFF: Katie O’Leary, Jodi Trendler, Tom Livingston

OTHER: Nick McCreary; Keramida,

I. CALL TO ORDER

Mr. Lopez called the meeting to order at 6:00 p.m.

II. ROLL CALL

The roll was called as reflected above.

III. PUBLIC PARTICIPATION

There was no public participation.

IV. ACCEPTANCE OF MINUTES

A. Approval of minutes of January 8, 2025 meeting

**** MS. SMYTH MOVED TO APPROVE THE MINUTES.**

**** THE MOTION PASSED UNANIMOUSLY**

V. NEW BUSINESS

A. Presentation on the Climate View platform given by Keramida Inc.

Mr. McCreary gave his presentation on the Climate View Tool. He discussed what he felt were the two main benefits of the tool. First is the presentation ability of the tool which is

better suited to the data than programs like Excel and Microsoft Suite. He then stated the most powerful aspect is how it works on the back end. The tool allows you to develop and constantly update a climate action plan. He explained this would help them stay on top of meeting the goals they set.

Mr. McCreary then presented a series of slides to demonstrate. They are as follows:

- Climate View organizes around transition elements included in the platform. He described what the transition elements were and how they could be used.
- A description of what every transition element represents: a Lever, a Change of Practice, or an Activity Shift. He gave an example of how it can be used to calculate the number of people shifting from internal combustion engines to public transportation. He stated that the platform has almost all the transition elements that are theoretically possible, but includes the ability to create custom elements if necessary.
- The various in-depth features that come with the platform can be used when setting goals. The features include: forecasting, backcasting, and target balancing.

Mr. McCreary presented a slide that showed what the platform dashboard looks like. He explained what the public would see when accessing and viewing the data.

Mr. Lopez asked whether the platform could easily integrate with the city's existing systems. Mr. McCreary explained it depends on what data you are trying to upload. He said the data they should input is the Greenhouse Gas Inventory. He signed into the platform to provide an example of the necessary data points to input. He underscored the point that the platform doesn't collect data. In response to Mr. Lopez, Mr. McCreary confirmed the platform uses statistical modeling. He also indicated that all the preset variables used to make calculations can be edited and modified manually.

Mr. Goldstein had a two-part question. The first was, are other cities using the program and has it been successful. The second was, what are the distinguishing features of Climate View and will it help achieve goals above what is already being done? Mr. McCreary noted the tool wasn't able to draw a comparison because there isn't another tool specifically for community climate action planning. He stated that, unlike other programs, all of the data is pre-built into the program and is talking to each other. Ms. Trendler pointed out that Climate View is a modeling tool. She provided an example using the Tree Management Plan and how planting trees will affect emissions over time. Mr. McCreary added it would not just have an isolated view of what the reduction measure of a single effort would do. He indicated it also shows how that measure connects to everything else that is being done.

Ms. Smyth wanted to know how the program could help with the human element they

don't have control over. Ms. Trendler referred to the program as a visual marketing/communications tool that allows people to grasp what we are talking about and hopefully get on board. She stated to encourage the public, they could develop community education campaigns around the information. Mr. McCreary pointed out the program is clean and user-friendly and can show how actions impact the overall environment.

Ms. Niedzielski-Eichner asked if the program is interactive and can the public use it to see what its impact would be. Mr. McCreary indicated the program can be used in this manner. He noted in their work they use it when working with the experts hired to work on a project but generally, they don't include the wider public. He said it would help the decision-makers understand what their targets need to be because they are all connected. He pointed out that the dashboard feature provides an interactive presentation that can be used instead of a slide deck.

Ms. Trendler talked about the mayor's plan to make Norwalk the greenest city and what that means. She feels the tool is a way to communicate that to the entire city. She stated the tool would show and prove the progress associated with their efforts.

Mr. McCreary stated he was not trying to sell a service. He pointed out the tool makes their jobs easier and lowers costs for their clients. He made the point that this tool would make Ms. Trendler more effective in her job.

Ms. Trendler asked Mr. McCreary how this program compared to Clear Path. Mr. McCreary noted that Clear Path lacks modeling capabilities. He also pointed out that Climate View is replacing Clear Path. At Mr. Lopez's request, Mr. McCreary gave a brief description of Clear Path. Ms. Trendler asked if Climate View could link directly to CDP and other agencies for reporting. Mr. McCreary stated not as yet however, it is their ambition.

Mr. Lopez formally introduced the new Director of Sustainability and Resilience, Jodi Trendler. He stated the Committee would enjoy working with her. Ms. Trendler describes much of what her new position will entail. She stated she was excited to be involved with the Greenest City project.

Mr. Livingston expressed excitement at having Ms. Trendler on their staff. He noted that Climate View would be a great tool for Jodi in her specialty of education and communication with the public. Mr. Livingston said he feels Ms. Trendler will be a real asset to the city.

IV. ADJOURNMENT

CITY OF NORWALK

AD HOC SUSTAINABILITY AND RESILIENCE COMMITTEE

FEBRUARY 12, 2025

Page 3

**** MS. SHANAHAN MOVED TO ADJOURN THE MEETING.
** THE MOTION PASSED UNANIMOUSLY.**

The meeting adjourned at 6:47 p.m.

Respectfully submitted
China Mayhew
Telesco Secretarial Services



I ♥
NORWALK

"GREENEST CITY"



"GREENEST CITY"

OVERVIEW

- Introduction: Director & GHGs
- Where We Are
- Where We Are Going
- Why We are Going
- How We Are Going



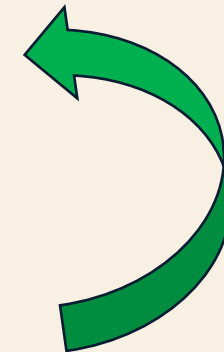
JODI TRENDLER

DIRECTOR, SUSTAINABILITY & RESILIENCE

ARPA grant funded Fellowship in conjunction with the Association of Climate Change Officers (ACCO) through June 2026 – working toward permanent

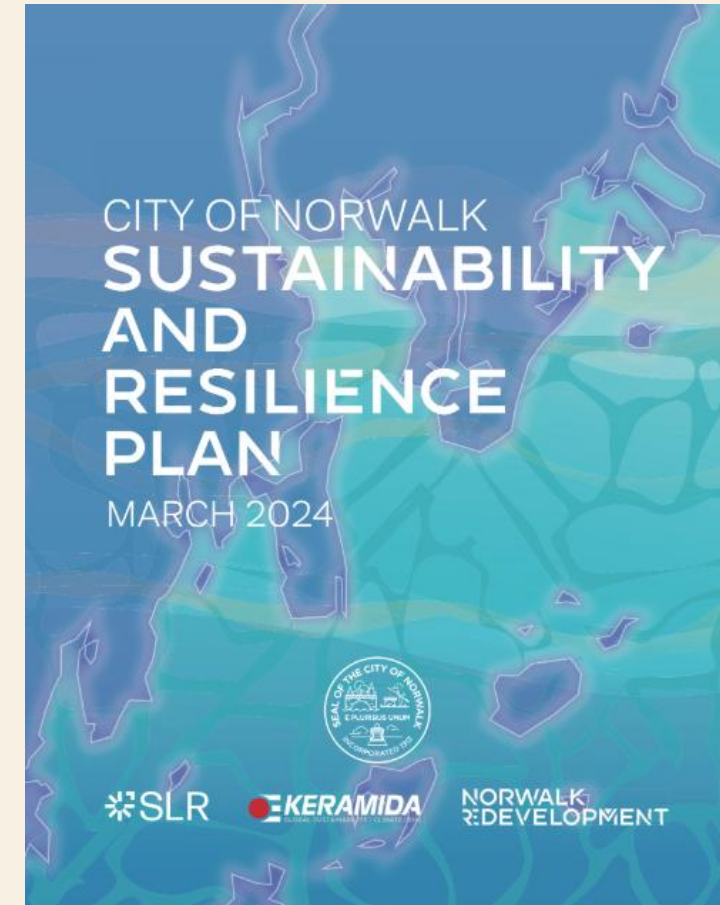
WHY AM I HERE?

- **Help Define "Greenest City"**
 - Validation: Metrics, Accounting, Reporting
- **Sustainability Implementation**
 - Sustainability and Resilience Plan (SRP) Progress integration
 - Operationalizing sustainability
- **Resourcing**
 - Information
 - Funds
 - Support
- **Cheerleader!**
 - Education & Outreach



16-MONTH TIMELINE

- **Establish “Greenest City” Accounting Processes**
 - GHG Platform
 - Tracking Database
- **Establish On-going “Green Team”**
 - COMPLETE SRP: Identify “Greenest City” **Definition, Goals, & Targets**
 - Help Prioritize Implementation Strategies: Framework
- **Identify Resources to Support Actions**
- **Create Community Education & Outreach**
 - Newsletter
 - Monthly Events
 - Update City Dashboard
 - Coordinate with Community Organizations





GHG OVERVIEW

GHGs

Carbon dioxide (CO₂): Carbon dioxide enters the atmosphere through **burning fossil fuels (coal, natural gas, and oil), solid waste, trees and other biological materials, and also as a result of certain chemical reactions (e.g., cement production).**

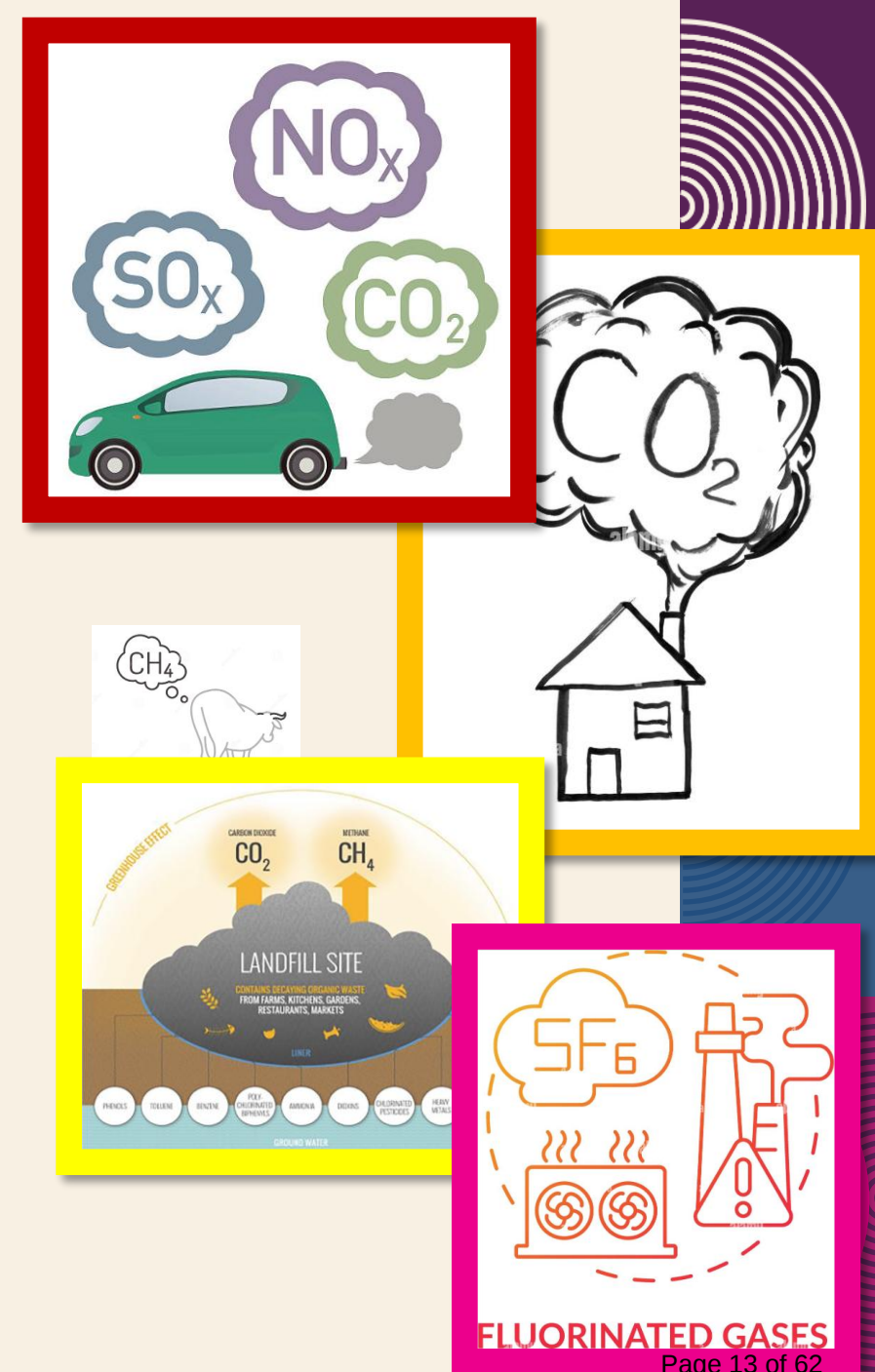
Carbon dioxide is removed from the atmosphere (or "sequestered") when it is absorbed by plants as part of the biological carbon cycle.

Methane (CH₄): Methane is emitted during the **production** and transport of coal, **natural gas, and oil.** Methane emissions also result from agricultural production, land use, and by the **decay of organic waste in municipal solid waste landfills.**

Nitrous oxide (N₂O): Nitrous oxide is emitted during agricultural, land use, and industrial activities; **combustion of fossil fuels and solid waste; as well as during treatment of wastewater.**

Fluorinated gases: Hydrofluorocarbons, perfluorocarbons, sulfur hexafluoride, and nitrogen trifluoride are synthetic, powerful greenhouse gases that are emitted from a variety of **household, commercial, and industrial applications and processes.** Potent greenhouse gases. With [global warming potentials \(GWPs\)](#) that typically range from thousands to tens of thousands, they are sometimes referred to as **high-GWP gases** because, for a given amount of mass, they trap substantially more heat than CO₂.

*Additional compounds in the atmosphere including solid and liquid **aerosol** and other greenhouse gases, such as **water vapor** and **ground-level ozone** can also impact the climate.*





"GREENEST CITY"

KPIs FOR VALIDATION

"PEOPLE, PLANET, PROFIT"

1. **GHGs:** Primary Indicator, INTERNAL Metrics
2. **Co-Benefits:** Primary PUBLIC Metrics

DIRECTOR S&R JOB TO:

- ***COORDINATE***
- ***ANALYZE***
- ***ASSIST***

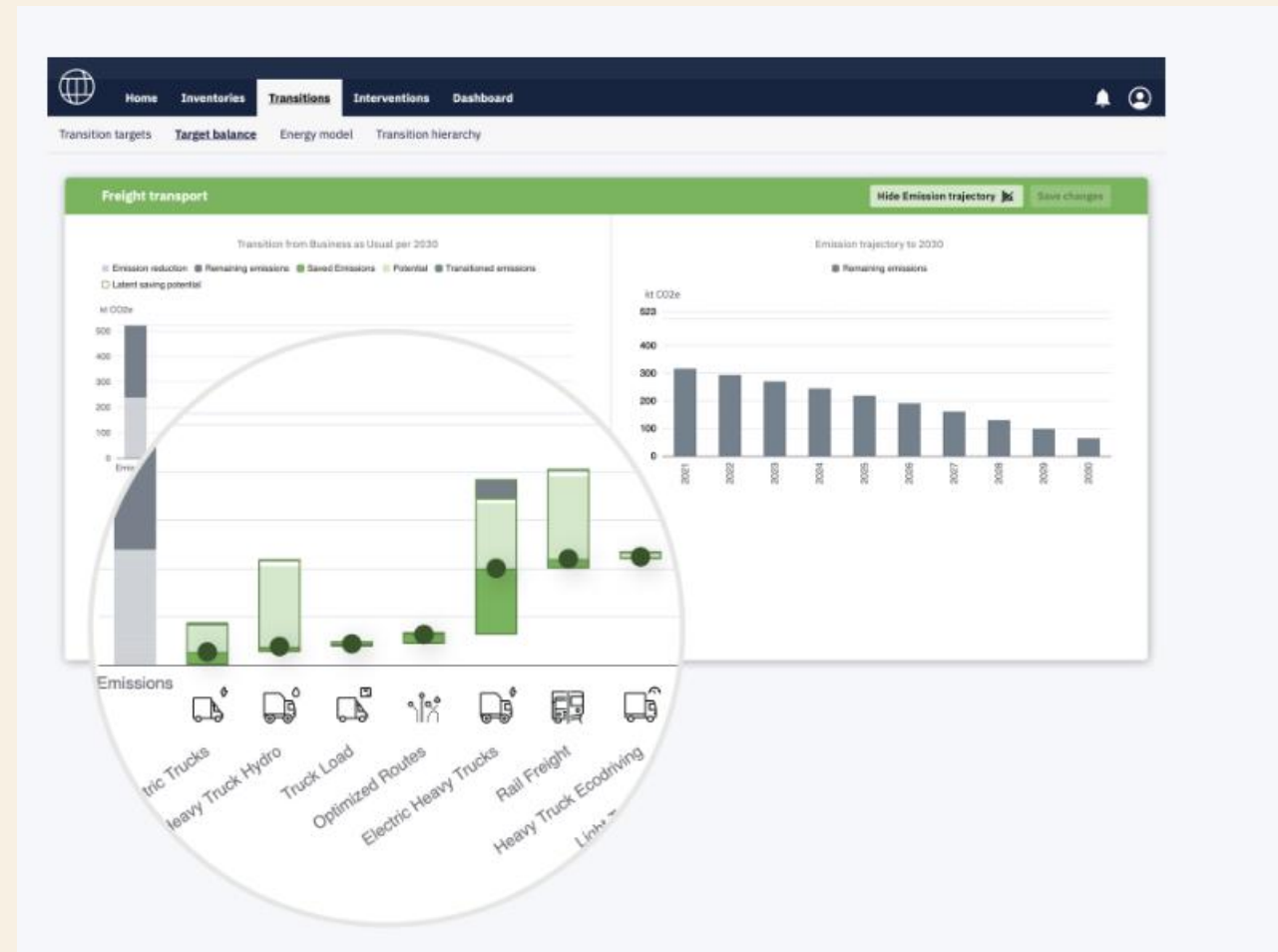
GHGS: PRIMARY METRICS

DIRECTOR JOB

- Project Impact Analysis
- Tracking
- Agency & Public Reporting

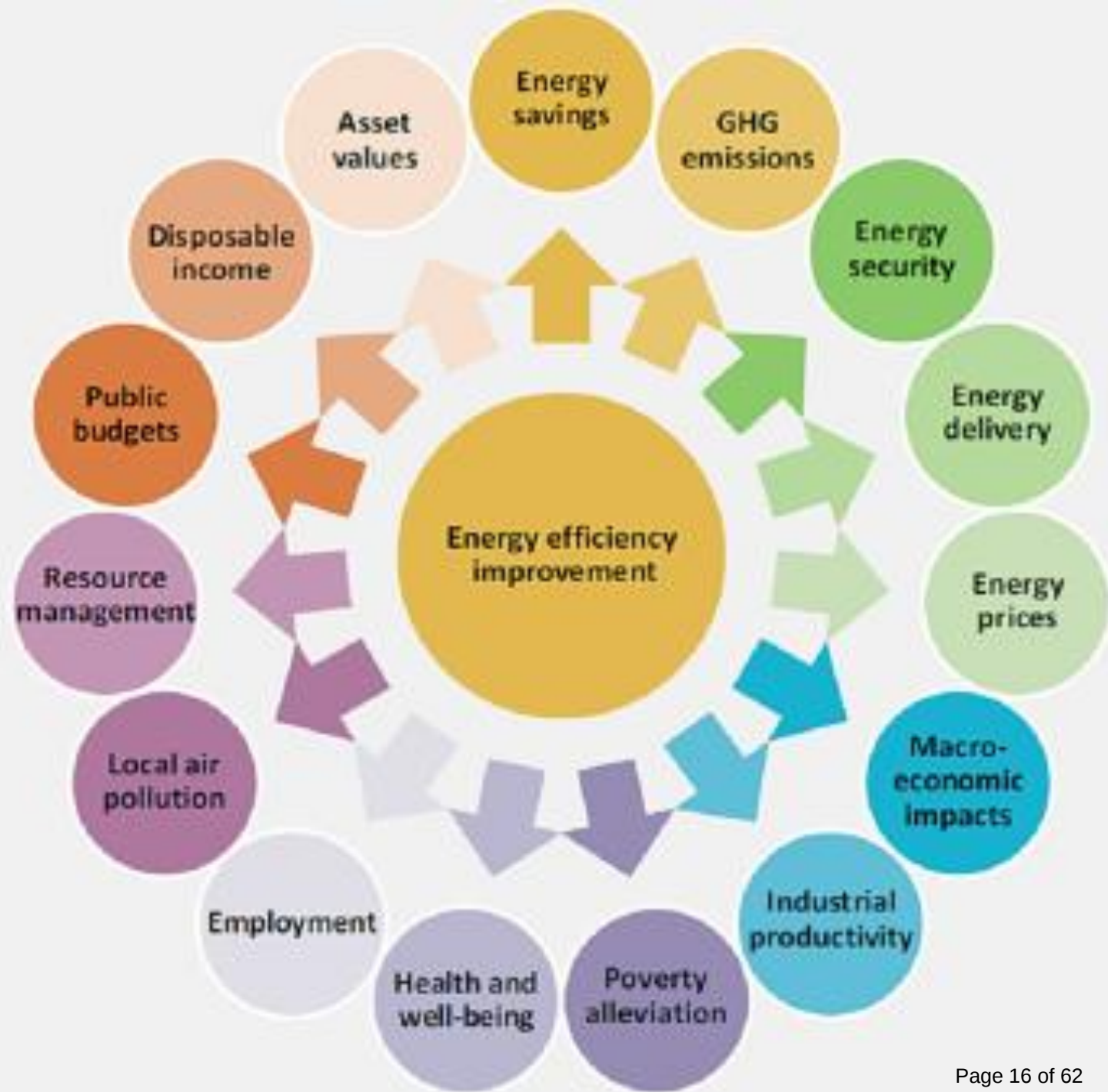
YOUR JOB:

- Decision-making
- Prioritization



CO-BENEFITS: EXTERNAL METRICS

- **Human Health**
- Safety: Resilience Planning
- **Economic Development**
- Economic Efficiency = Savings
- **Ecological Restoration**
- Waste Reduction
- Clean Air
- Clean Water
- Economic Efficiency = Savings

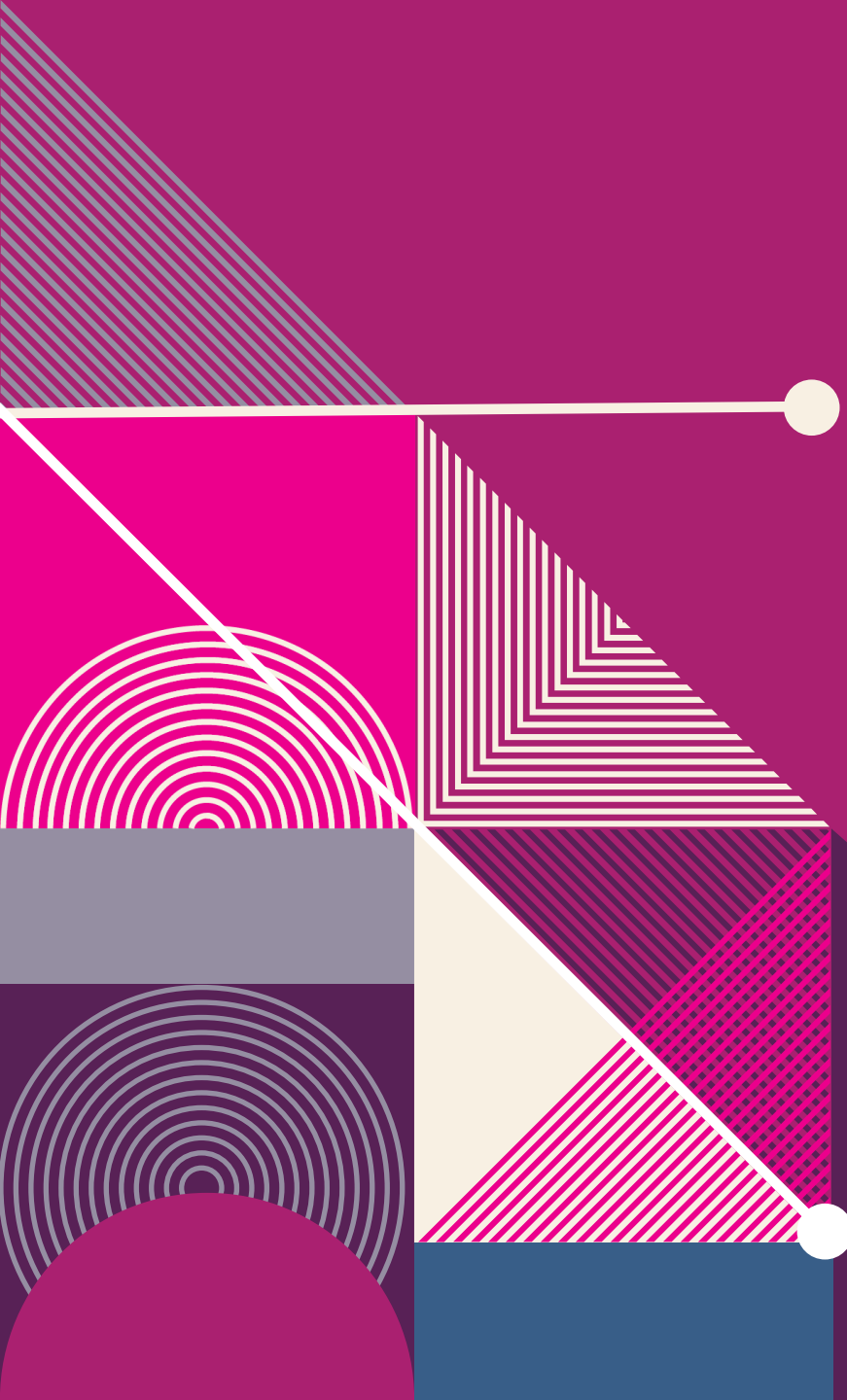




Norwalk, CT

BEST PLACES TO LIVE IN THE U.S. 2024-2025

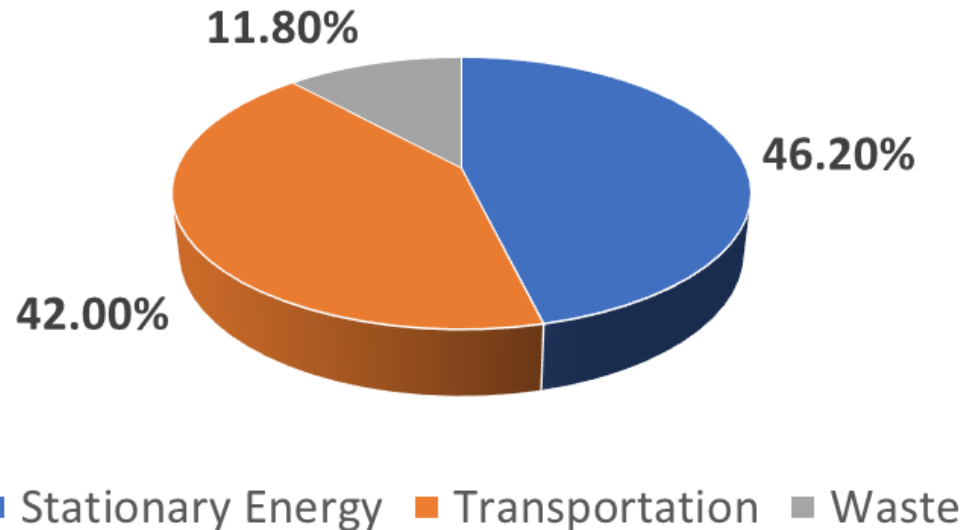
Norwalk shines as a beacon along Connecticut's Gold Coast and lures in residents with its coastal charm and vibrant atmosphere. A picturesque shoreline, busy downtown district and proximity to NYC offer a blend of tranquility and urban conveniences.



WHERE WE ARE

GHG INVENTORY

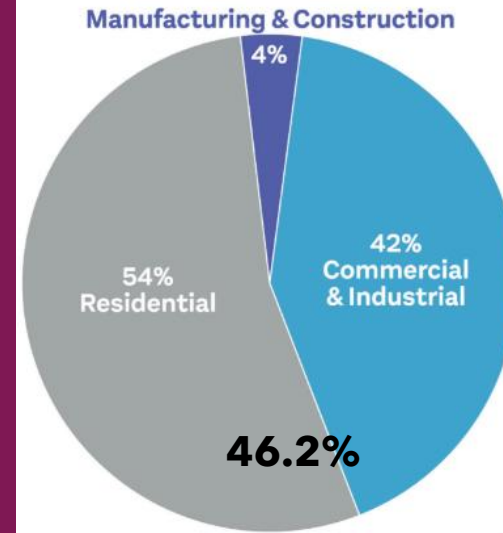
GHG Sources



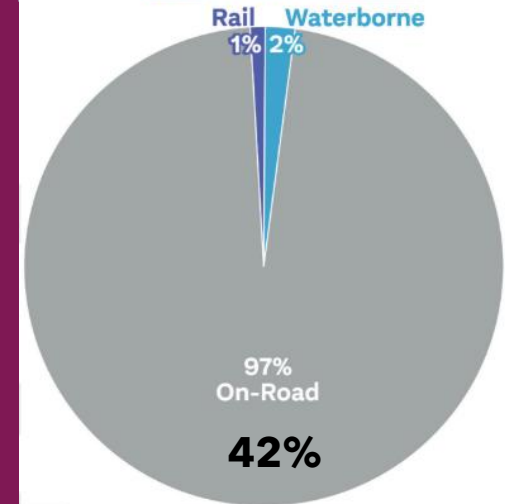
Scope: BASIC – Community-wide

TOTAL EMISSIONS:
2,543,000 TCO₂e

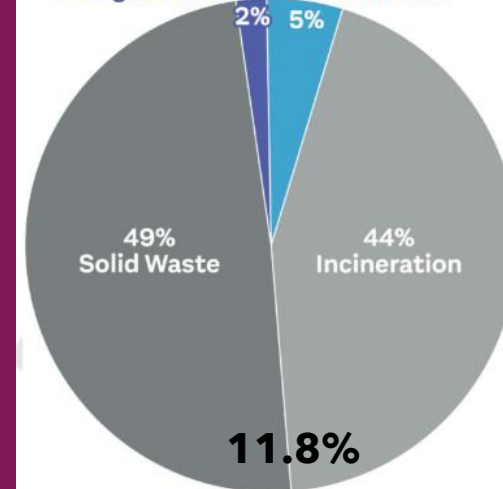
STATIONARY ENERGY



TRANSPORTATION



WASTE



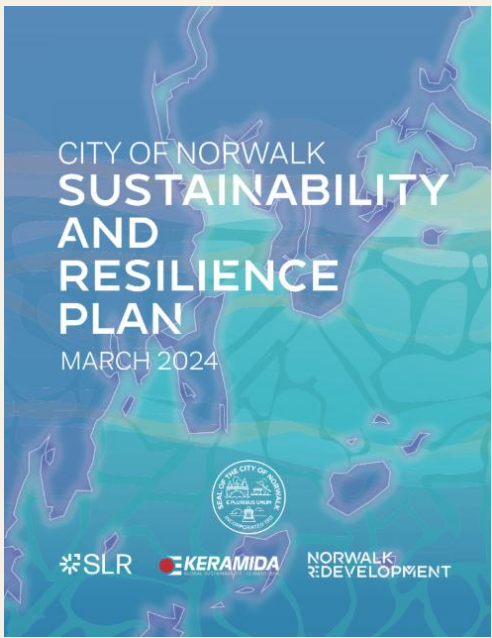
1. VEHICLES
42%

2. HOMES
25%

3. BUSINESS ENERGY
19%

4. WASTE
12%

GHG Emissions Source (By Sector and Sub-sector)	Total GHGs (MT CO ₂ e)
Suggested REDUCTIONS	Total
Stationary Energy	
Residential buildings	152,560
Commercial and institutional buildings and facilities	119,227
Manufacturing industries and construction	10,017
Sub-Total	281,804
Transportation	
On-road transportation	249,475
Railways	3,074
Waterborne navigation	3,715
Off-road transportation	119
Sub-Total	256,384
Waste	
Solid waste generated in the city	35,185
Biological waste generated in the city	1,661
Incinerated and burned waste generated in the city	31,956
Wastewater generated in the city	3,298
Sub-Total	72,100
Total Suggested REDUCTIONS	610,288



This reduction represents **24 percent** of a net zero carbon climate goal, leaving a

76 percent pathway gap

of emissions that have no planned strategies for mitigation.

450,789

gasoline-powered passenger vehicles driven for one year ?

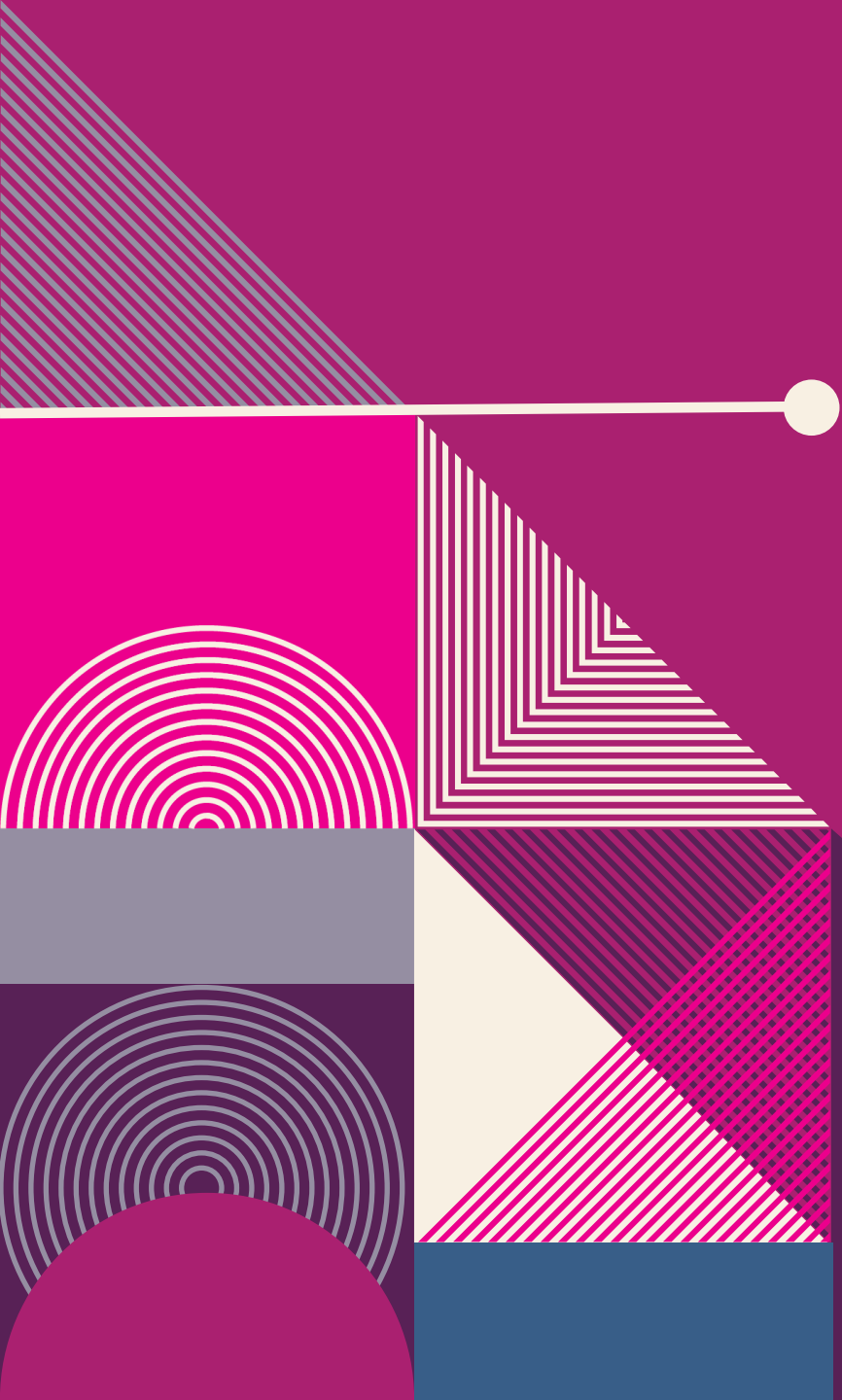
1,706,781

electric-powered passenger vehicles driven for one year ?

4,921,481,002

miles driven by an average gasoline-powered passenger vehicle ?

<https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator#results>



WHERE WE ARE GOING

IPCC RECOMMENDATION: NET ZERO BY 2050



This Photo by Unknown Author is licensed under [CC BY](#)

GLOBAL COVENANT *of* MAYORS *for* CLIMATE & ENERGY

[HTTPS://WWW.GLOBALCOVENANTOFMAYORS.ORG/](https://www.globalcovenantofmayors.org/)

"We Are Still In": American Sustainable Business Council, B Team, Bloomberg Philanthropies, Business Council for Sustainable Energy, C2ES, C40, Catholic Climate Covenant, CDP, Center for American Progress, Ceres, Clean Energy Business Network, Climate Collaborative, Climate Mayors, Climate Nexus, Environmental Defense Fund, Environmental Entrepreneurs, Georgetown Climate Center, Health Care Without Harm, ICLEI, the Incite Agency, League of Conservation Voters, Mississippi River Cities and Towns Initiative, National Black Caucus of State Legislators, National Congress of American Indians, National League of Cities, National Religious Partnership for the Environment, Rocky Mountain Institute, Second Nature, Sierra Club, Sustainable Museums, The Nature Conservancy, University of Maryland, Urban Sustainability Directors Network, US Climate Alliance, US Green Chamber of Commerce, We Mean Business, World Resources Institute, and World Wildlife Fund (WWF).

13686
CITIES

1.271 BN
PEOPLE

24 BN
TONS CO₂ E BY 2030

100+
GLOBAL PARTNERS

CONNECTICUT STATE GOALS:

Connecticut has set ambitious emissions reduction targets:

- 45% below 2001 levels by 2030
- 80% below 2001 levels by 2050,
- Electricity sector aiming for zero emissions by 2040.

In 2021, Connecticut's GHG emissions were 34.7 million metric tons (MMT) of carbon dioxide equivalent (CO₂e). DEEP estimates that emissions increased to 35.0 MMTCO₂e in 2022, which is **28 percent below 2001 levels (27% more to meet 2030 goal)**, driven largely by reductions in the electric power sector since 2010.

1990-2021 Emissions

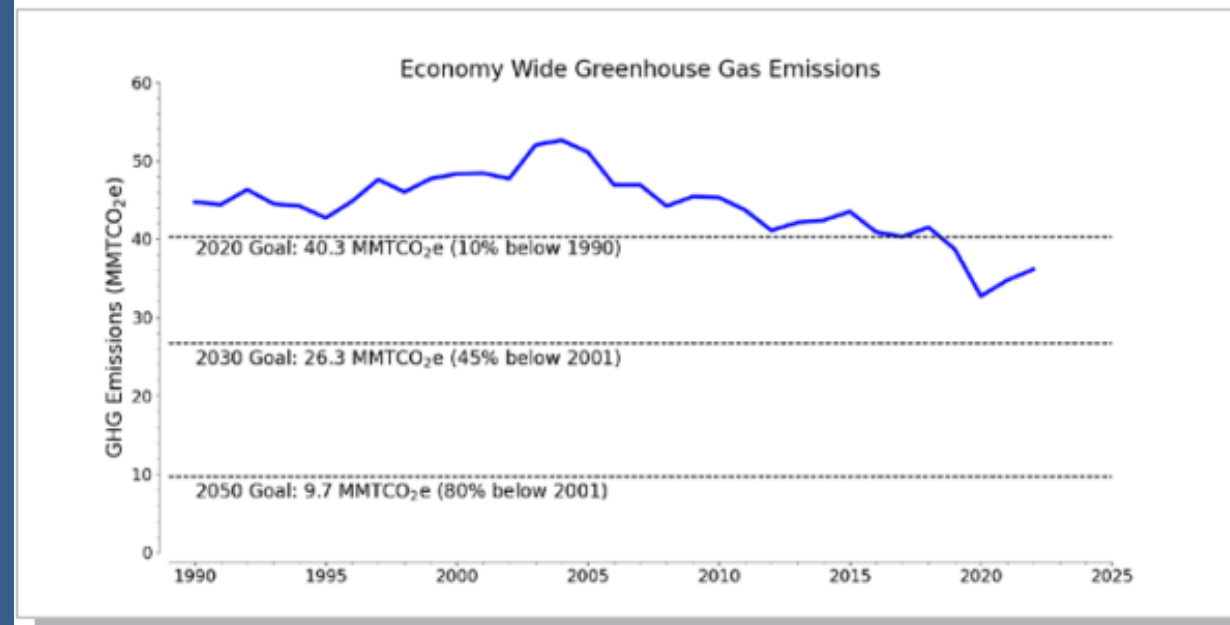


FIGURE 1: Total economy-wide GHG emissions from Connecticut through 2022. Economy-wide results are depicted based on consumption-based accounting for the electric power sector adopted in the previous inventory. Also shown are the state's statutory emissions-reduction goals for 2020, 2030, and 2050.

HB 5004:

1. 45% from 2001 levels by 2030,
2. 70% from 2016 levels by 2040, and
3. a level determined to be **net-zero** by 2050.

It sets a separate goal for the agencies to use only zero-carbon generating electricity by 2030.

NORWALK: SETTING TARGETS

TOTAL EMISSIONS:	CURRENT PROPOSED:	FUTURE PLANNING:
2,543,000	610,300	1,932,600

918,728 tons of waste recycled instead of landfilled ? 

131,247 garbage trucks of waste recycled instead of landfilled ? 

221,016,776 trash bags of waste recycled instead of landfilled ? 

777 wind turbines running for a year ? 

This is equivalent to carbon sequestered by:

42,991,224 tree seedlings grown for 10 years ? 

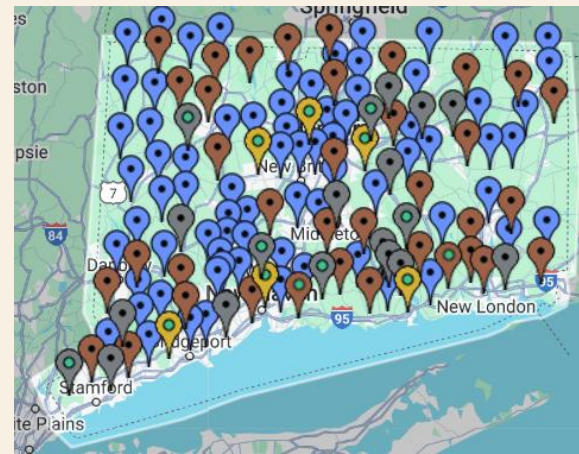
2,607,954 acres of U.S. forests in one year ? 

15,535 acres of U.S. forests preserved from conversion to cropland in one year ? 

2050:
IPCC = ZERO
CT = 80% Below 2001 or Zero

SUSTAINABLE CT

To foster inclusive, resilient, and vibrant Connecticut municipalities that provide opportunities for all to thrive by: providing a menu of *sustainability actions that build local economies, support equity, and respect the finite capacity of the environment*; VOLUNTARY CERTIFICATION to recognize thriving and resilient Connecticut municipalities.



13 Categories, 3490 points possible

- **138 Registered Cities**
- **62 Certified**
 - **Gold (750 pts): : 6**
 - **Silver (500 pts): 18**
 - **Bronze (200 pts): : 37**
- **CLIMATE LEADERS: 15**
<https://sustainablect.org/>

Applicant	County	Certification	CL	Points
Old Saybrook	Middlesex	Gold	Y	1095
West Hartford	Hartford	Gold	Y	1085
New Haven	New Haven	gold	Y	1010
Glastonbury	Hartford	gold	Y	855
Fairfield	Fairfield	gold	Y	845
Bristol	Hartford	gold	Y	775
Norwalk	Fairfield	bronze	N	415



WHY WE ARE GOING

POCD

C. GOALS & POLICIES

Goals	Policies
Norwalk City government is a model of sustainability.	• City government actions are guided by sustainability principles.
Norwalk reduces greenhouse gas emissions consistent with state goals.	• Incorporate energy-efficiency as a way of life in Norwalk.
Protect and manage Norwalk's sensitive environmental resources and its inland and coastal waters to enhance water quality, wildlife habitat, biodiversity, public health, and enrichment of community character.	• Use city decision making to enhance environmental protection.

POCD

Key Findings & Challenges

- * Norwalk is making progress in establishing sustainable practices but does not have a systematic and integrated approach that brings a sustainability lens to all policies and actions.
- ✓ The City is working towards more sustainable stormwater management practices to improve water quality in inland and coastal waters but needs to focus more on green infrastructure and LID practices, including in public places.
- * Like the “Health in All Policies” approach, Norwalk city government needs a “Sustainability in All Policies” approach that affects all City departments and activities.
- ✓ Norwalk currently does not have the data needed to understand its baseline greenhouse gas emissions and potential ways to reduce emissions.

POCD

GOAL 1

Norwalk city government is a model of sustainability.

Policies:

- City government actions are guided by sustainability principles

Strategy

A. Expand sustainability policies and actions for city government and monitor and track progress.

Actions	When	Who	Resources
* Create an inter-departmental Sustainability Committee to develop a sustainability program for Norwalk City government consistent with the Sustainable CT certification program. This group should obtain and review all available records and data on sustainability activities to date, including any benchmarking by the city or other entities.	2019	Mayor	Staff time
✓ Designate a Sustainability Officer to coordinate city government actions to pursue certification by Sustainable CT.	2019	Mayor and Council	Staff time
✓ Join the Global Covenant of Mayors for Climate and Energy to commit to development of a Climate Action Plan.	2019	Mayor and Council	Staff time
✓ Replace city vehicles incrementally with electric or hybrid vehicles.	2019 and ongoing	Purchasing; Public Works; Mayor and Council	Staff time; capital funding
✓ Establish vehicle charging stations at City facilities.	2019 and ongoing	Public Works	Staff time; capital funding
✓ Incorporate energy-efficient practices in City-owned buildings and structures, such as replacement of lighting with LED lights.	2019 and ongoing	Sustainability Committee; Public Works	Staff time; capital funding, possible grants
✓ Establish a clear policy that all City building repairs, retrofits, and new construction will incorporate LEED (Leadership in Energy and Environmental Design) Silver standards, equivalent or successor standards, at a minimum.	2019 and ongoing	Mayor and Council; Board of Education; Sustainability Committee	Staff time
* Buy 100% renewable energy for city government operations by 2029.	2019–2029	Mayor and Council; Board of Education; Public Works; Sustainability Committee	Staff time

POCD

GOAL 2

Norwalk reduces greenhouse gas emissions consistent with state goals.

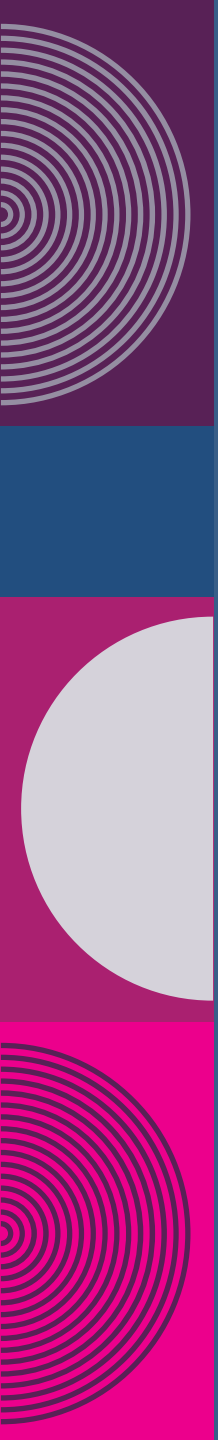
Policies:

- Incorporate energy-efficiency as a way of life in Norwalk.

A. Establish and implement a plan and program to reduce greenhouse gas (GHG) emissions and promote renewable energy.

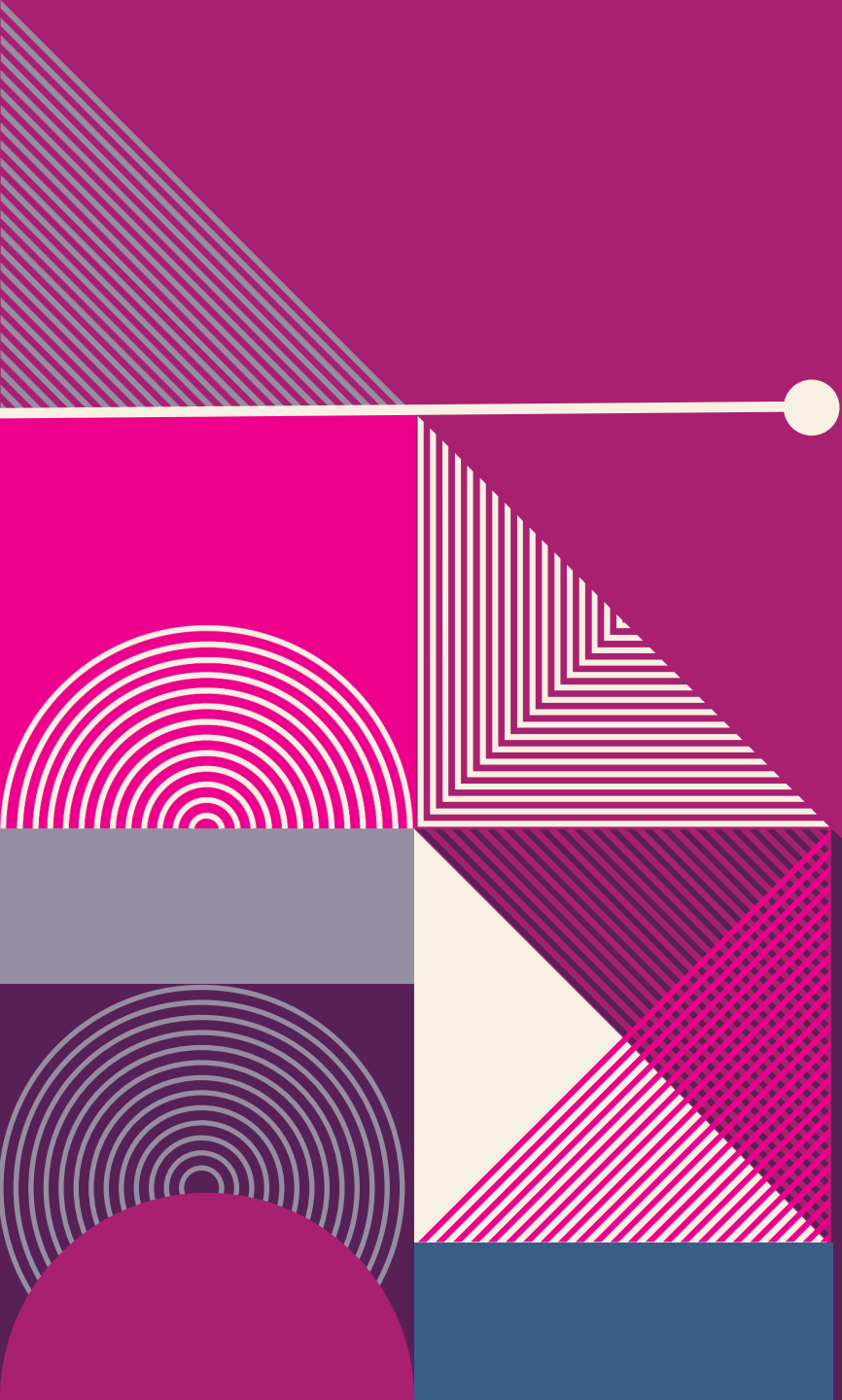
Actions	When	Who	Resources
1. Develop a local action plan to reduce GHG emissions by 10% from 1990 levels by 2020 and 80% from 2001 levels by 2050. The plan should include an inventory of GHG emissions from all sources for the whole community and specifically for city government; public engagement; a mitigation plan to reduce emissions to meet or exceed state goals; and a reporting and monitoring program to measure progress.	2024-2025	Sustainability Officer; Economic and Community Development Department; Public Works;	Staff time; consultant
2. Require electric vehicle charging stations in new large private developments.	2019 and ongoing	Planning and Zoning; Zoning Commission	Staff time

Actions	When	Who	Resources
3. Expand alternative transportation options (transit, shuttle, bicycle, pedestrian, and so on) for intra-Norwalk mobility in order to reduce the growth of GHG emissions from transportation. See Chapter 10.	2019 and ongoing	Economic and Community Development Department; Bike/Walk Commission; Public Works; Norwalk Transit	Staff time; capital funding
4. Encourage Norwalk electric utilities to exceed state requirements for renewable energy.	2019 and ongoing	Mayor and Council	Staff time



HEALTHIER COMMUNITY, SAVE MONEY, RESTORE ECOSYSTEMS **ADDITIONAL BENEFITS:**

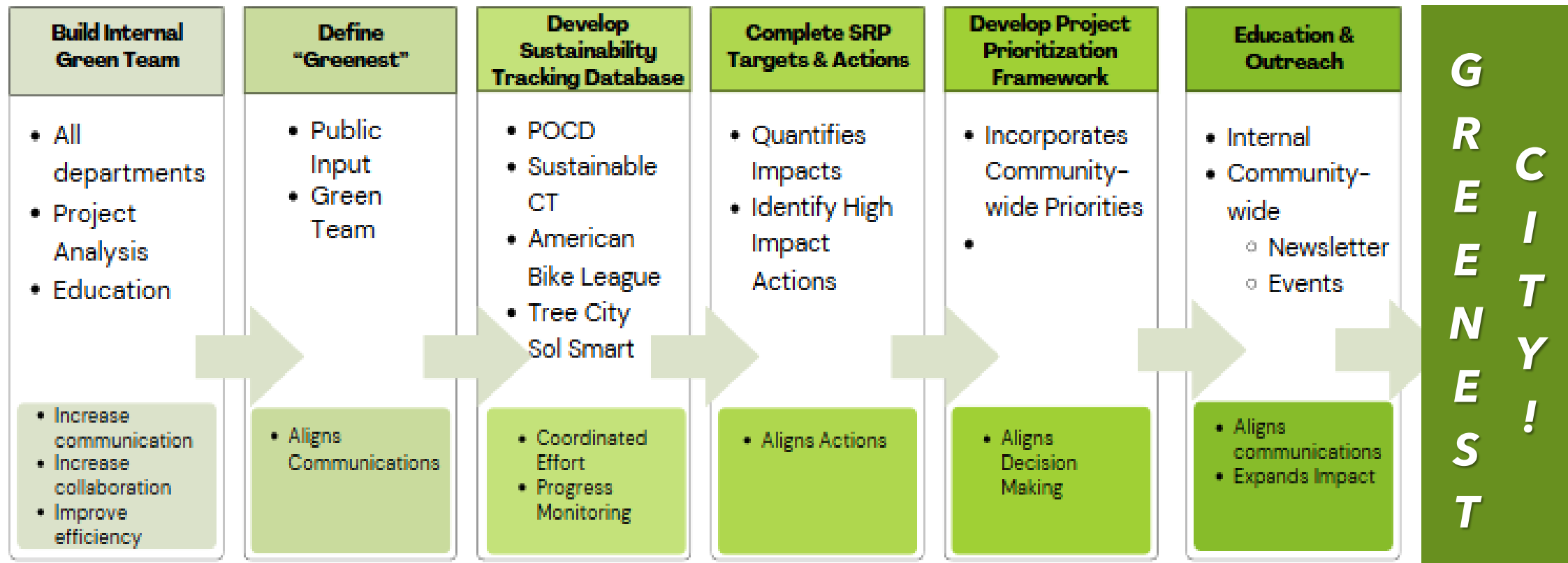
- Increase funding potential
 - FEMA Community Rating System
- Improve City Branding
 - More people want to live here
 - More businesses want to open here
- Ensure AAA credit rating



HOW WE ARE GOING

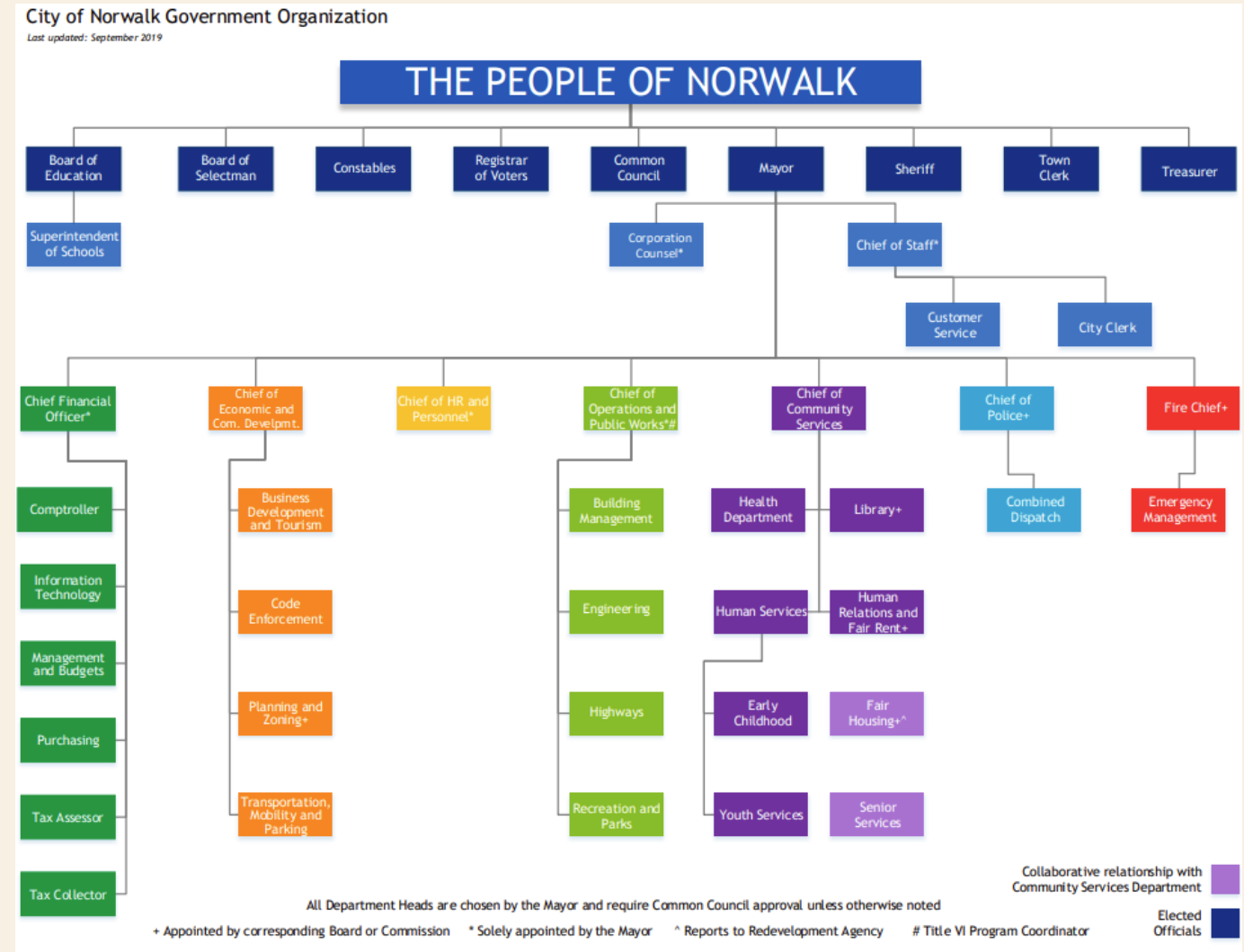
Sustainability and Resilience Plan

IMPLEMENTATION

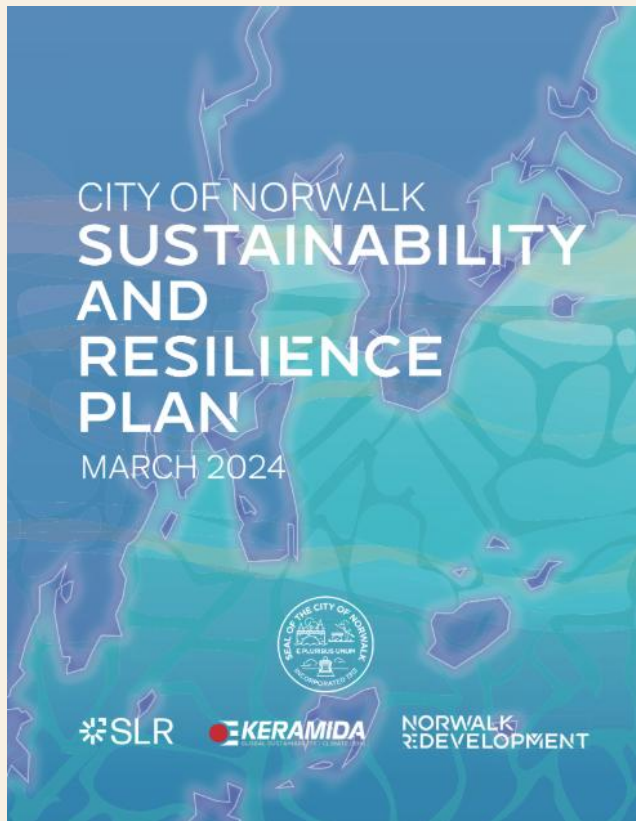


GREEN TEAM

- Integrate & Collaborate
- Prioritize
- Communicate
- Increase efficiency – Minimize redundancy
- *Council Member*



SUSTAINABILITY AND RESILIENCE PLAN (SRP)



- **DEFINE "GREENEST"**
- Establish GHG Community-wide Targets
- Analyze Impact of Potential Actions & Current Plans
- Prioritize High-Impact Actions
 - **BUILDINGS:** Energy Efficiency; Development
 - **TRANSPORTATION:** Electrification

DECISION-MAKING FRAMEWORK

PRIORITIZATION FRAMEWORK

GHG MITIGATION CRITERIA			Scoring
High Long-Term GHG Reduction Potential	High Long-Term	The action has a high (over 5%) community greenhouse gas emissions reduction potential past 2030	6
	Medium Long-Term	The action has a medium (between 3%-5%) community-wide greenhouse gas reduction potential past 2030	4
	Small Long-Term	The action has a small (between 0%-2%) community greenhouse gas reduction potential past 2030	2
High Short-Term GHG Reduction Potential	High Short-Term	The action has a high (over 5%) community greenhouse gas reduction potential before the year 2030	6
	Medium Short-Term	The action has a medium (between 3%-5%) community greenhouse gas reduction potential before 2030	4
	Small Short-Term	The action has a small (between 0%-2%) community greenhouse gas reduction potential before 2030	2

COST CRITERIA			Scoring
City Cost Effectiveness	Benefits Significantly Outweigh Costs	Long-term financial benefits greatly outweigh implementation costs	2
	Benefits Outweigh Costs	Long-term financial benefits outweigh implementation costs	1
	Benefits Match Costs	Long-term financial benefits match implementation costs OR don't know the overall cost effectiveness of the action	0
	Costs Outweigh Benefits	Implementat	
	Costs Significantly Outweigh Benefits	Implementat	

CO-BENEFITS			Scoring
City Relative Cost (Capital)	None	The City can	
	<\$5M	The City can needed	
	>\$5M	The City requ	
City Relative Cost (Operation)	Decreases Costs	Action will m	
	No Impact	Action will h	
	Increases Costs	Action will n	
Residential and Businesses Cost Effectiveness	Benefits Outweigh Costs	Long-term fir	
	Benefits Match Costs	Long-term fir	
	Costs Outweigh Benefits	Long-term fir	
Affordability on Low-Income Residents	Yes	This action helps to minimize long-term energy, fuel, transit, material, waste, etc. costs for low-income residents	1
	Maybe	This action has no effect on long-term energy, fuel, transit, material, waste, etc. costs OR don't know what impact it has on affordability for low-income residents	0
	No	This action does not help to minimize long-term energy, fuel, transit, material, waste, etc. costs for our low-income residents	-1
Equity	Yes	This action enhances frontline communities' quality of life and access to resources and opportunities	1
	Maybe	This action neither enhances nor decreases vulnerable or frontline communities' resiliency, quality of life, access to resources and opportunities, or health OR don't know what impact this action has on equity	0
	No	This action decreases vulnerable or frontline communities' quality of life and access to resources and opportunities	-1
Historical Injustices	Yes	This action rectifies past discriminatory/problematic decisions/actions	1
	Maybe	This action neither rectifies or intensifies past discriminatory/problematic decisions/actions OR don't know what impact this strategy has on past discriminatory/problematic decisions	0
	No	This action intensifies past discriminatory/problematic decisions/actions	-1
Pollution Prevention	Yes	This action minimizes local or regional criteria pollutant emissions at the location of implementation	1
	Maybe	This action does not impact local or regional criteria pollutant emissions OR don't know what impact this action has on local or regional criteria pollutant emissions at location of implementation	0
	No	This action does not minimize local or regional criteria pollutant emissions and may actually increase criteria pollutant emissions at location of implementation	-1
Health and Well Being	Yes	This action enhances public health	1
	Maybe	This action does not influence public health OR don't know what impact this action has on public health	0
	No	This action decreases public health	-1
Reliability	Yes	Action helps increase reliability of the electrical grid, transportation system, emergency response, etc.	1
	Maybe	Action does not impact the reliability of the electrical grid, transportation system, emergency response, etc. OR don't know the impact on reliability	0
	No	Action does not help increase reliability of the electrical grid, transportation system, emergency response, etc.	-1
Resilience	Yes	Action increases the resilience of the City, people, and ecosystems to climate-related disruptions	1
	Maybe	Action does not impact the resilience of the City, people, and ecosystems to climate-related disruptions OR don't know what impact action has on resilience	0
	No	Action does not increase the resilience of the City, people, and ecosystems to climate-related disruptions	-1
Job Development	Yes	Action maximizes quality job creation in Michigan	1
	Maybe	Action does not influence job creation in Michigan OR don't know what impact action will have on job creation in Michigan	0
	No	Action does not maximize quality job creation in Michigan OR may harm job creation	-1

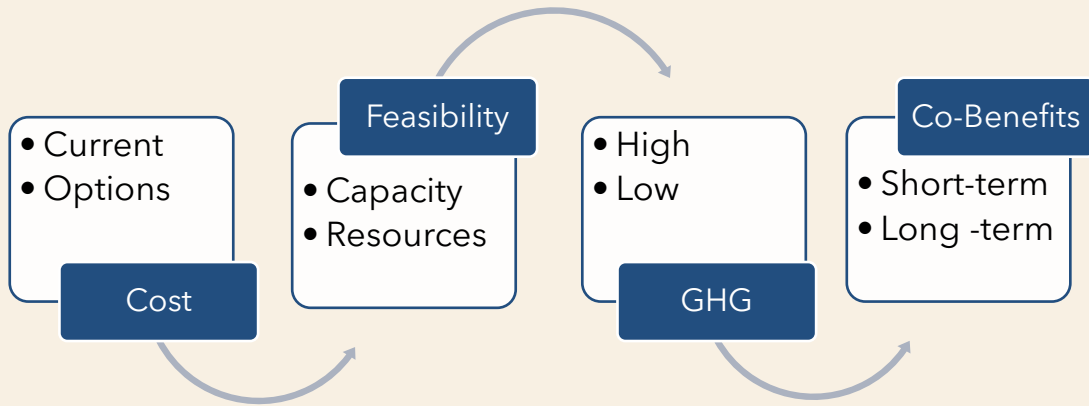
Prioritization Criteria:

- COST
- FEASIBILITY
- GHG MITIGATION
- CO-BENEFITS:
 - *Health/Human (DEI)*
 - *Economic*
 - *Environment*

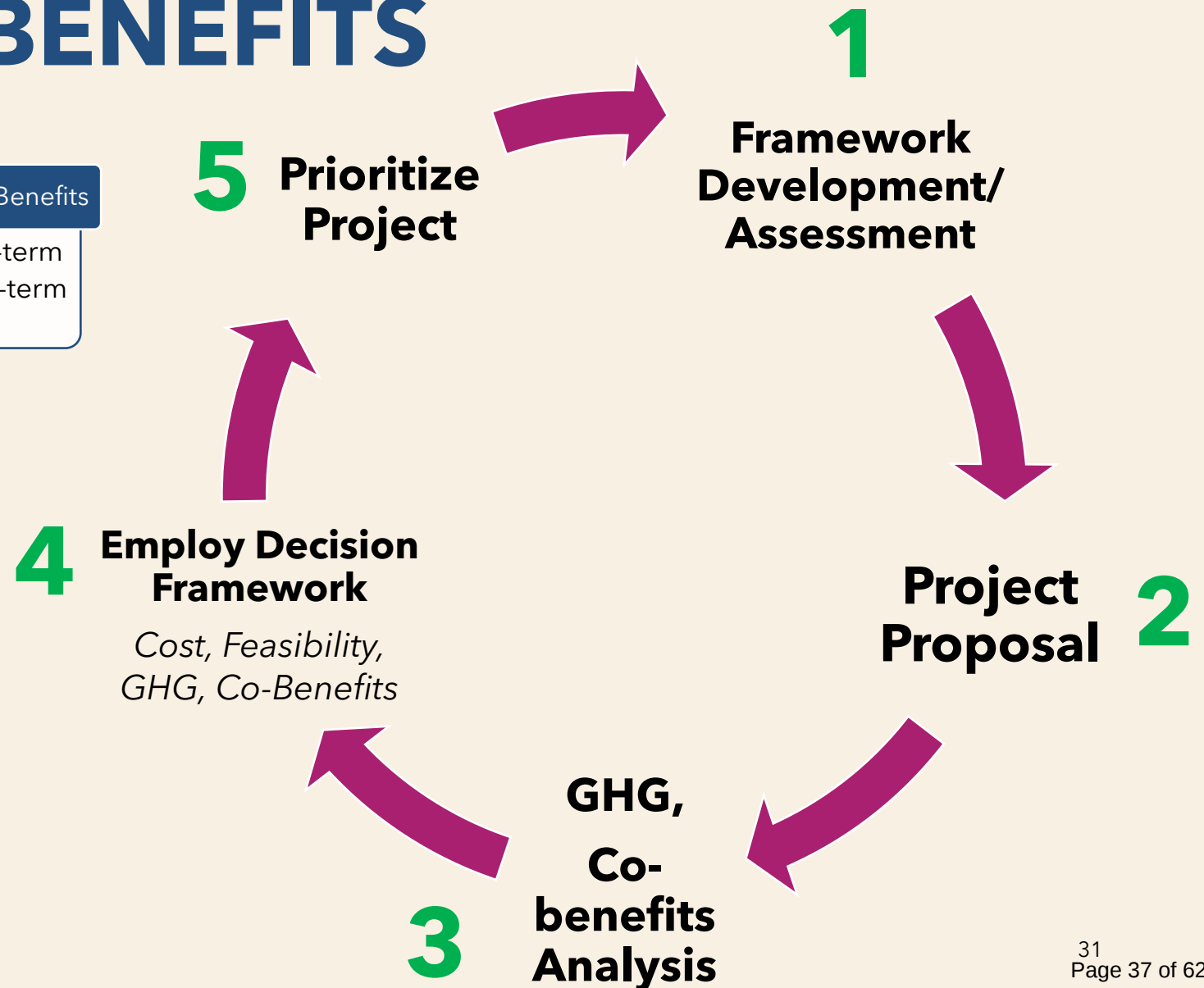
POCD GOAL:
SUSTAINABILITY ACROSS ALL
POLICIES & PROJECTS

DEVELOPMENT:
GREEN TEAM

FRAMEWORK BENEFITS



- Consistency
- Efficiency
- Decision Justification
- Strategic



EDUCATION & OUTREACH

- Monthly Newsletter: Education & “Call to Action”
 - Residents
 - Businesses
- Monthly workshops
- Earth Day: “How do you define ‘Greenest City’?”



QUESTIONS, COMMENTS?



THANK YOU

Jodi Trendler

Director of Sustainability and Resilience

475-291-7171

jtrendler@norwalkct.gov

GCoM: Global Covenant of Mayors for Climate & Energy

Norwalk Commitment



Overview

- What is GCoM?
- What is the commitment?
- Why should Norwalk Join?

What is GCoM?



- *“The largest global alliance for city climate leadership across the globe.”*
- The cities and partners of GCoM share a long-term **vision** of supporting **voluntary action** to **combat climate change** and shift towards a **resilient and low-emission society**.
- GCoM serves cities and local governments by mobilizing and supporting **ambitious, measurable, planned climate action**.

13712

CITIES

1.273 BN

PEOPLE

24 BN

TONS CO2 E BY 2030

100+

GLOBAL PARTNERS

Norwalk Aligns:

*Cities are on the front line of climate change, but they also are uniquely positioned to lower emissions. **Mayors around the world are eager to lead** and the Global Covenant of Mayors helps them to take action.*

Former New York City Mayor and Co-Chair Global
Covenant of Mayors for Climate & Energy





GCoM History



Michael
BLOOMBERG



Maroš
ŠEFČOVIČ

THEY PROVIDE STRATEGIC DIRECTION

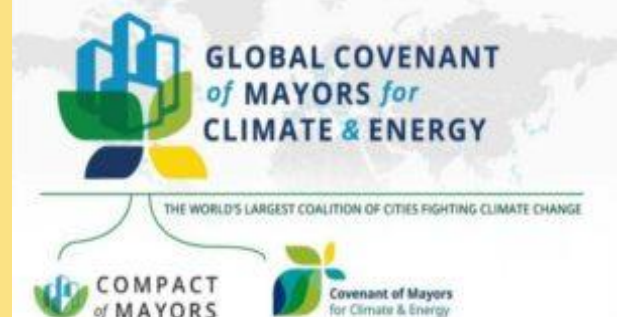
CO-CHAIRS

The Board is co-chaired by former New York City Mayor Michael Bloomberg and the Executive Vice President for the European Green Deal Maroš Šefčovič. Ex-Officio Members include UNFCCC Executive Secretary, UN-Habitat Executive Director, and the Co-Managing Directors of the Global Covenant of Mayors.

2008: The **Covenant of Mayors** was created with the support of the **European Commission** and inspired the set-up of many of the existing Regional/National Covenants worldwide.

2017: The Global Covenant of Mayors for Climate & Energy formally brings together the European Union's Covenant of Mayors and the Compact of Mayors – the world's two primary initiatives of cities and local governments – to advance city-level transition to a low emission and climate-resilient economy, and to demonstrate the global impact of local action.

2014: The **Compact of Mayors** was a global cooperative effort, launched by Ban Ki-moon and Mike Bloomberg at the UN Climate Summit, among mayors and city officials to pledge to reduce greenhouse gas emissions, track progress and prepare for the impacts of climate change.



Global City Networks & Partners

GCoM Leadership



GCoM ensures that signatories are continuously supported in their efforts. Cities receive step-by-step guidance and have access to tools, materials, and a dedicated regional/national helpdesk through leadership partners.

- [C40 Cities Climate Leadership Group](#) (US - Bloomberg)
- [ICLEI – Local Governments for Sustainability](#) (Global)
- [United Cities and Local Governments](#) (EU)
- [UN Habitat](#) (Global)
- [United Nations](#) (Global)

GCoM Programs

1. **Data4Cities:** *ClimateView/ClearPath*
2. **Innovate4Cities:** Innovate4Cities – the Urban Transitions Mission
3. **Invest4Cities:** *Funding* & International Coalition for Sustainable Infrastructure (ICSI)



“Enable GCoM cities, local governments, and the networks that support them in bridging the gap from climate ambition to action delivery.”

GCoM Mission

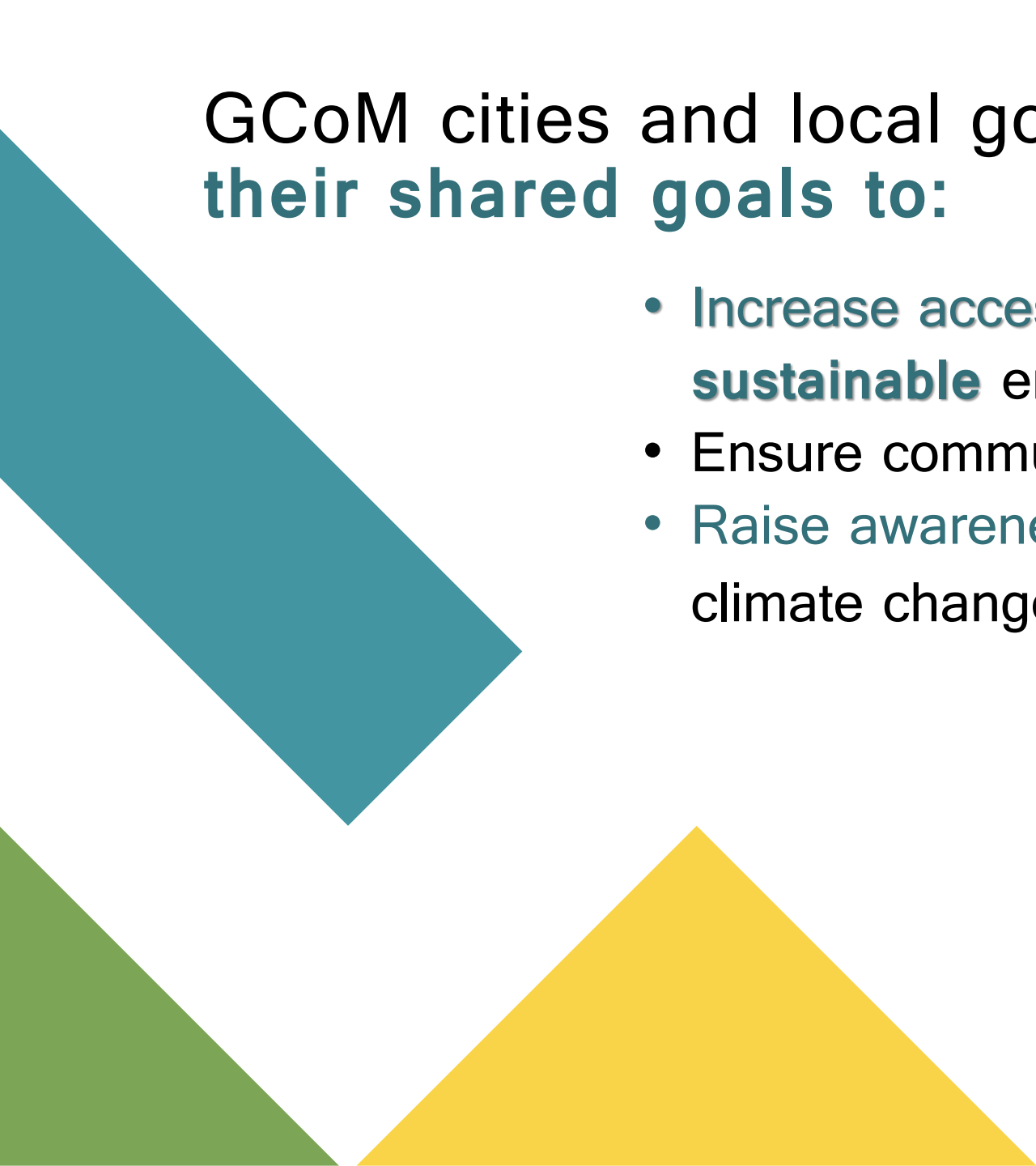
Norwalk Understands:

In the urgent and collective pursuit of global climate resilience, the role of subnational actors in shaping the trajectory of climate action is undeniable. The indispensable contribution of subnational governments, cities, towns, states, and regions fortifies the global response to climate change.

Maroš ŠEFČOVIČ

Executive Vice President for the European Green Deal
and Co-Chair of the Global Covenant of Mayors for
Climate & Energy





GCoM cities and local governments are **united in their shared goals to:**

- Increase access to secure, affordable, and **sustainable** energy
 - Ensure communities live in **healthy environments**
 - Raise awareness to **accelerate the response** to climate change
-

The Commitment

CITY JOURNEY

1. COMMIT
2. ASSESS
3. SET GOALS
4. PLAN
5. IMPLEMENT
6. MONITOR & REPORT
7. VALIDATE
8. UPDATE



All experiences are different! This is a path of reference that you can adapt to your own situation.



A mayor or local government official registers their city's commitment to GCoM, & they **pledge to:**

- 1. Reduce greenhouse gas emissions**
- 2. Enhance resilience to climate change**
- 3. Track their progress transparently**

The Commitment

Commit

Assess

Set Goals And
Targets

Develop
Action Plan

Implement

Monitor And
Report

Validate

Update

CITY OF NORWALK SUSTAINABILITY AND RESILIENCE PLAN

MARCH 2024



Norwalk is *already* on the path

1. COMMIT
2. ASSESS
3. SET GOALS
4. PLAN
5. IMPLEMENT
6. MONITOR & REPORT
7. VALIDATE
8. UPDATE

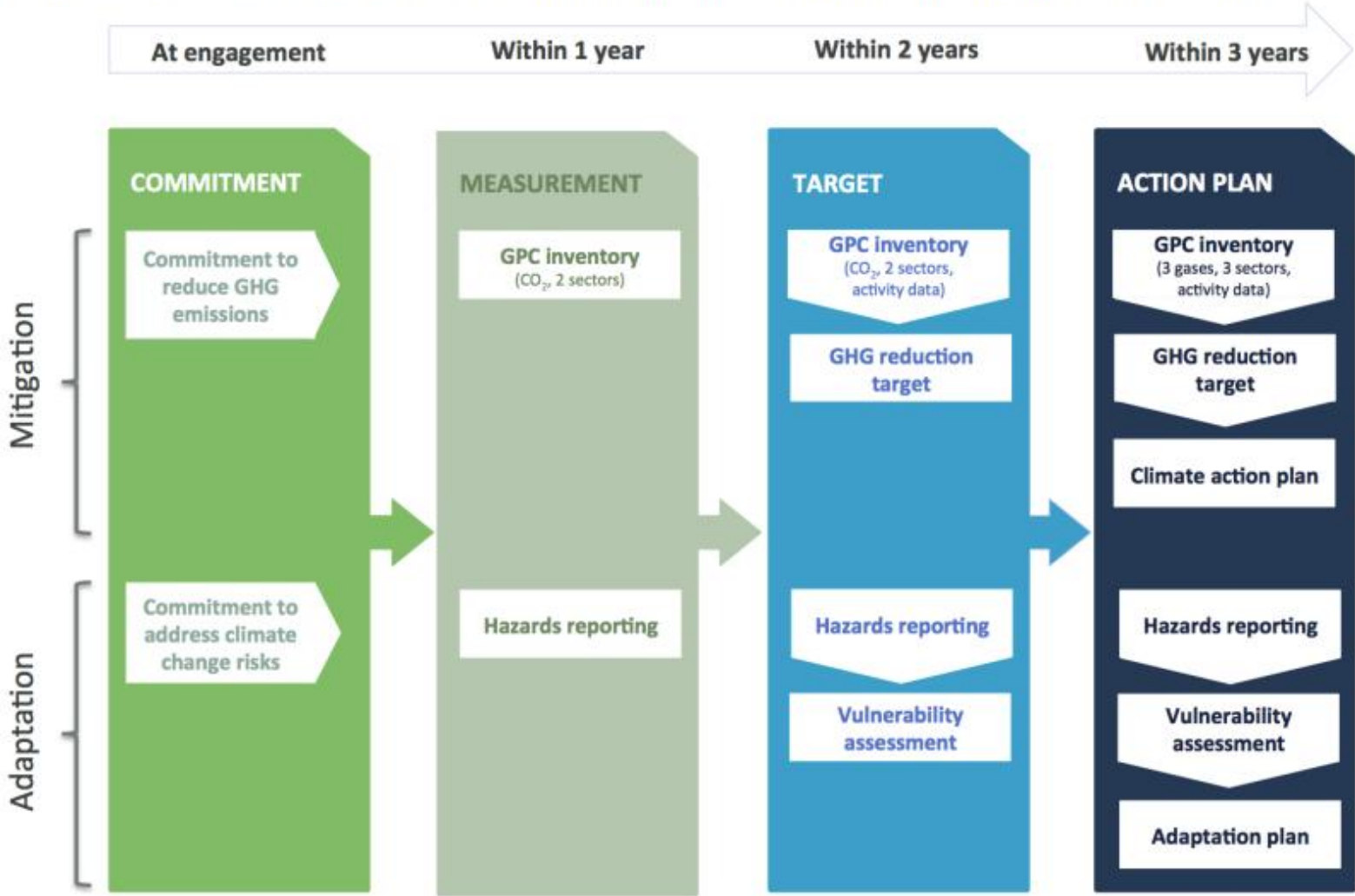


Compliance

REPORTING:

COMPACT OF MAYORS: DEFINITION OF COMPLIANCE

The Compact of Mayors offers cities¹ the opportunity to be recognized as leaders in local climate change. In order to do so, they must comply with the reporting requirements set out below:



This document provides further detail on the Compact of Mayors compliance requirements, with regards to mitigation (Part I) and adaptation (Part II).

NEW HAVEN, CT



The Global Covenant of Mayors uses maps that are consistent with the latest United Nations-recognized boundaries and delineations. The maps do not express opinions of GCoM on the legal status of any country, territory, city, or area, nor its authorities or boundaries.

COUNTRY
UNITED STATES

POPULATION
130,418

MAYOR
JUSTIN ELICKER

ANNUAL GHG EMISSIONS (MTCO₂e)
1,058,369

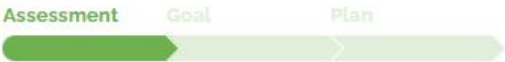
Badge

Phases: 2 completed out of 9

MITIGATION



ADAPTATION

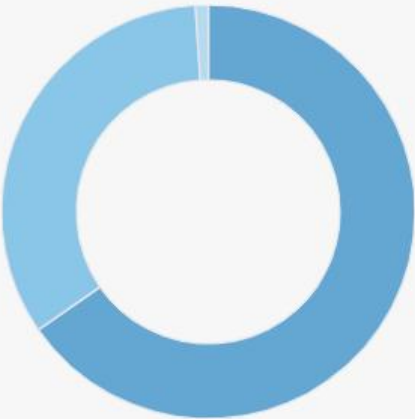


ENERGY ACCESS & POVERTY



→ Resources for Cities

EMISSIONS INVENTORY



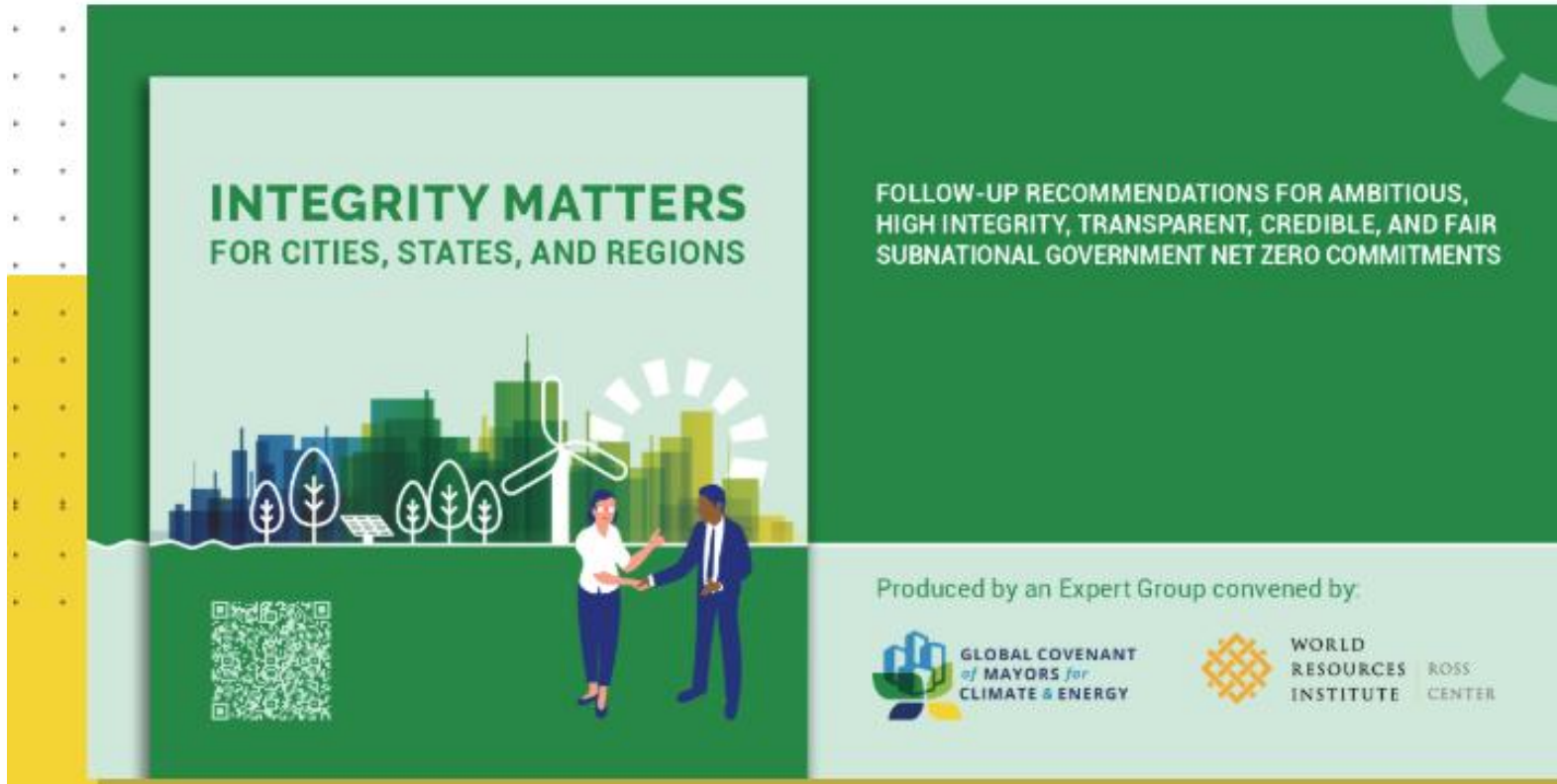
- Buildings 66%
- Transportation 34%
- Waste 1%

Join 188 other
US Cities

Bridgeport, CT	CT	8/18/2015
New Haven, CT	CT	2/2/2017

Why Join?

DEFINE: “Greenest City”



Report outlines recommendations for subnational governments to **ensure the credibility, accountability, and transparency** of their net zero commitments while acknowledging their *varied capacities and characteristics*.

**Aligns with
Sustainable CT**

BENEFITS

Encouragement & Inspiration

Guidance & Practical Support

Better Financial Opportunities

Resources and Tools

Visibility & Recognition

Shaping the future



Join ICLEI

*International
Council for Local
Environmental
Initiatives*

Membership Benefits	
Connect to more than 2500 local and regional governments as well as technical experts and a diverse community of partners worldwide	Access vital combination of methodologies, tools, knowledge and skills that support local projects at all stages of planning and implementation.
Members only conferences, workshops, webinars, and online platforms	ICLEI Members have ample opportunity to influence our global agenda with eligibility to vote and take part in our network-wide governing body.
Connections with businesses, financial institutions and other implementation partners that help strengthen innovation and resourcing	Members to speak at high level events to advance the interests of local and subnational governments on the global stage.
Up-to-date information on global advocacy processes, technical advancements and local sustainability leadership.	Get featured in our popular global communications channels

Allows for efficient, consistent emissions tracking to help with planning, monitoring, and reporting progress on climate efforts.



Joining ICLEI provides value with significant resources, tools, support and knowledge.

GHG Accounting Platform Comparisons			
	ClimateView - ICLEI	ClimateView - Keramida	City Inventory Reporting and Information System: C.I.R.I.S.
Annual Cost	2200	3750	0
Year 2	2400	7500	0
2 Year Total	4600	11250	0
Data Collection	No	Assist	No
Data Input	No	Possibly - +\$	No
Reporting	Assists	Assists	No
Staff Time	Medium	Medium	High

- *ClimateView* Greenhouse Gas Accounting platform was used to create report by Keramida for Norwalk Sustainability and Resilience Plan.
- NACTO Membership = \$10,000/year

ICLEI Advantage

GCoM Commitment Can Stand Alone

Joining ICLEI is not necessary, but it does provide highly economic and resourced means to making **ambitious, measurable, planned, transparent climate action**.

Norwalk Knows:

*With our combined knowledge and expertise,
and our collective commitment to climate
action, we can truly make a big difference.*

Abigail BINAY

Mayor of Makati, Philippines and Board Member of the
Global Covenant of Mayors for Climate & Energy





Let's **Do** This
