

The background features a teal color with white, wavy, vertical lines that create a sense of movement and depth. The lines are of varying thickness and curve, resembling stylized waves or a modern architectural pattern.

ENERGY SOLUTIONS IN THE DETROIT SUSTAINABILITY ACTION AGENDA

Nishaat Y. Killeen

Rise Up & Drawdown Conference

September 25, 2019



Office of
Sustainability

DETROIT'S FIRST OFFICE OF SUSTAINABILITY

- Established in 2017
- Mission is to create healthy, green, vibrant, accessible neighborhoods where all Detroiters can contribute and benefit through:
 - Collaboration between City departments and agencies;
 - Engagement and partnership among the City, citizens, and relevant organizations; and
 - Process and policy improvement
- Engagement for the Sustainability Action Agenda began in 2018



ENGAGING DETROITERS

- Guided by a **Sustainability Advisory Commission** (Co-Chaired by Bedrock, DTE Energy, and DEA)
- Engaged **6,000+ Detroiters** through townhalls, community meetings, web, and surveys
- Worked with 28 City departments through **Interdepartmental Workgroup**
- Empowered **14 residents as Sustainability Ambassadors** (2 per council district) to build local support and buy-in



THE DETROIT SUSTAINABILITY COMMUNITY SERIES





**DETROIT
SUSTAINABILITY
ACTION AGENDA**

2019

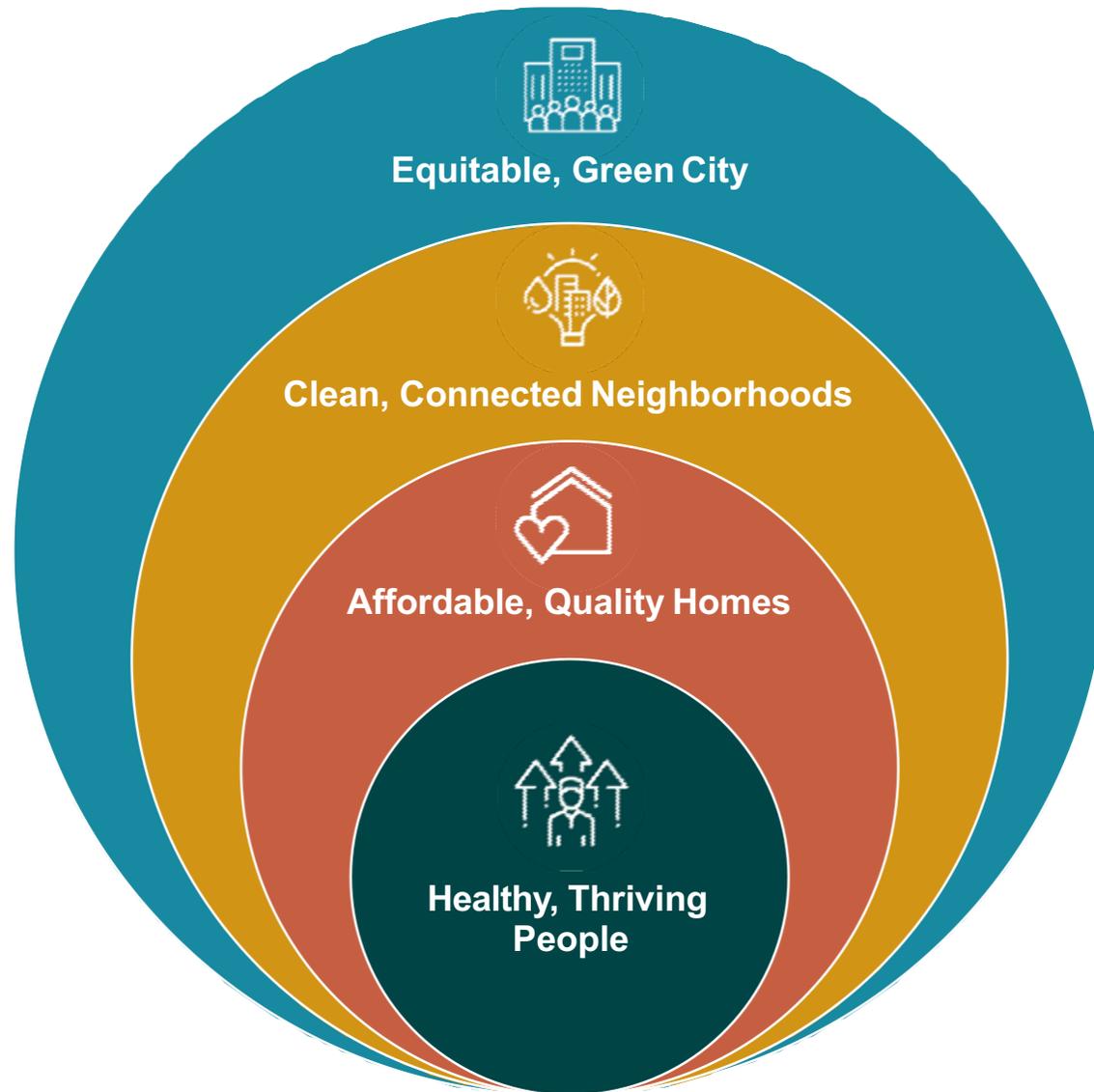
**THE
DETROIT
SUSTAINABILITY
ACTION AGENDA**

VISION

All Detroiters thrive and prosper in an equitable, green city; have access to affordable, quality homes; live in clean, connected neighborhoods; and work together to steward resources.



4 OUTCOMES



10 GOALS



Healthy, Thriving People

- Improve **air quality** and reduce impacts from **pollution**
- Increase access to healthy **food, green spaces**, and **recreation** opportunities
- Advance **equity** in access to **economic opportunity**



Affordable, Quality Homes

- Reduce the total **costs** of housing, including **utilities**
- Improve the **health** and **safety** of existing and new housing



Clean, Connected Neighborhoods

- Transform **vacant lots** and **buildings** into safe, productive, sustainable spaces
- Reduce **waste** sent to landfills
- Make it easier and safer to **get around Detroit** without a personal vehicle



Equitable, Green City

- Enhance infrastructure and operations to improve **resilience to climate impacts**
- Reduce municipal and citywide **greenhouse gas emissions**



OFFICE OF
Sustainability

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SAACTIONS



HEALTHY, THRIVING PEOPLE



Action

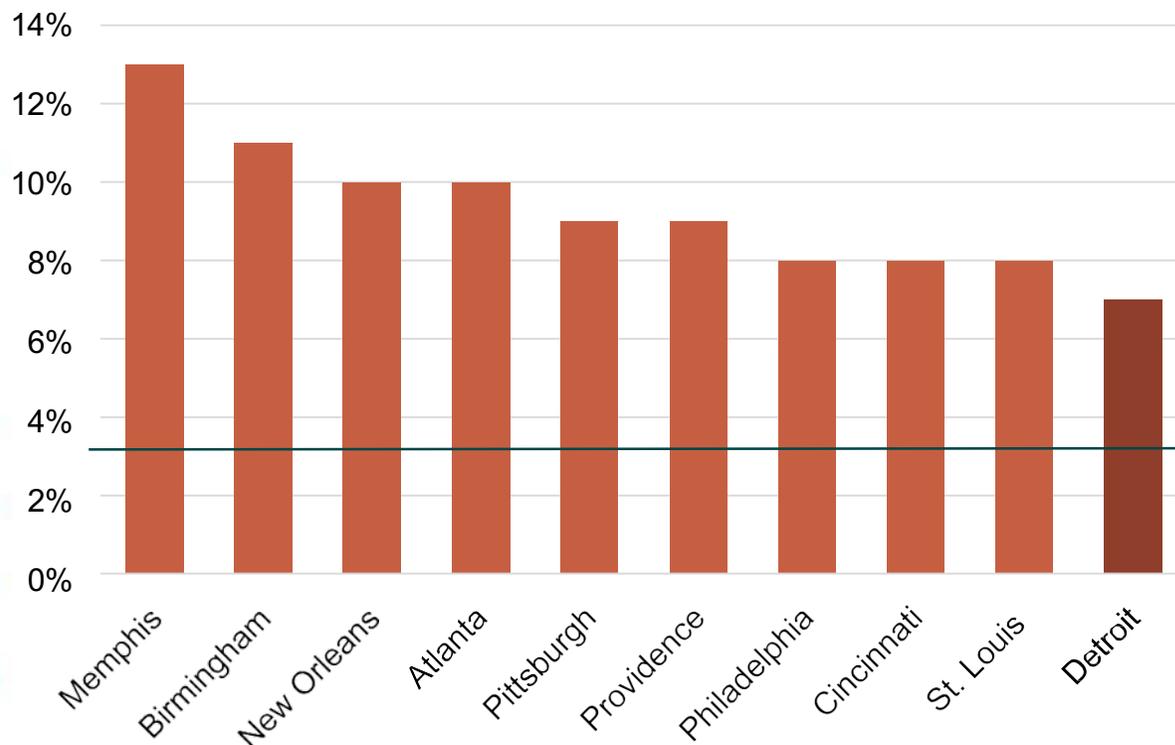
- Reduce emissions from city vehicles



AFFORDABLE, QUALITY HOMES



Low-income Energy Burden by City (2016)



Source: Energy Efficiency for All and ACEEE

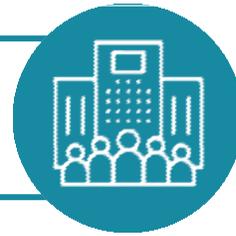
Actions

- Improve access to utility efficiency programs
- Develop green building guidelines for new development receiving city incentives

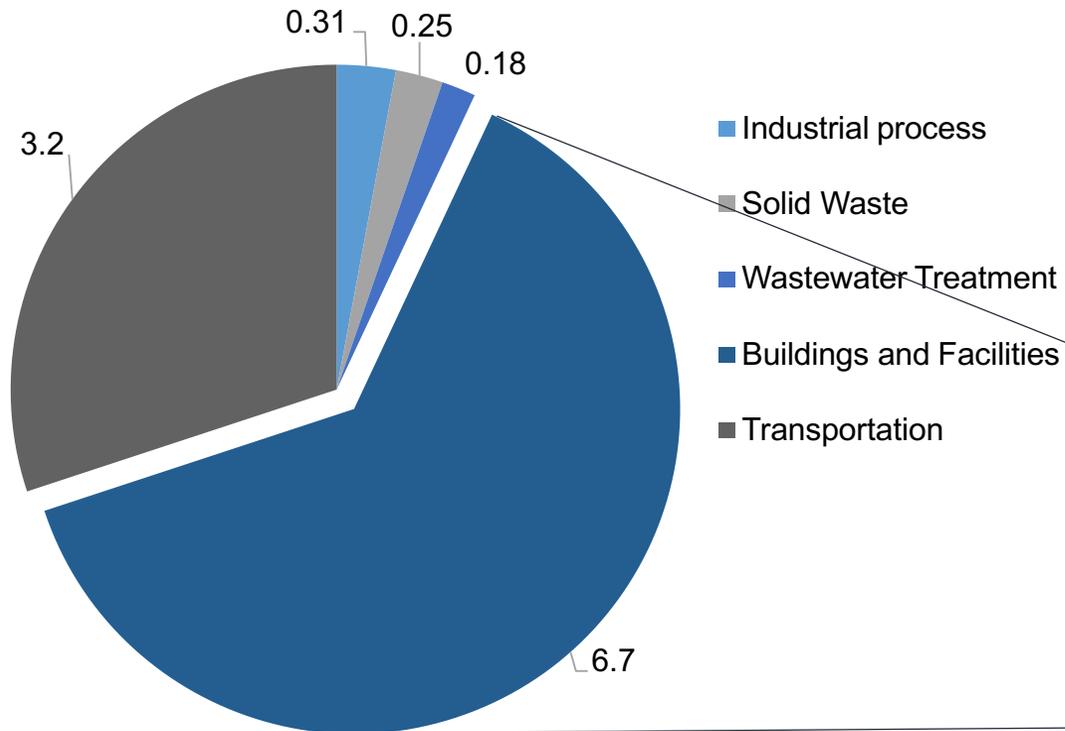
Median low-income energy burden (national)



EQUITABLE, GREEN CITY



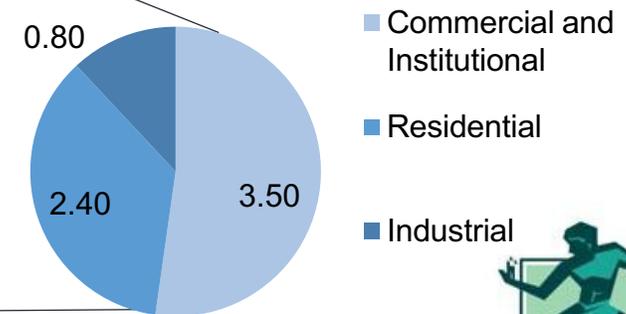
2012 Detroit Citywide GHG Emissions by Activity
(Million T Co₂e)



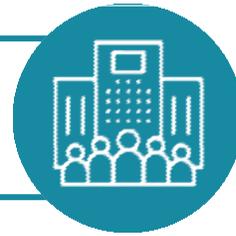
Action

- Launch Mayor's Energy Challenge program for Commercial Buildings

Emissions by Building or Facility Type



EQUITABLE, GREEN CITY



Action

- Enhance energy and water efficiency at City-owned facilities

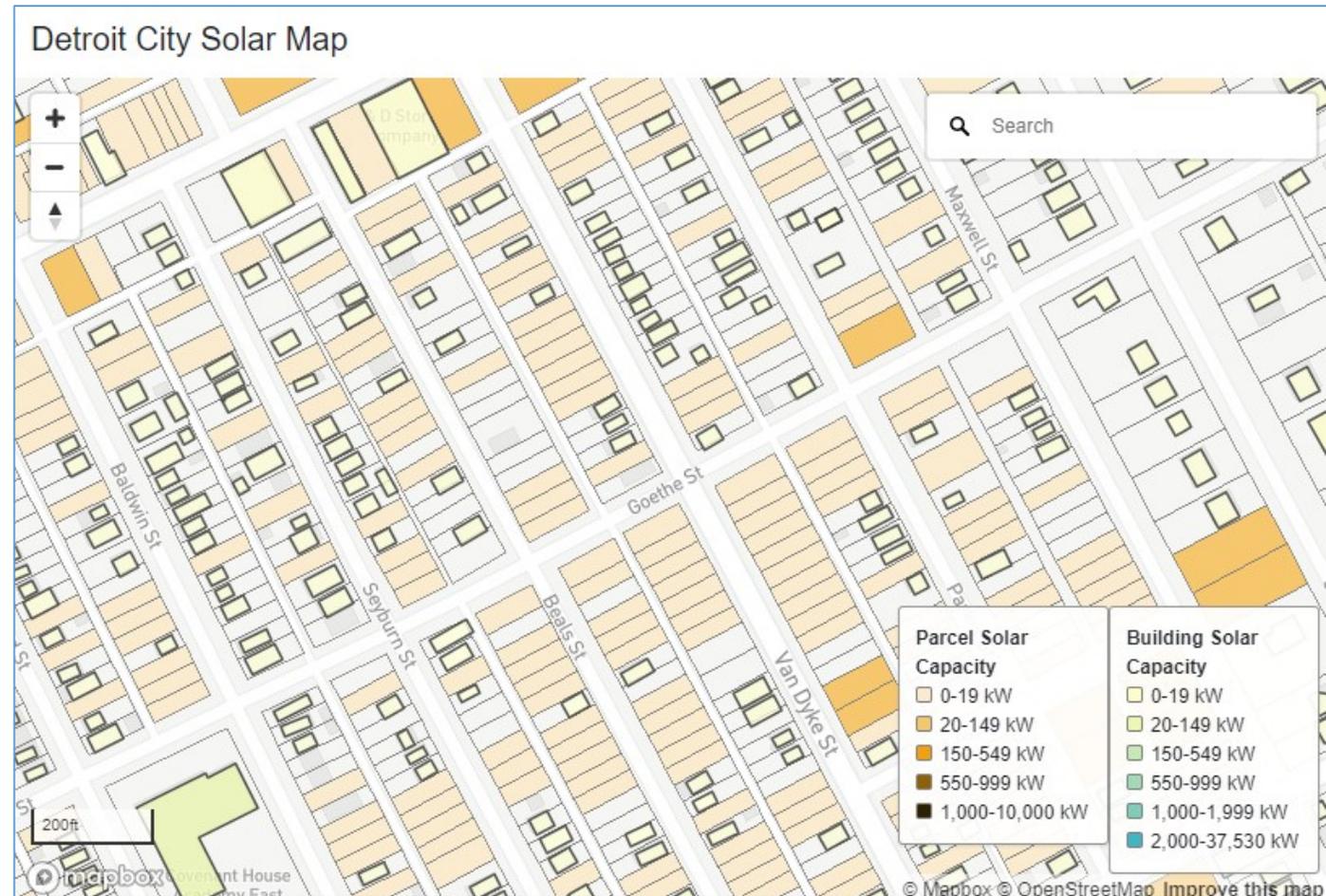


EQUITABLE, GREEN CITY



Action

- Increase adoption of solar PV





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