



# Environmental Services

**Climate Action**

**Waste Reduction & Recycling**

**Green Building Coordination**

**Indoor & Outdoor Air Quality**



Coming soon – live FC visibility camera

Air Quality	Visibility (miles)
Good	≥ 10 miles
Moderate	5-10
Unhealthy for Sensitive Groups	3-5
Unhealthy	1.5 - 3
Very Unhealthy	1 – 1.5
Hazardous	≤1



- Healthy Homes Program
  - Free indoor air quality assessments
  - Master Home Educators (trained volunteers)
  - Focus on outreach to homes who have children with asthma and/or the elderly
- Radon programs
  - Education, test kits



## CLIMATE HAZARDS FACING FORT COLLINS



FOREST  
STRESS



INCREASE IN  
SEVERE  
STORMS



INFECTIOUS  
DISEASE



DECLINING  
WATER  
QUALITY



WILDFIRES



EXTREME  
TEMPERATURES





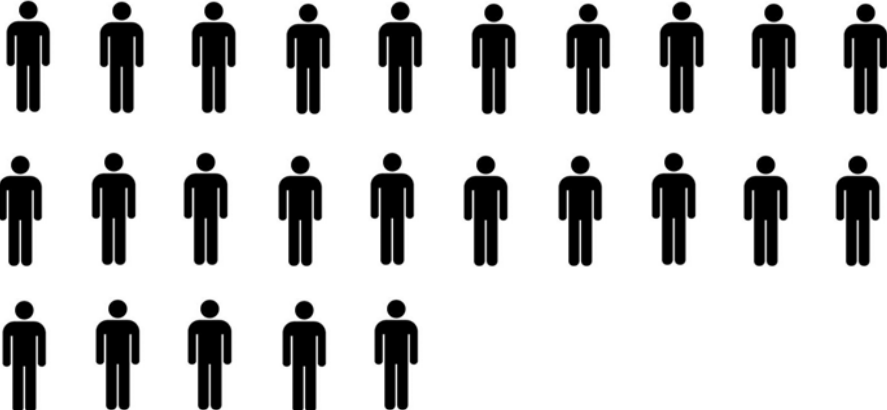
DECLINING  
WATER  
AVAILABILITY



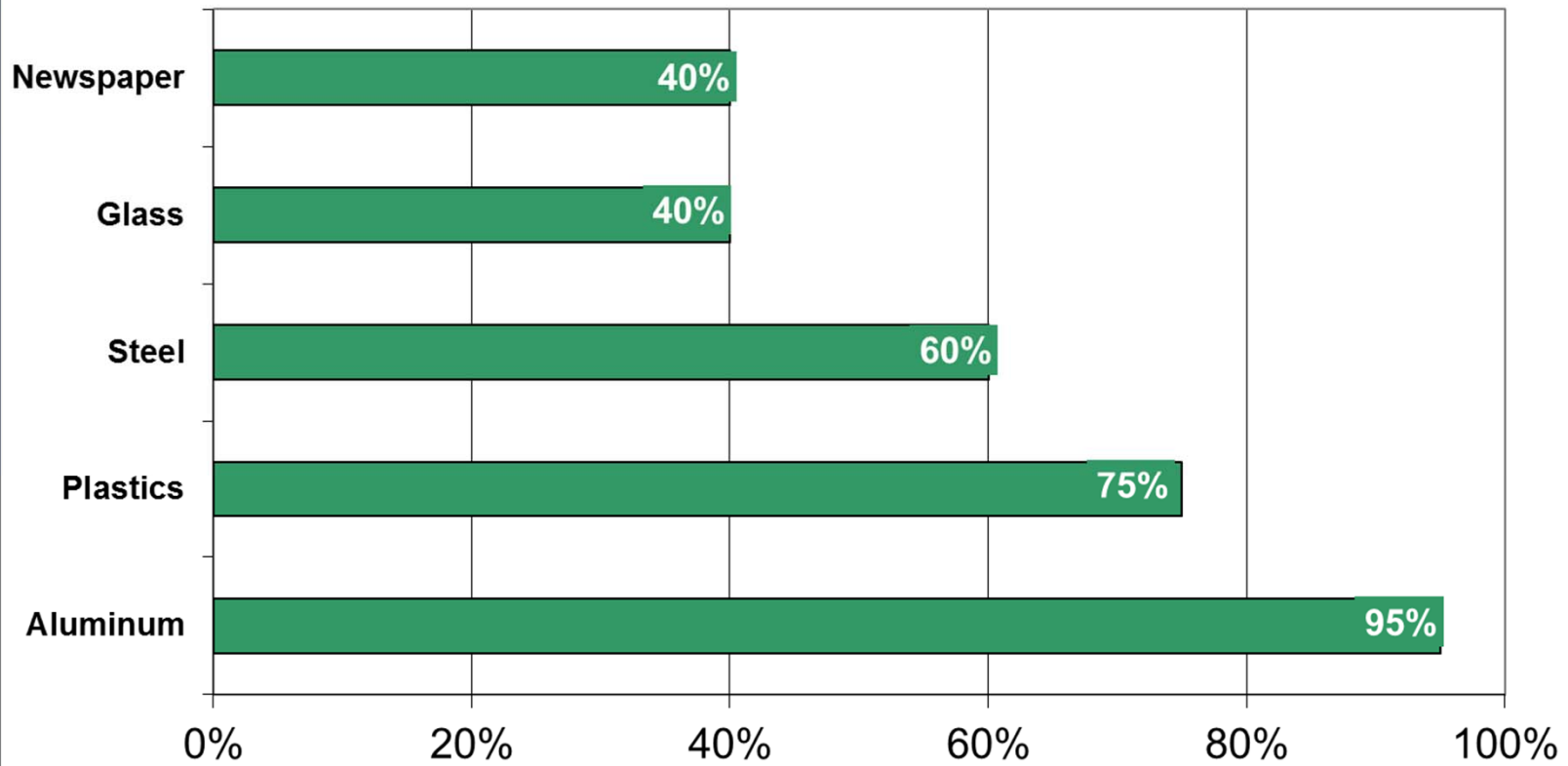
## Waste Reduction and Recycling

- **Policy**
- **Education**
- **Infrastructure**



Process	Jobs created (per 10,000 tons per year)
Landfilling	 <span style="float: right; font-size: 2em; font-weight: bold;">1</span>
Recycling processing	 <span style="float: right; font-size: 2em; font-weight: bold;">10</span>
Recycling-based manufacturing	 <span style="float: right; font-size: 2em; font-weight: bold;">25</span>

### Percentage of Energy Saved by Recycling Compared with Raw Materials Usage



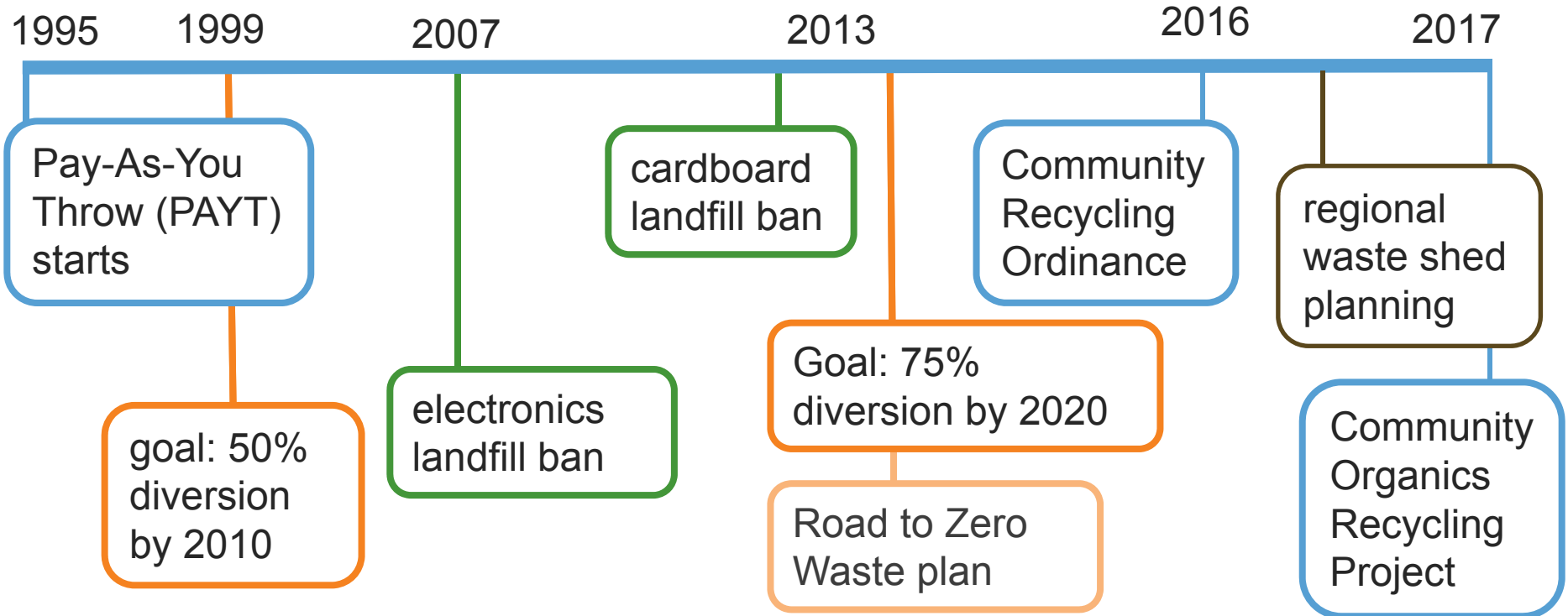
## GOAL: REDUCE GREENHOUSE GASES 20% BY 2020



*A quarter of 2020 GHG reduction goals could come from waste reduction and recycling*



# Timeline of recycling policy in Fort Collins



- 1) Recycling service included with trash service  
(cost embedded)
- 2) Trash pricing based on volume of trash can subscription
  - 100% price difference
- 3) Yard trimmings service offered for extra charge



### Same as single-family homes:

- Volume-based pricing for trash
  - Bill based on size of dumpster, service frequency

### Different than single-family homes:

- Recycling is separate fee, NOT bundled



**Recycling will be provided by end of 2020**

- Bans the landfill disposal of cardboard
- Applies to residents, businesses, etc.
- Goals that drove adoption:
  - GHG reduction
  - Waste diversion goal





## What is Cardboard?

- Typically used in packaging and moving boxes
- Has a “wavy” layer – corrugation





## Everyday Recyclables

- Open 7 days / week, no charge
- Separated out by material type
- Open to residents & businesses
- Receives 400+ visits per day



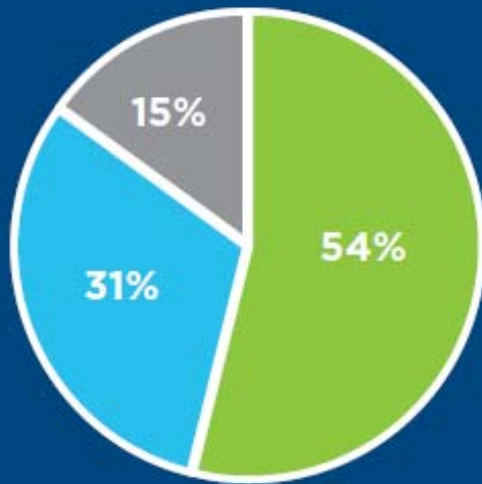
# Infrastructure: Timberline Recycling Center

- accepts paint, motor oil, batteries, electronics, yard trimmings, wood, scrap metal
- \$5 facility use fee

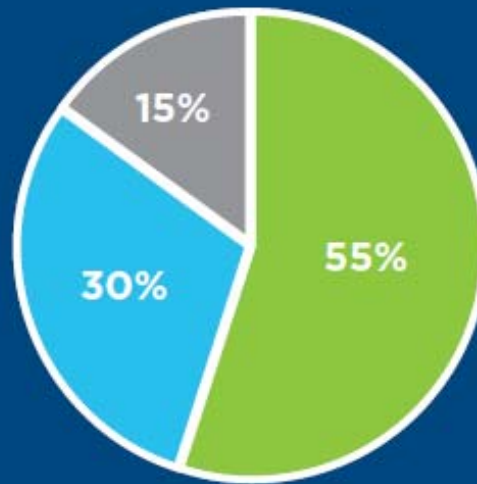


## Composition of Fort Collins' Landfill Waste, 2016

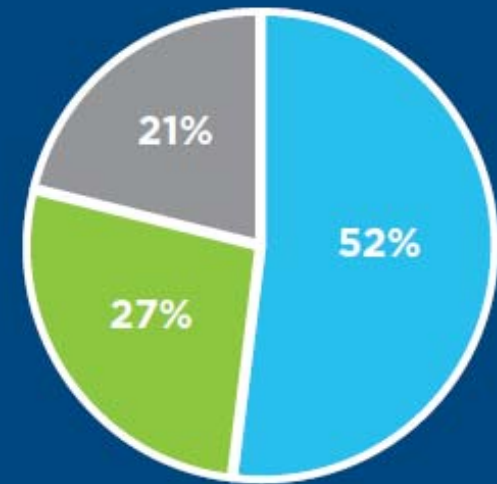
### RESIDENTIAL



### COMMERCIAL



### INDUSTRIAL



 COMPOSTABLE

 RECYCLABLE

 NOT CURRENTLY RECYCLABLE



## In development in 2017

- Researching options for curbside composting of food scraps + yard trimmings for residents of single family homes
- Composting collection from restaurants
- Q1 2017: Waste sorts at restaurants



## Under development, expected roll-out Q2 2017

- Focused on residents
- Providing tools, website, infographic
- Connect larger concepts with local relevance and action
- Will build upon national campaigns from





# RECYCLE

ALL ITEMS MUST BE EMPTY AND DRY

## METAL CANS & GLASS



## PLASTIC BOTTLES, TUBS, JUGS & JARS



## CONTAINERS & CARTONS



## NO THANKS!



## PAPER & CARDBOARD



# Thank you!

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