



Life's Just Better Here

2019 Communitywide Greenhouse Gas Inventory

August 23, 2022

REVIEW

Why 2019?



- Initial Baseline GHGI completed in 2019 using 2015 data



- 2019 is the latest year where all data was available



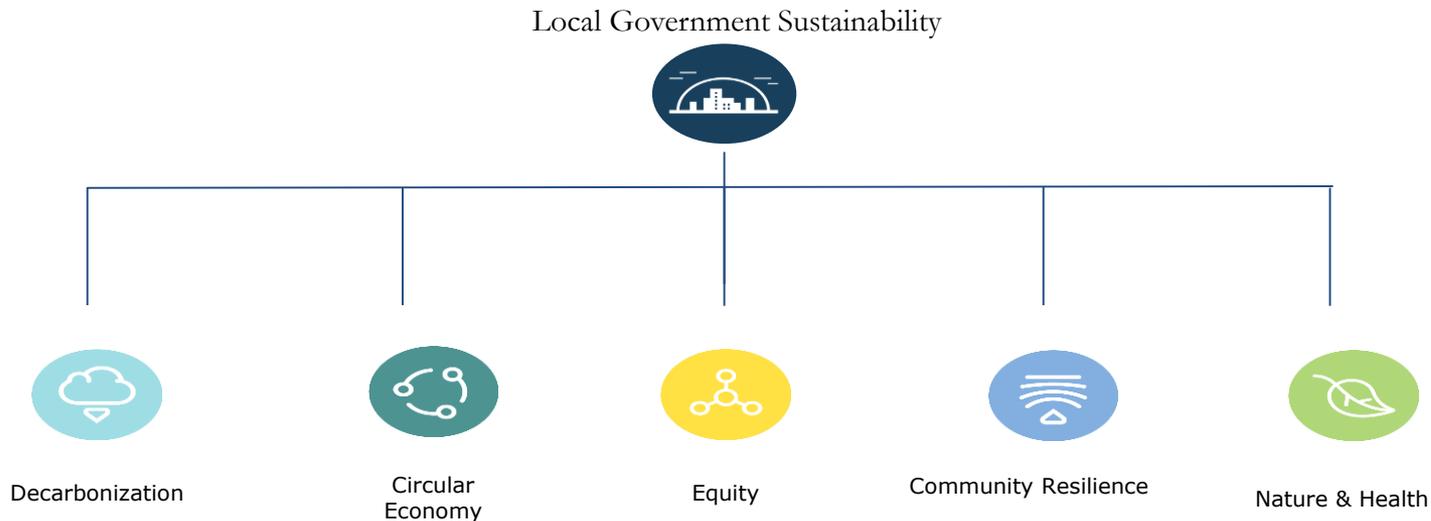
- Increased sense of urgency to reduce GHG emissions



- ICLEI offered the service at a reduced rate

ABOUT ICLEI

• **ICLEI – Local Governments for Sustainability** is a global network working with more than 2,500 local and regional governments committed to sustainable urban development. Active in 125+ countries, we influence sustainability policy and drive local action for low emission, nature-based, equitable, resilient and circular development. Our Members and team of experts work together through peer exchange, partnerships and capacity building to create systemic change for sustainability.



RESULTS

EMISSIONS AT A GLANCE

1 Transportation
62%

2 Residential
Energy
19%

3 Commercial
Energy
15%

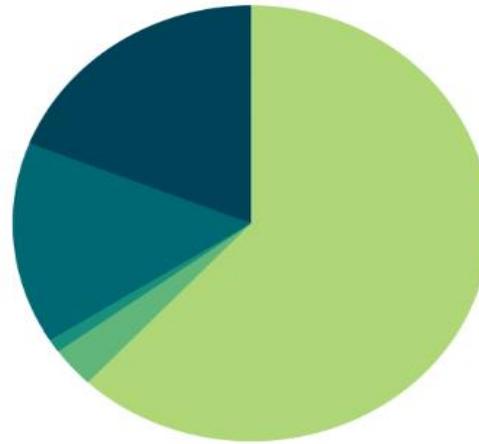


Figure 1: Community-Wide Emissions by Sector

Baseline 2015 to 2019 Comparison

Table 4: 2015 and 2019 Primary Community-Wide Emissions Comparison

Sector	Fuel or Source	2015 Usage	2019 Usage	2015 Emissions (MT CO ₂ e)	2019 Emissions (MT CO ₂ e)	Percent Change in Emissions
Residential	Electricity	88,863 MWh	54,169 MWh	30,536	16,452	-47%
Commercial	Electricity	50,024,207 kWh	43,489,129 kWh	17,266	13,199	-24%
On-Road Transportation	Gasoline	28,506,135 VMT	88,395,405 VMT	10,606	36,882	+247%
	Diesel	5,208,185 VMT	8,991,184 VMT	8,836	13,280	+50%
Waste	Waste	12,891 tons	7,250 tons	4,464	2,513	-44%
Water & Wastewater	Electricity	1,173,470 kWh	1,874,051 kWh	653	569	-12%



Next Steps

- We must reduce VMTs, encourage shift to EVs, mode switching
- TOCs and “downtownification” of corridors trend will help
- Encourage alternative energy sources like solar

Key Principles

- It is critical to have a **2030 Science based targets (SBT)**
- Planning should incorporate rapidly **changing trends**
- Programs should take a **holistic approach**, including health, resilience, and equity
- Local government can't do it alone. **Collaboration with state and utilities** is essential
- Inventories provide the foundation for **informed decisions and transparency**

Thank You



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Questions?