10-11-2022

# Our Climate Future Implementation


Presented by:

Honore Depew
Climate Program Manager

John Phelan
Energy Services Manager and Policy Advisor

Molly Saylor
Lead Specialist, Waste Reduction and Recycling


City of Fort Collins

How does the content and timing of the Council Action Roadmap align with Councilmember priorities?

What target would Councilmembers like to consider for the 2026 interim GHG goal at the October 25 meeting?

**Strategic Objective 4.1**: Intensify efforts to meet 2030 climate, energy and 100% renewable electricity goals that are centered in equity and improve community resilience

## BETTER TOGETHER

- Shared Leadership and Community Partnership
- Zero Waste Neighborhoods
- Climate Resilient Community

## LIVE BETTER

- Convenient Transportation Choices
- Live, Work and Play Nearby
- Efficient, Emissions Free Buildings
- Healthy Affordable Housing
- Local, Affordable and Healthy Food

## RESOURCE BETTER

- Healthy Local Economy and Jobs
- Zero Waste Economy

## BREATHE BETTER

- Healthy Natural Spaces
- 100% Renewable Electricity
- Electric Cars and Fleets

**Mitigation – Resilience – Equity**

## City-led

- Council's current work and priorities advance Our Climate Future
  - infrastructure & policy (e.g., bike lanes, building codes, land use, etc.)
- Partnerships
- State and Federal legislation
- Leadership at every level

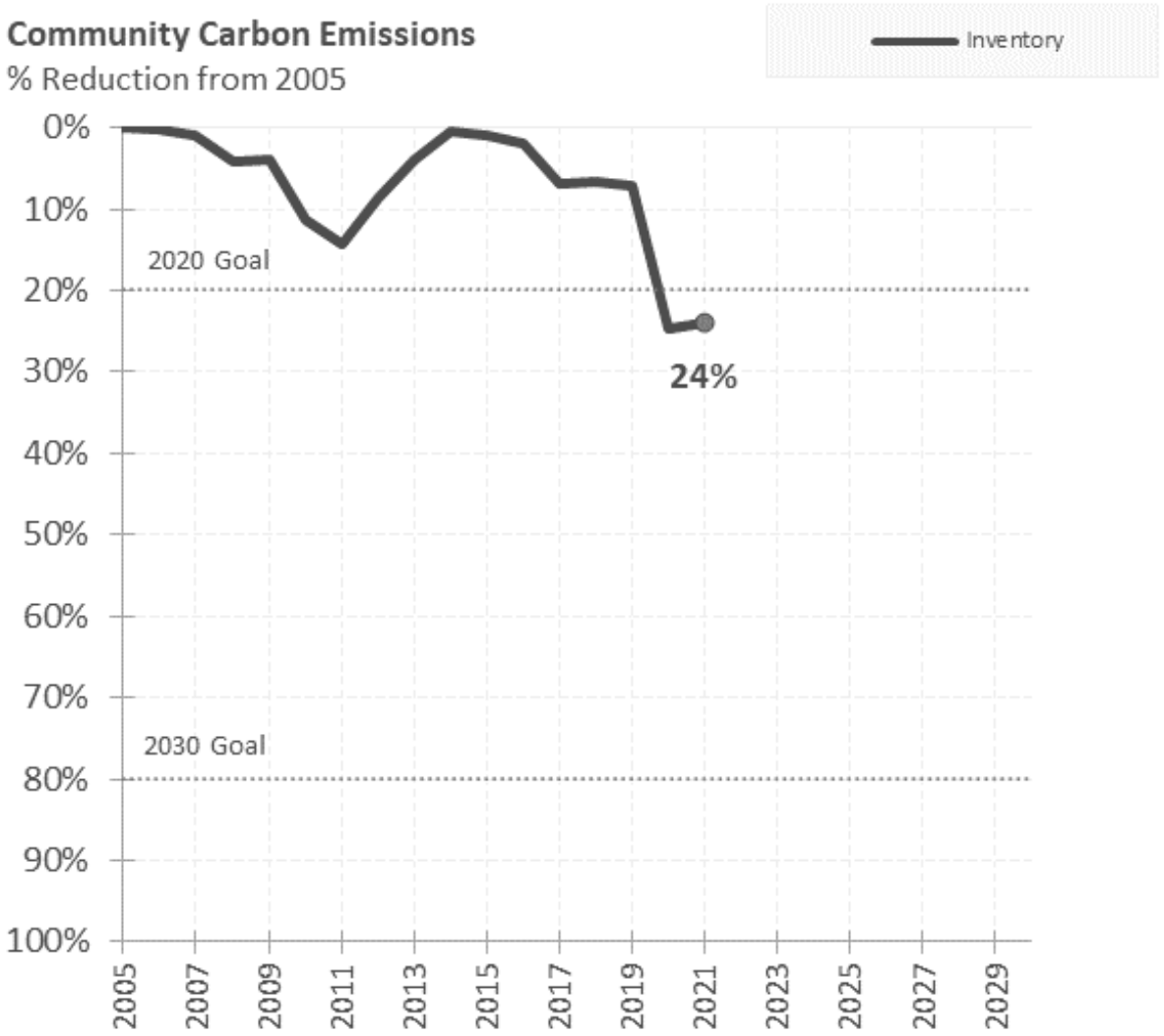
## Co-led

## Community-led

- Community GHG Inventory – 2021
- GHG Pathways – 2030 Forecast
- Interim GHG Goal – 2026 Target
- Waste Pathways – 2030 Forecast
- City Council OCF Action Roadmap

OUR CLIMATE FUTURE

# Community Emissions Inventory

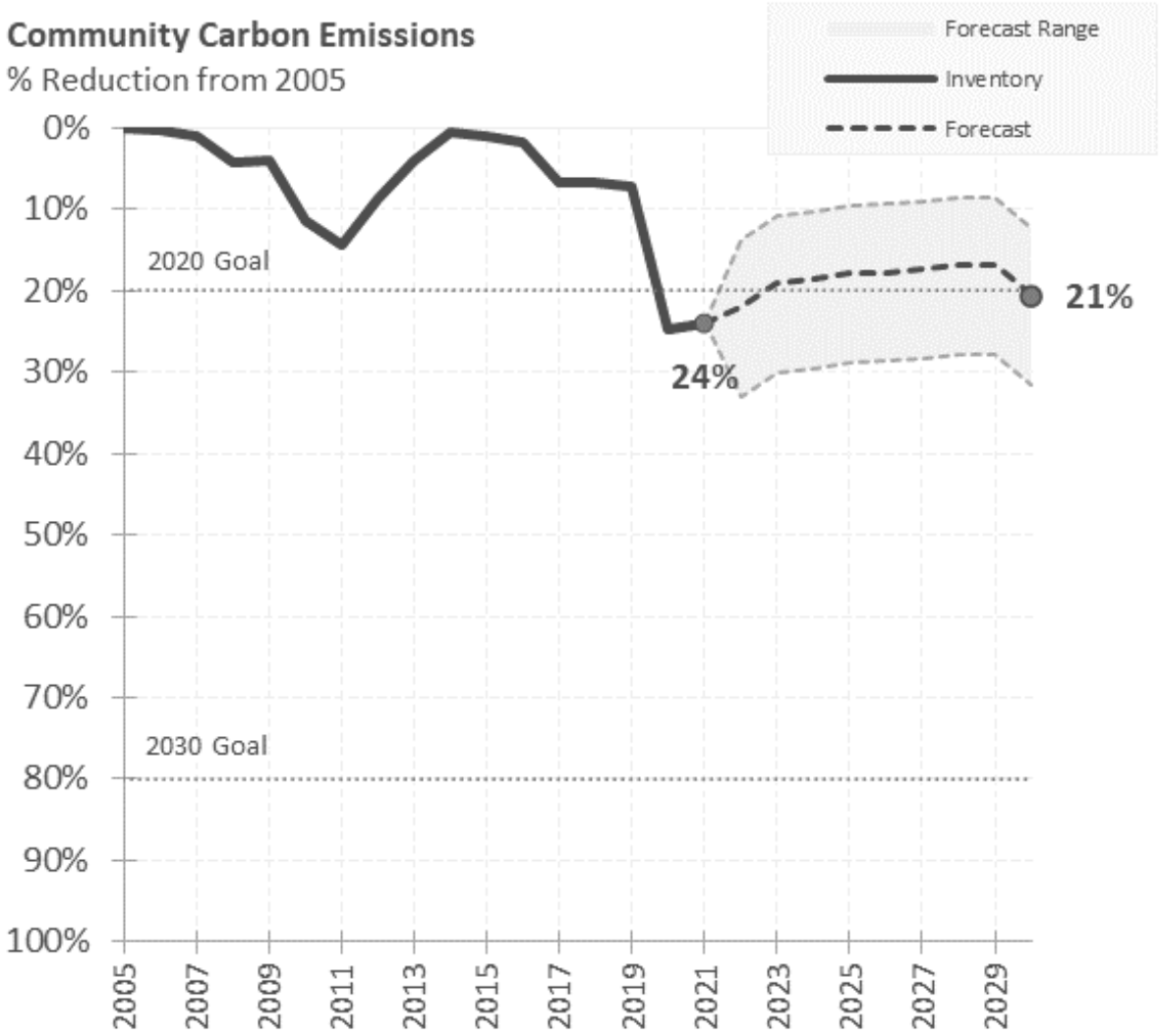



## 2021 Inventory Highlights

- Small increase from 2020
- Progress in most areas
- Transportation back near pre-covid level, but below 2019

Inventory continuously evolving, with year-round updates

# Community Emissions Forecast



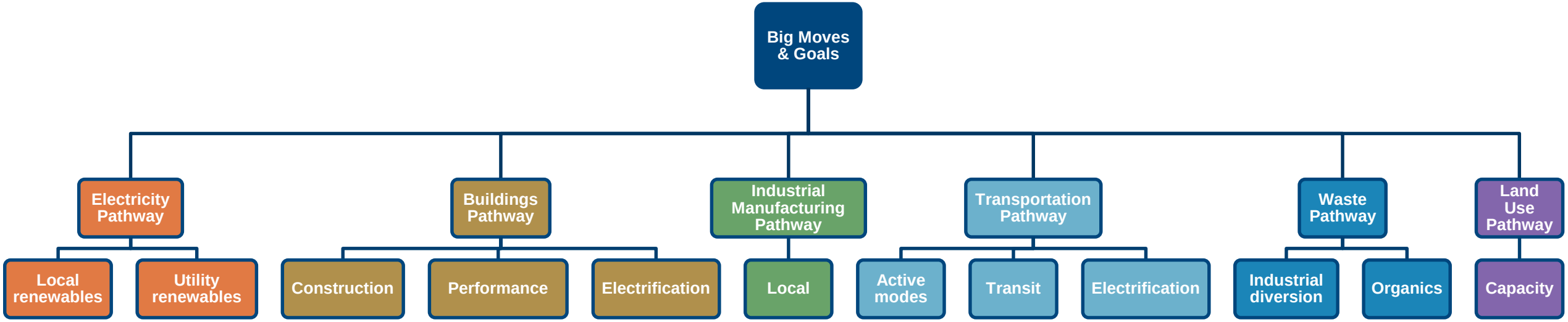

## 2030 "Do Nothing More" Forecast

- Includes population growth, weather, existing regulations and resource changes
- Range based on historic variation

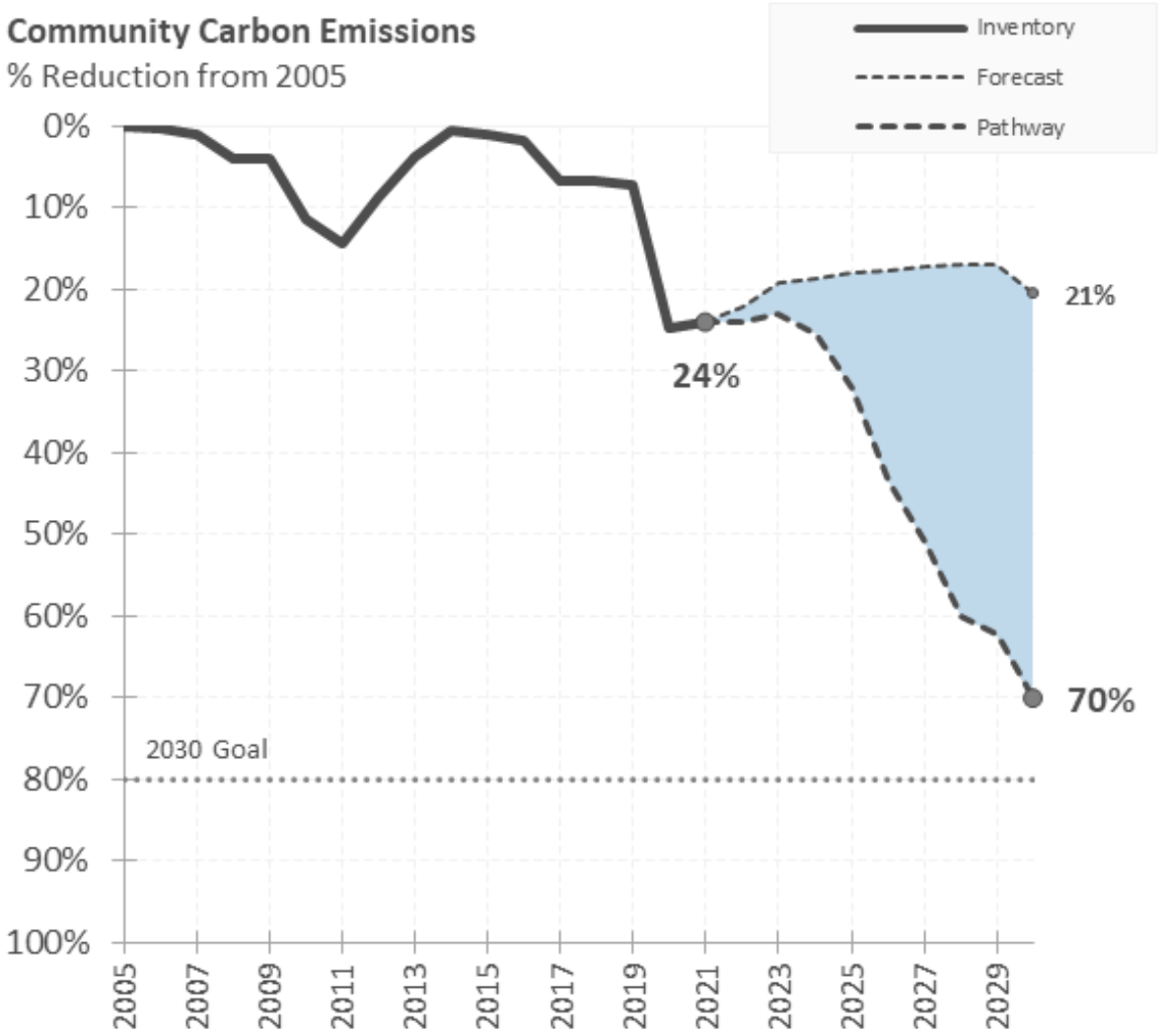
Inventory continuously evolving, with year-round updates

Based on Next Moves (active or pending)

- Grouped by sector strategy
- Quantifiable reductions for GHG and/or waste between now and 2030
- Defined implementation mechanisms and City roles



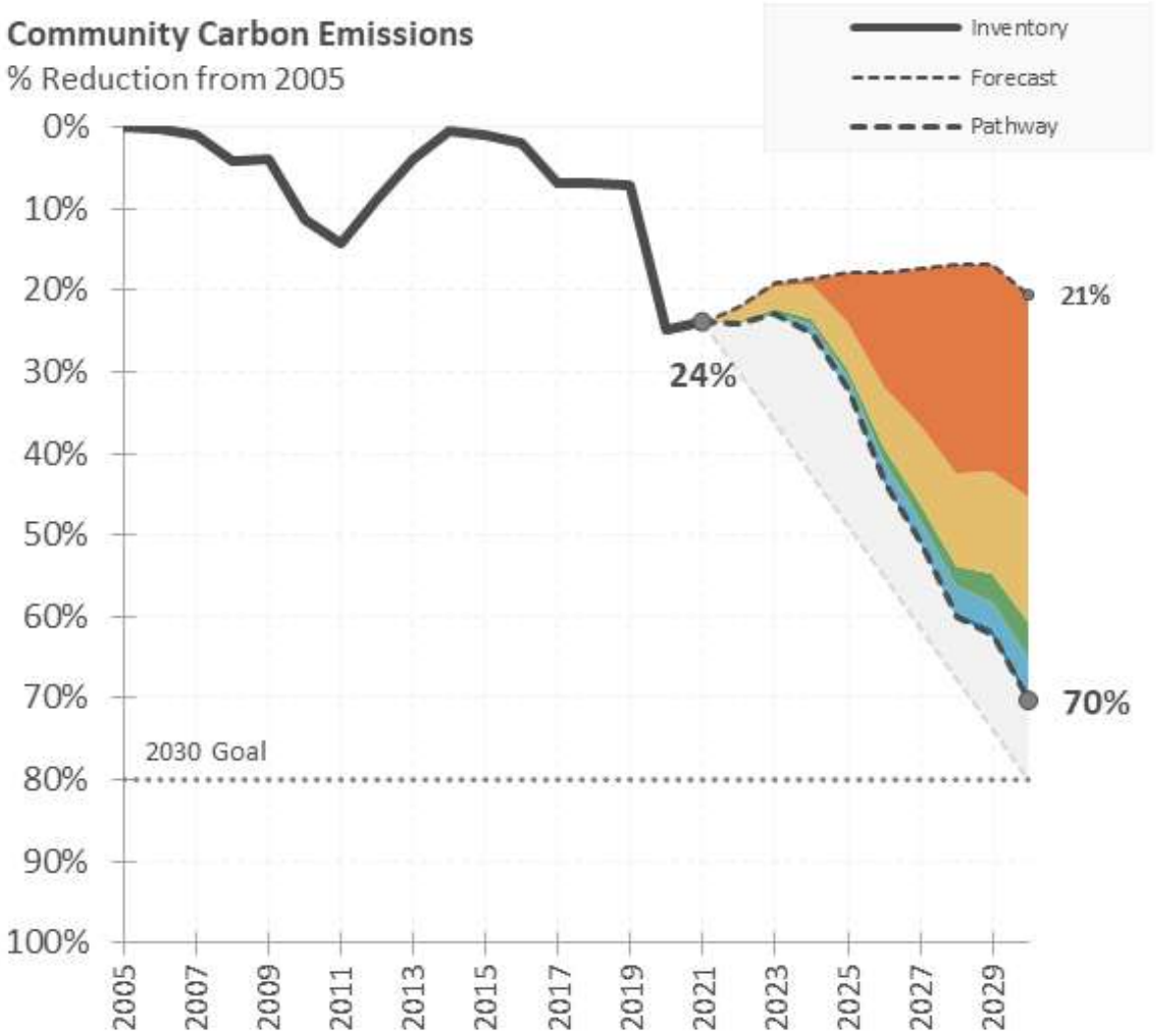
# Community Emissions Pathways to 2030




## Pathways

- Quantified pathways result in a 70% carbon emissions reduction by 2030

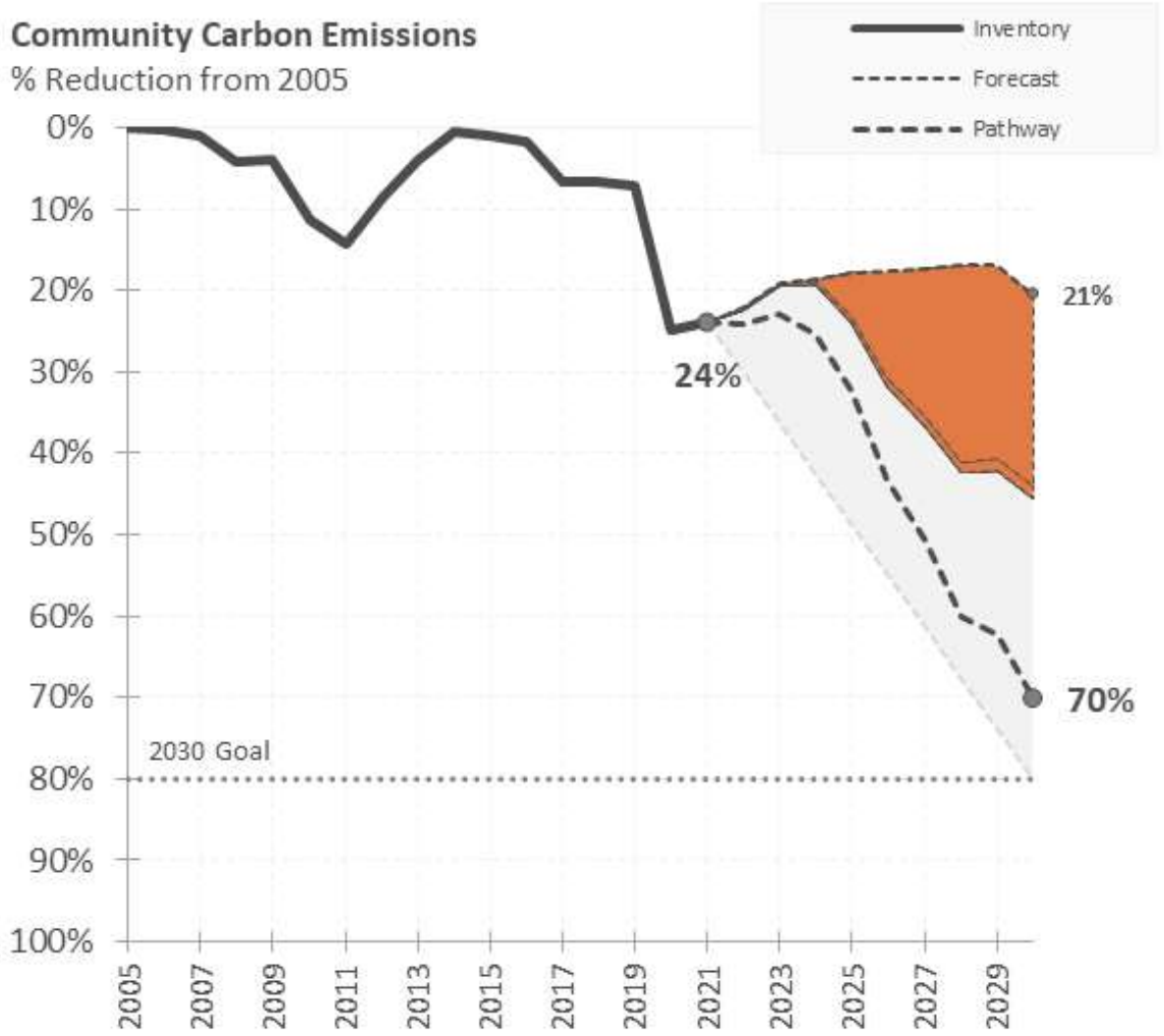
# Community Emissions Pathways to 2030




| Pathways | 2030 |
|---|---|
| Electricity | 24.5% |
| Buildings | 15.0% |
| Industrial Manufacturing | 4.5% |
| Transportation | 4.0% |
| Waste | 0.9% |
| Land Use | 0.1% |
| Undetermined to Goal | 10% |

Last 10% requires additional community leadership action

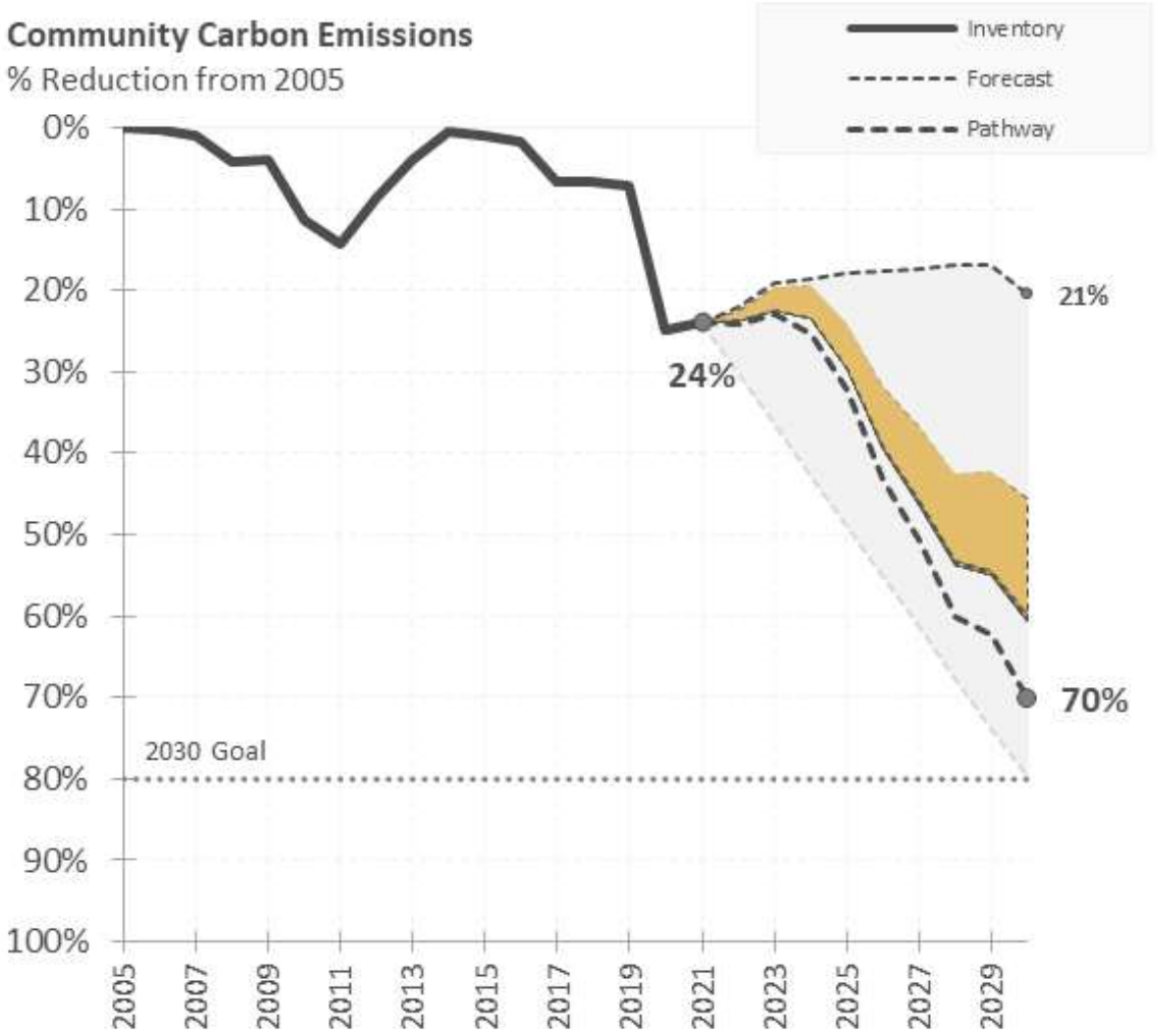
# Community Emissions Pathways to 2030




| Pathways | 2030 |
|---|---|
| **Electricity** | **24.5%** |
| Utility Renewables | 23.0% |
| Local Renewables | 1.5% |
| Buildings | 15.0% |
| Industrial Manufacturing | 4.5% |
| Transportation | 4.0% |
| Waste | 0.9% |
| Land Use | 0.1% |

Collaboration with Platte River essential for the electricity pathway

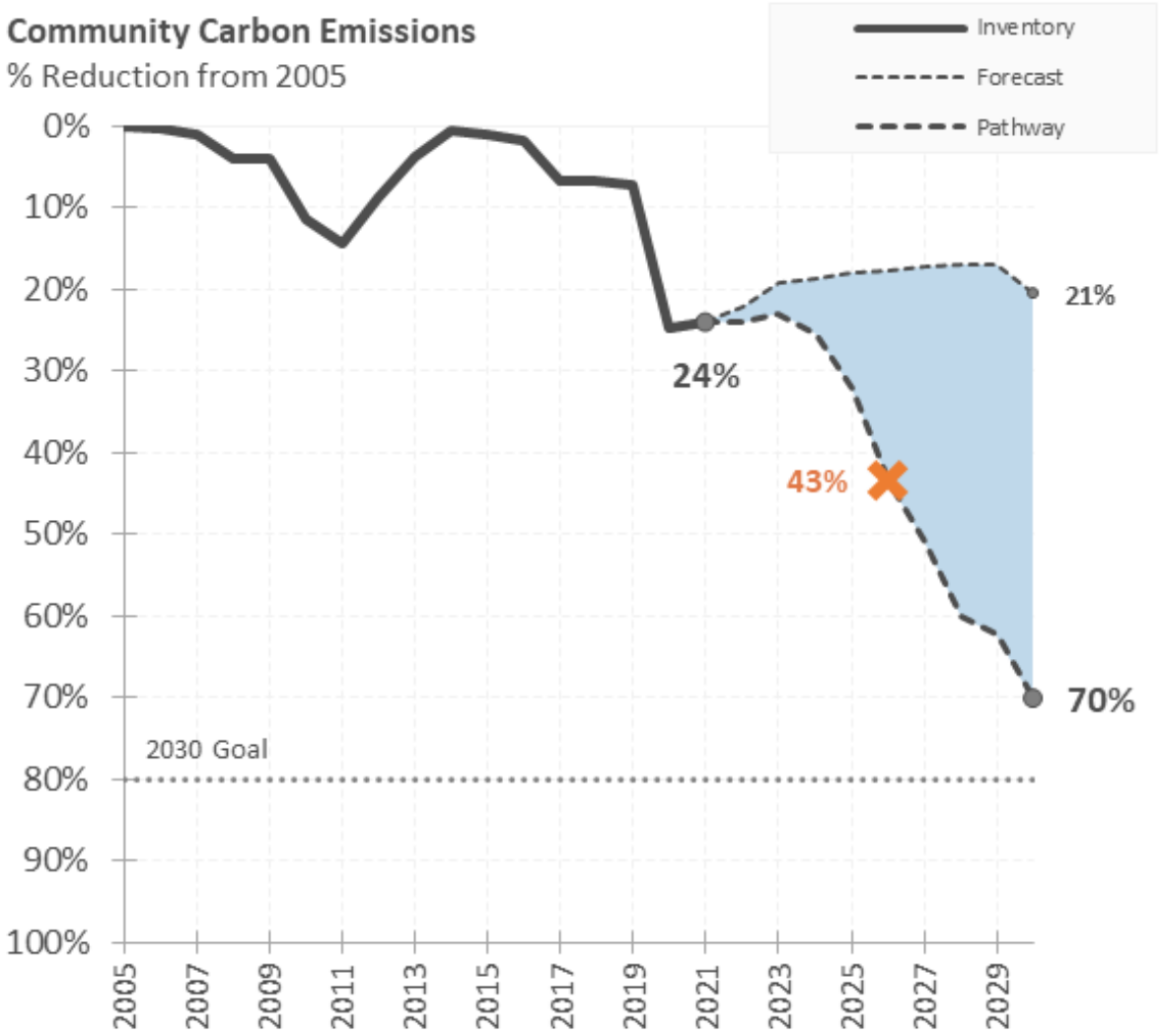
# Community Emissions Pathways to 2030




| Pathways | 2030 |
|---|---|
| Electricity | 24.5% |
| **Buildings** | **15.0%** |
| Performance | 14.0% |
| Construction | 0.5% |
| Electrification | 0.5% |
| Industrial Manufacturing | 4.5% |
| Transportation | 4.0% |
| Waste | 0.9% |
| Land Use | 0.1% |

Majority of savings from improving existing buildings

# Interim Goal Context




**2026 Forecast *with* Pathways**

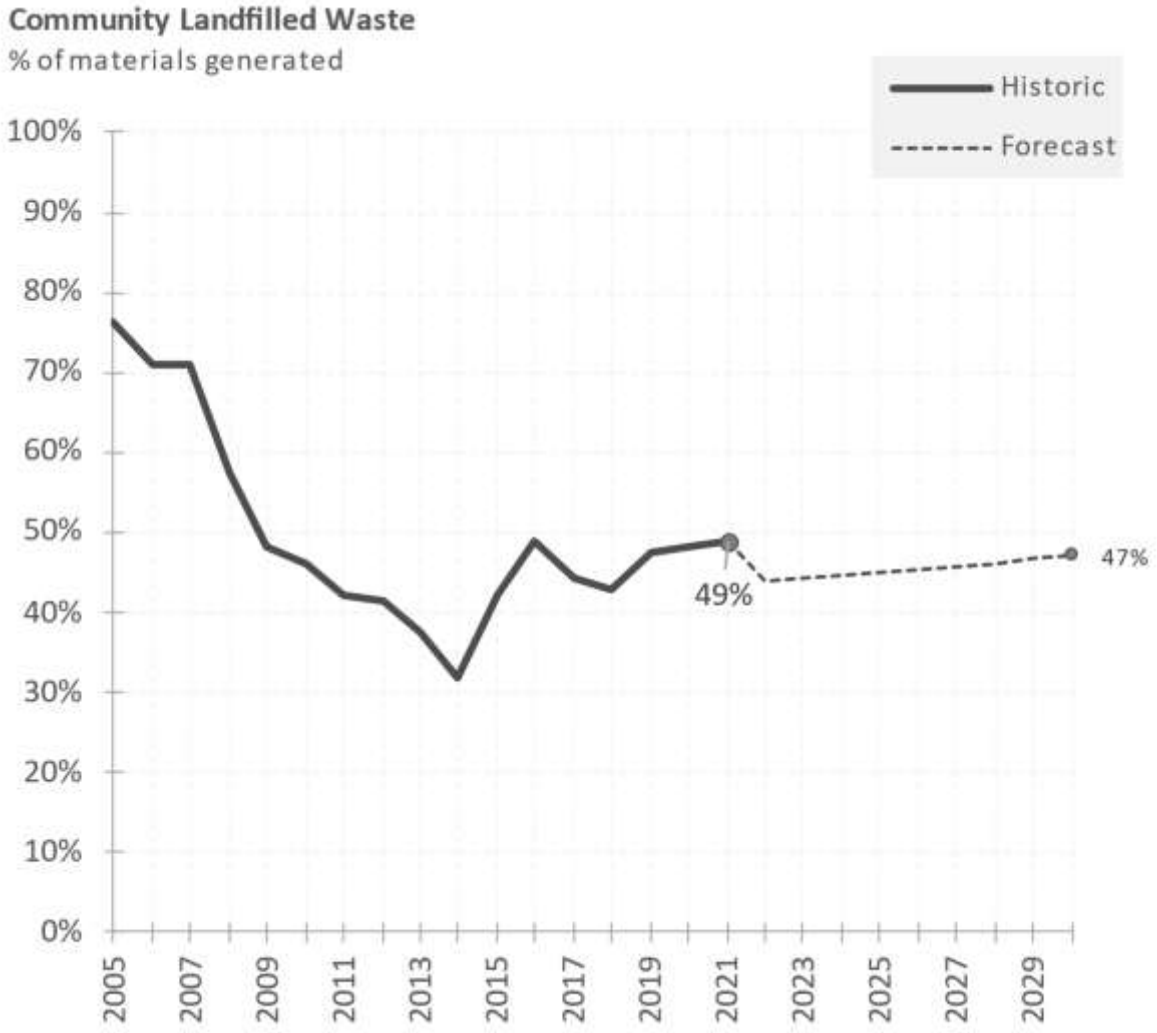
**≈ 43% reduction from 2005**

# Community Waste


## 2021 Highlights

- 49% landfilled (51% diversion)
- Community Recycling Ordinance increased recycling significantly
- More residential and commercial materials landfilled
- Temporary drivers tapering off

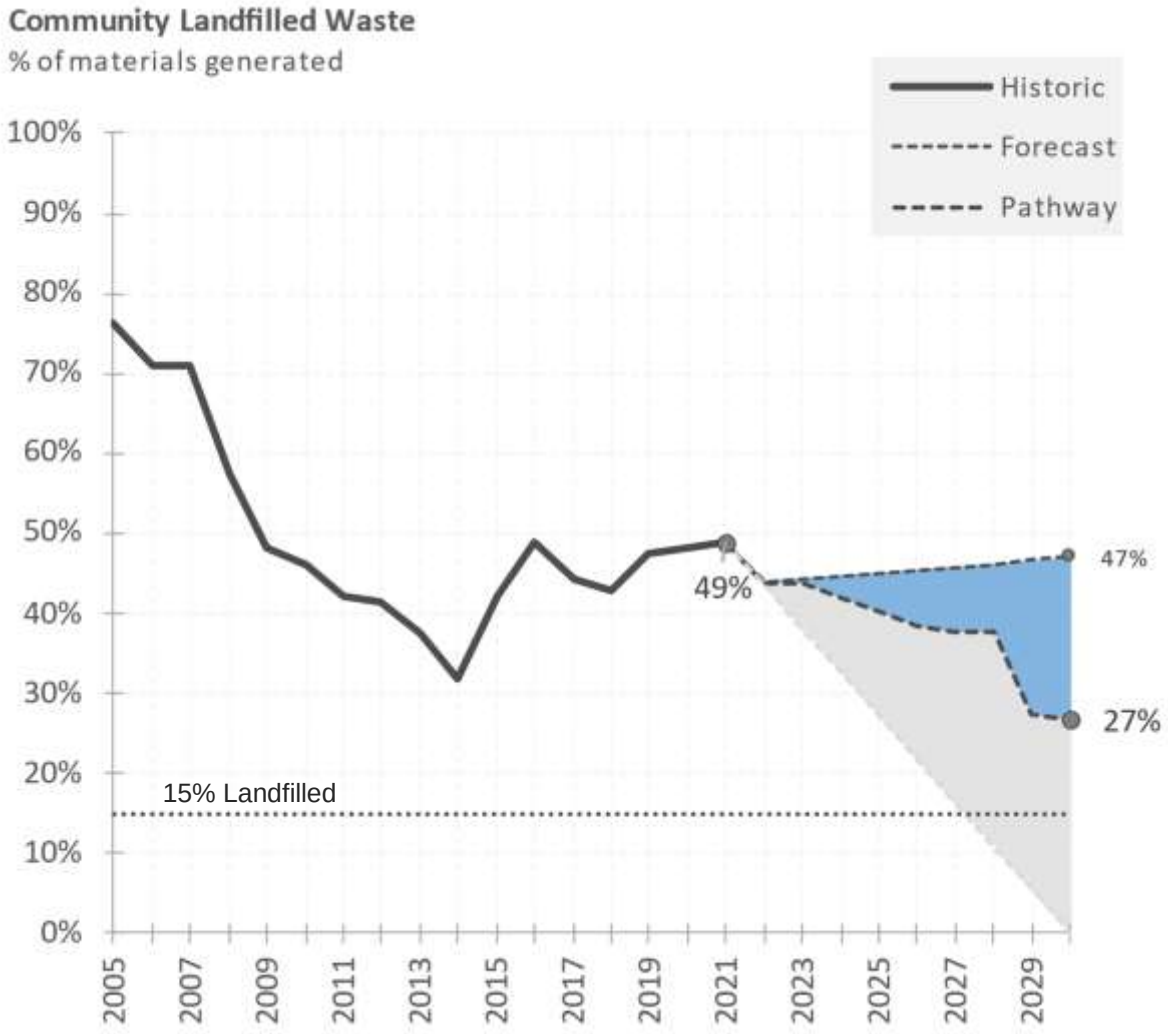
1% loss of progress but significant progress on recycling




## 2030 Forecast

- Assumes both recycling and landfilling increase slightly, based on recent trends

# Community Waste Pathways to 2030

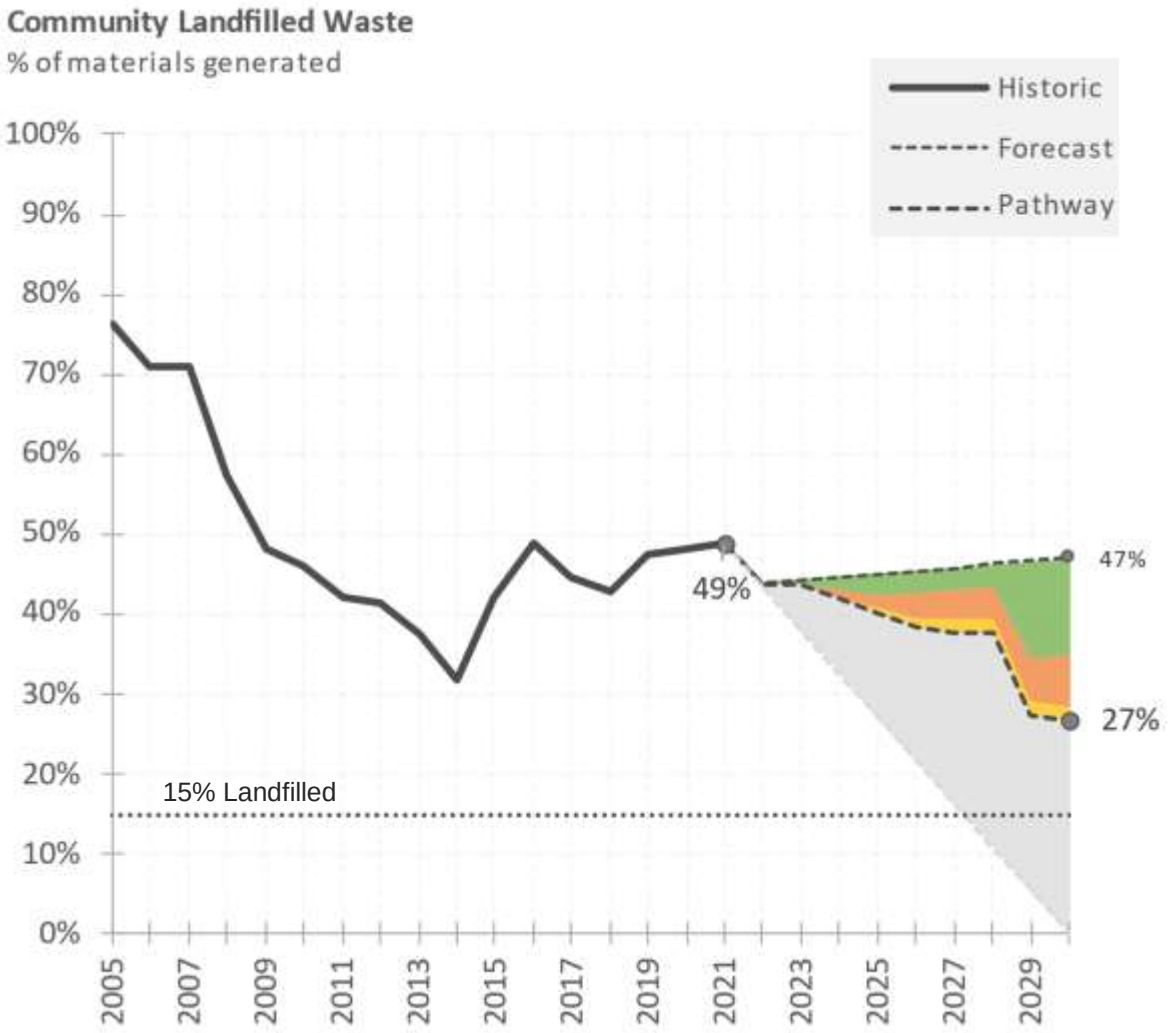



## Pathways

- Quantified pathways drop landfilled materials to 28% (72% diversion)
- 15% of material being landfilled is a common “ceiling” for cities
- Remaining potential
  - Recycling behavior
  - System design (Circular Economy, Extended Producer Responsibility, more reuse, etc.

Significant progress through pathways and leadership needed at all levels

# Community Waste Pathways to 2030




| Pathways | 2030 |
|---|---|
| Construction and Demolition Materials Recycling | 12% |
| Food Scraps & Yard Trimmings Composting | 6% |
| City Industrial Materials Recycling | 2% |
| Remaining potential (e.g., behavior change, circular economy, extended producer responsibility, etc.) | 27% |

Progress accelerates with regional composting and C&D infrastructure

## 2022

- Adopt Land Use Changes
- Develop Rental Registration
- Adopt Active Modes Plan
- Develop Sustainable Funding
- Develop contracted residential waste collection including expanded yard trimmings

## 2023

- Develop Building Performance Standards
- Develop home energy listing requirement
- Adopt contracted residential waste collection including expanded yard trimmings

## 2024

- Adopt Building Performance Standards
- Adopt Home listing requirements
- Develop energy code step towards net-zero carbon
- Adopt Land Use Phase 2
- Start residential waste collection including yard trimmings
- Develop/adopt commercial & industrial policy for yard trimmings

## 2025

- Adopt Energy code
- Start home energy listing requirements
- Start commercial/ industrial policy for yard trimmings

## 2026

- Start building performance standards (large buildings)
- Start West Elizabeth Bus Rapid Transit

Buildings | Land Use | Mobility | Waste

## 2027

- **Start building performance standards** (small & mid-size buildings)
- **Develop net-zero carbon energy code**

## 2028

- **Adopt Energy Code**
- **Start energy requirements** for rental properties
- **Start North College MAX**

## 2029

## 2030

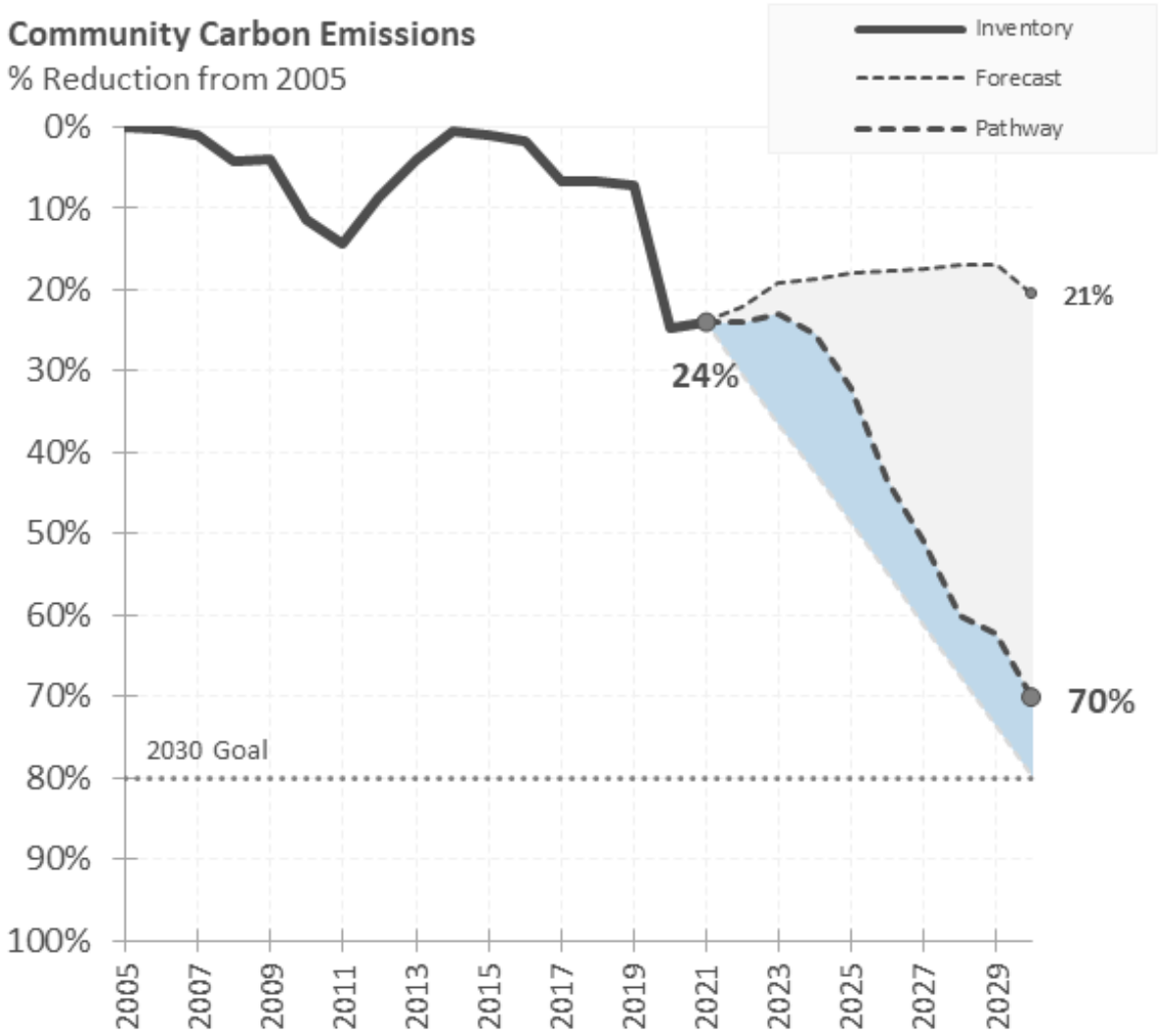
- **Start higher building performance standards** for all buildings

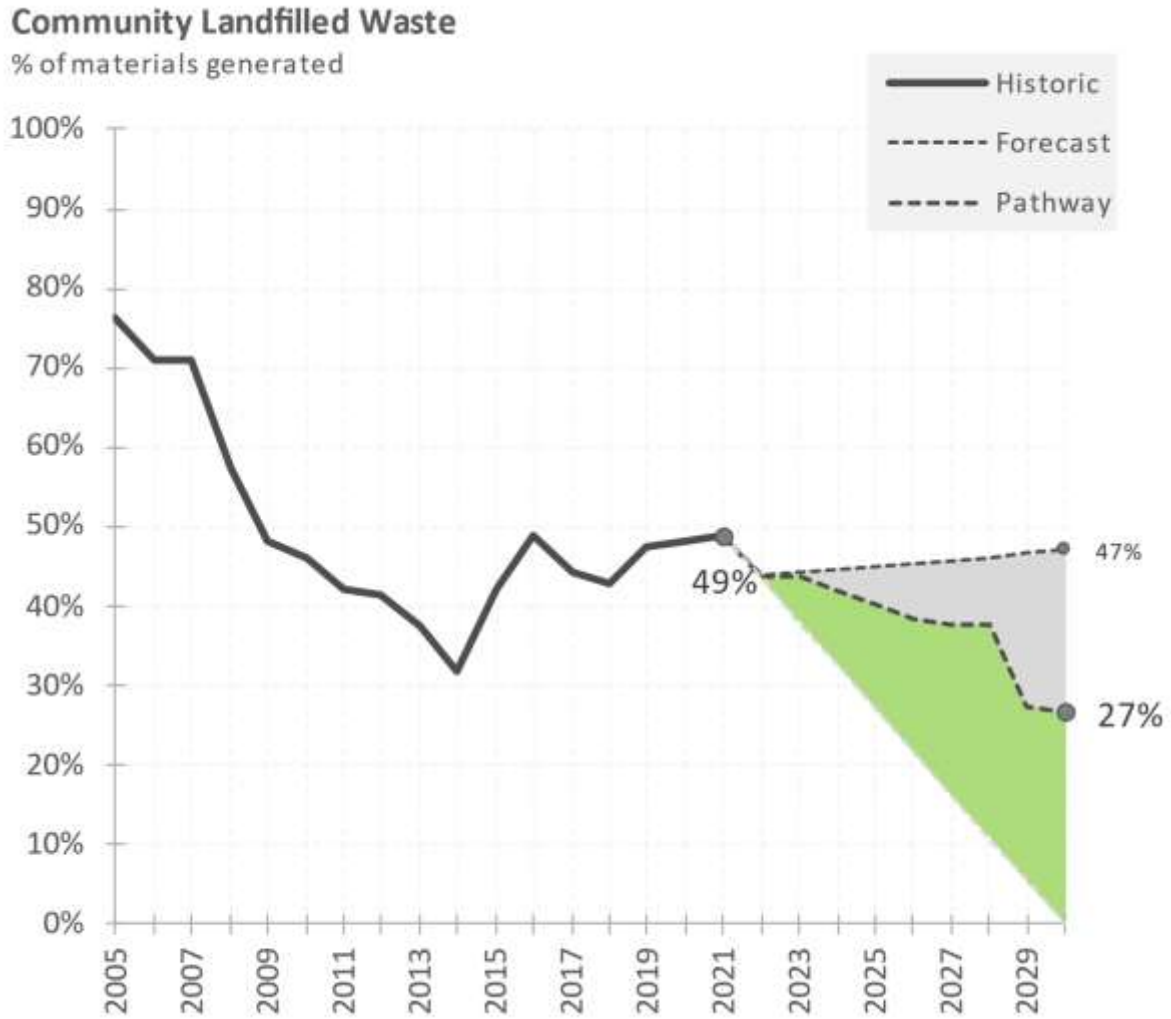
## Unscheduled

- **Food scraps policy**
- **Construction & demolition materials policy**

Buildings Land Use Mobility Waste

# Beyond the Roadmap



## City-led

- Council's current work and priorities advance Our Climate Future
- Partnerships
- State and Federal legislation
- Leadership at every level

## Co-led

- Many existing community partnerships, e.g., Larimer County Conservation Corps, Bike Fort Collins
- 2023-2024 Budget
  - 32.9 Disposable Bag Implementation
  - 32.16 Sustainable Business Program
  - 32.17 Increasing Community Leadership for OCF
  - Many examples from ongoing offers

## Community-led

- Many businesses, organizations and community members in Fort Collins leading the way
- 10 businesses certified as B Corps
- Glass Recycling Coalition co-founded by New Belgium
- Poudre Food Partnership

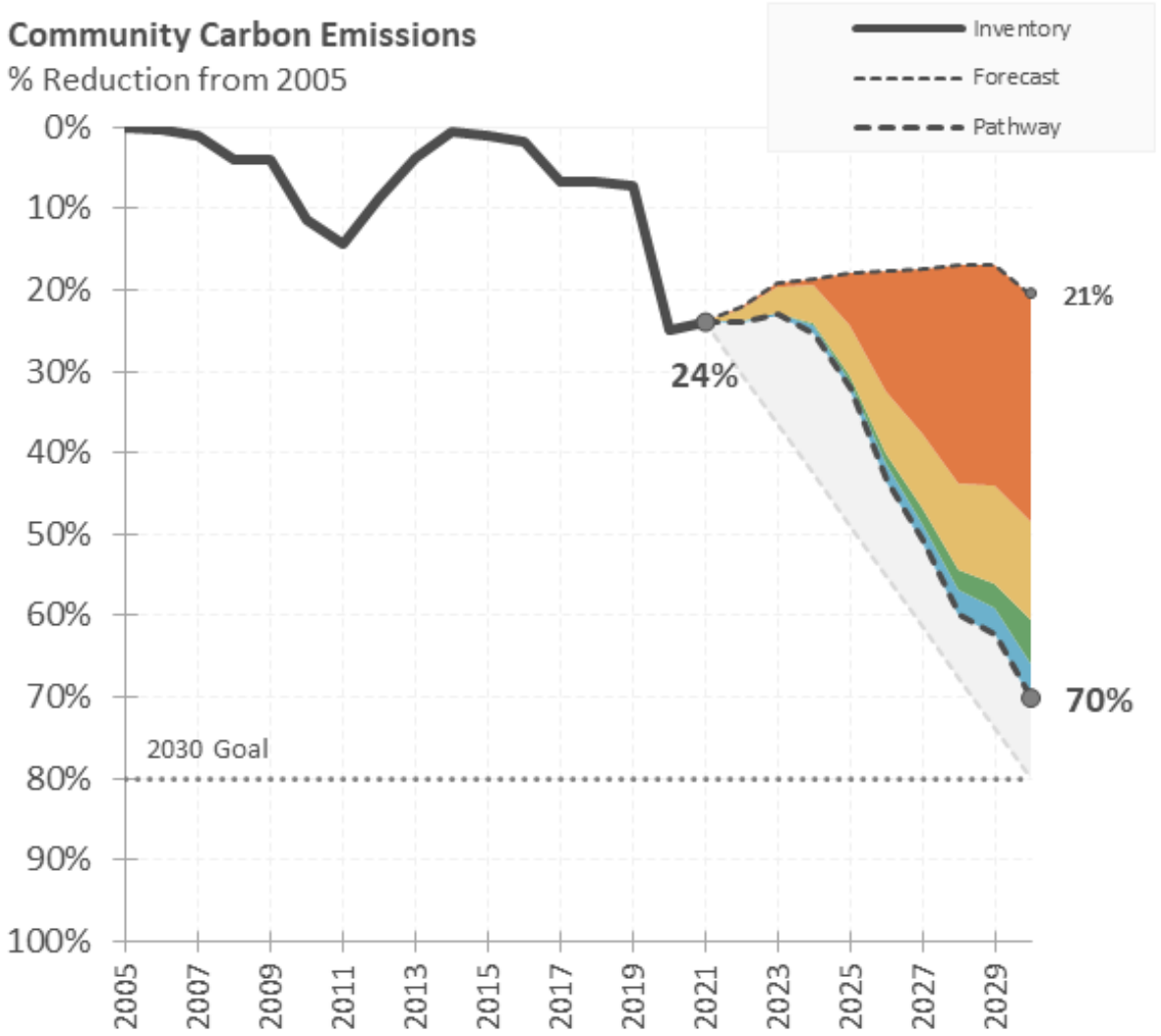
How does the content and timing of the Council Action Roadmap align with Councilmember priorities?

What target would Councilmembers like to consider for the 2026 interim GHG goal at the October 25 meeting?

# Additional Information

- October 18
  - Land Use Code Update – Phase I
- October 25
  - Interim GHG Goal Resolution
  - Active Modes Plan Work Session
  - 15-minute City Work Session
- November 1
  - 2023/24 City Budget Adoption
- December 6
  - Active Modes Plan Adoption
- December 13
  - Sustainable Revenue Work Session

# Community Emissions Pathways to 2030




| Mechanisms | 2030 |
|---|---|
| Infrastructure | 27.5% |
| Economic | 12.0% |
| Regulatory | 5.5% |
| Partnership | 3.9% |
| Planning | 0.1% |

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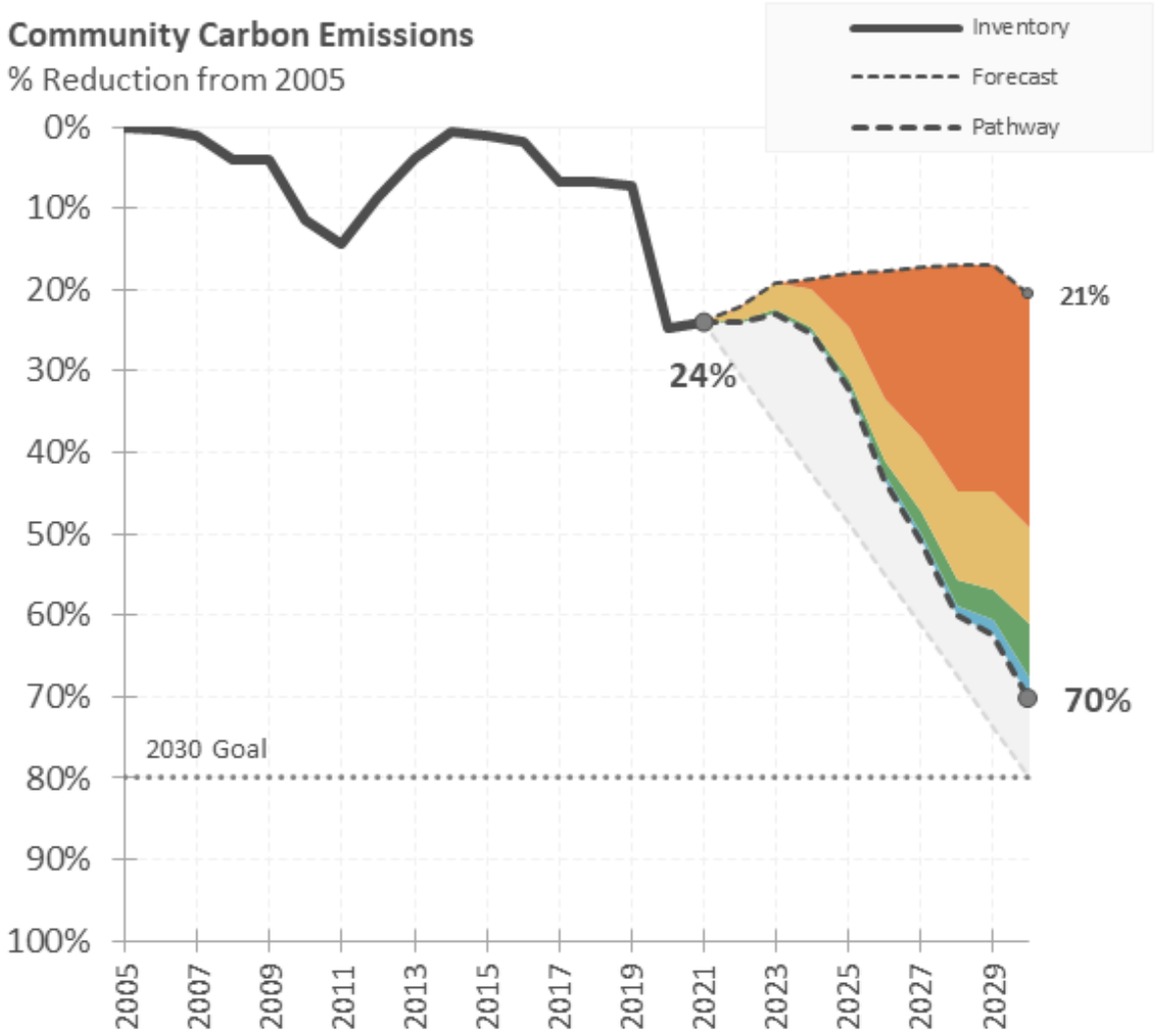
# Community Emissions Pathways to 2030




| City's Role | 2030 |
|---|---|
| Influence | 28.0% |
| Incentivize | 12.0% |
| Direct | 6.5% |
| Inform | 2.5% |

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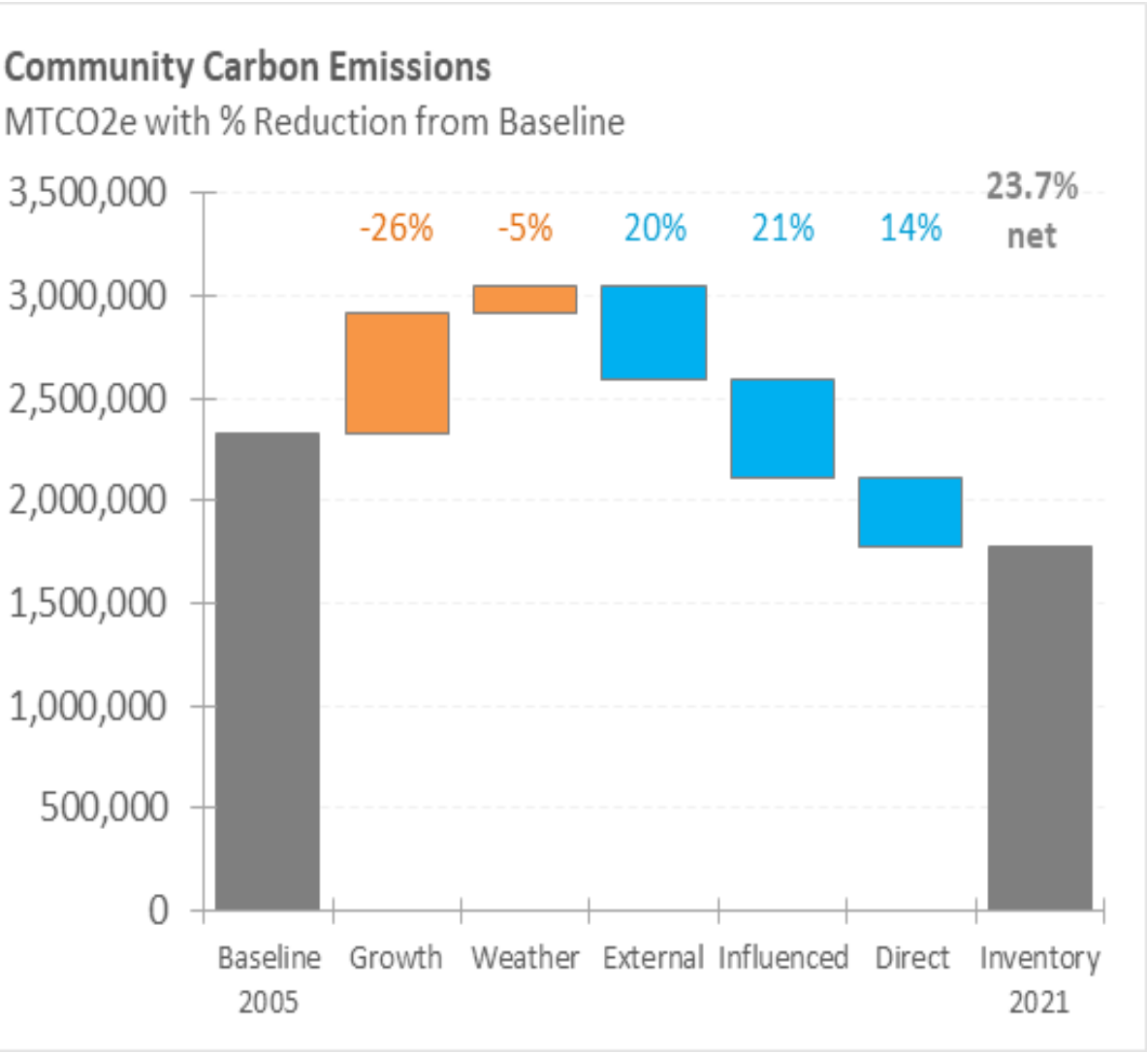
# Community Emissions Inventory “Drivers of Change”




- Direct & Influenced categories based on OCF Next Move results

Direct savings countered by weather and growth of the community