



City of
Helena

Strategic Plan for Waste Reduction City Commission Presentation

Wednesday, June 15, 2022



Agenda

- I. Helena's Waste Reduction Goal
- II. Impacts of Waste
- III. Planning Process Summary
- IV. Waste Reduction Strategies for Helena
- V. Impacts of Waste Reduction Strategies
- VI. Key Takeaways

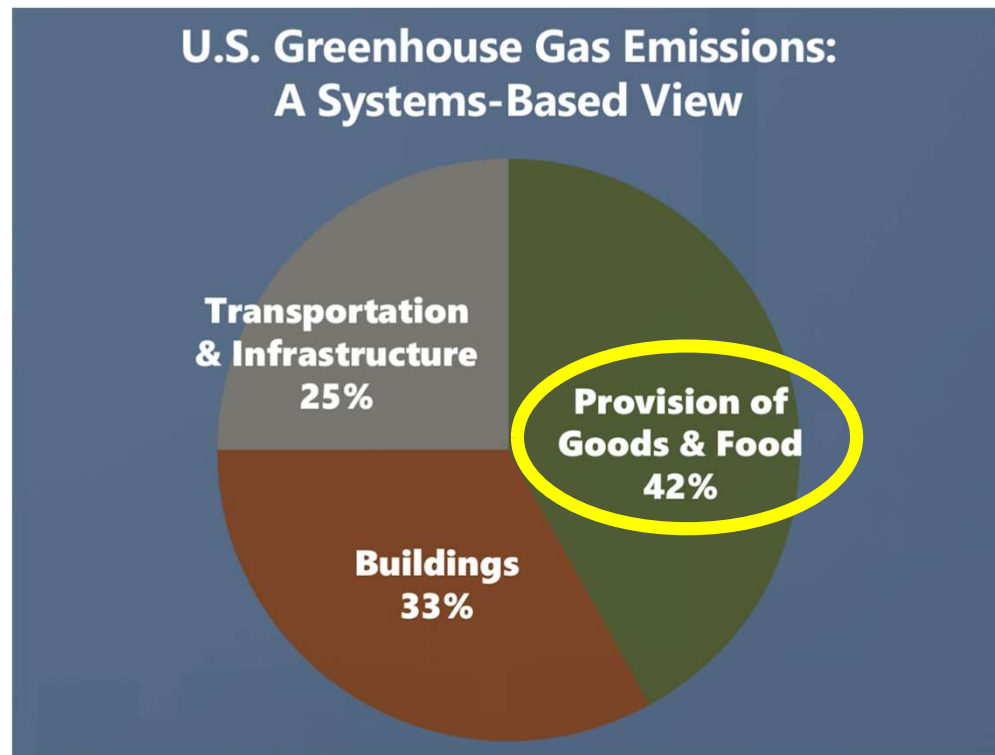
The Goal - 50% by 2040

February 2021 - Resolution No. 20643

“The City Commission directs the City Manager, in collaboration with the Citizen Conservation Board, to develop a Strategic Plan for Waste Reduction in Helena (“Strategic Plan”) using the principles of “refuse, reduce, reuse, recycle, and compost” for presentation to the Helena City Commission by June 30, 2022.”

- Minimum of 50% solid waste diversion from the landfill by 2040
- Interim minimum goal of 35% by 2030

Impacts of Waste



source: [Opportunities to Reduce Greenhouse Gas Emissions through Materials and Land Management Practices, September 2009 \(epa.gov\)](#)

Impacts of Waste



source: [Stop Trashing the Climate Report](http://ilsr.org). June 2008. (ilsr.org)

Planning Process

Public Meetings

- *100+ attendees*

Interviews

- *XX stakeholders*

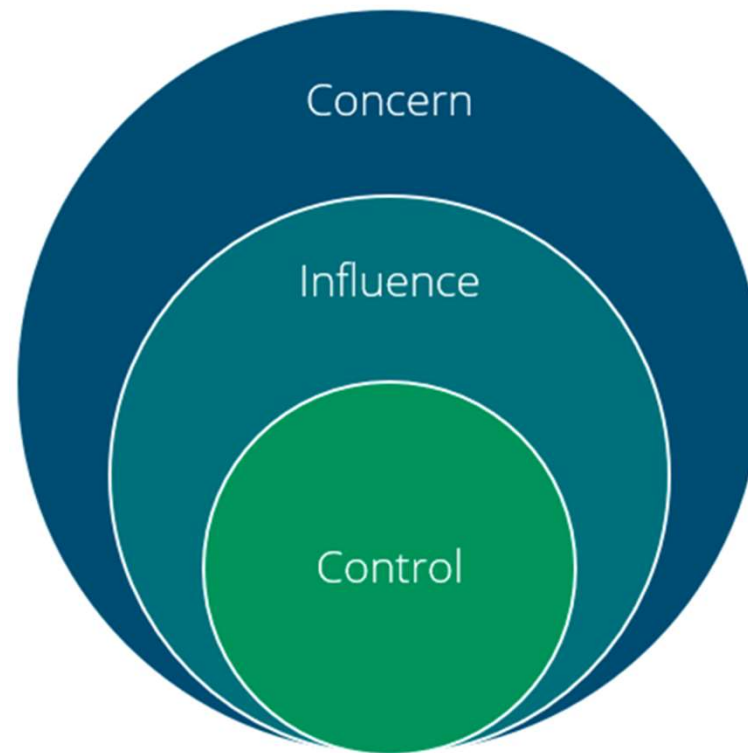
Be Heard Helena Survey & Idea Board

- *176 respondents / 21 ideas*

Presentations

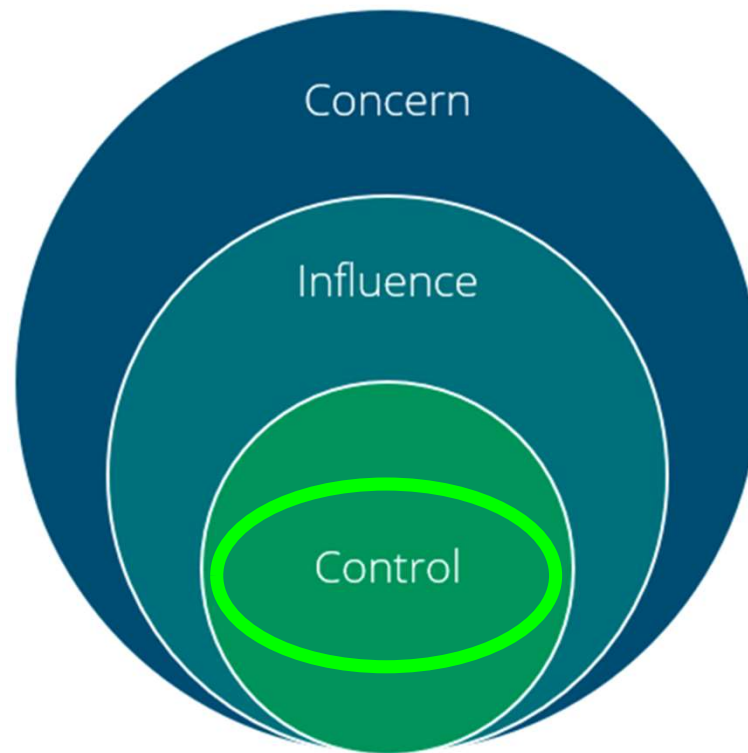
- *6 – CCB, Hometown Helena, Helena BID members & trustees, the City/County Consolidated Parks Board*

Waste Reduction Strategies for Helena



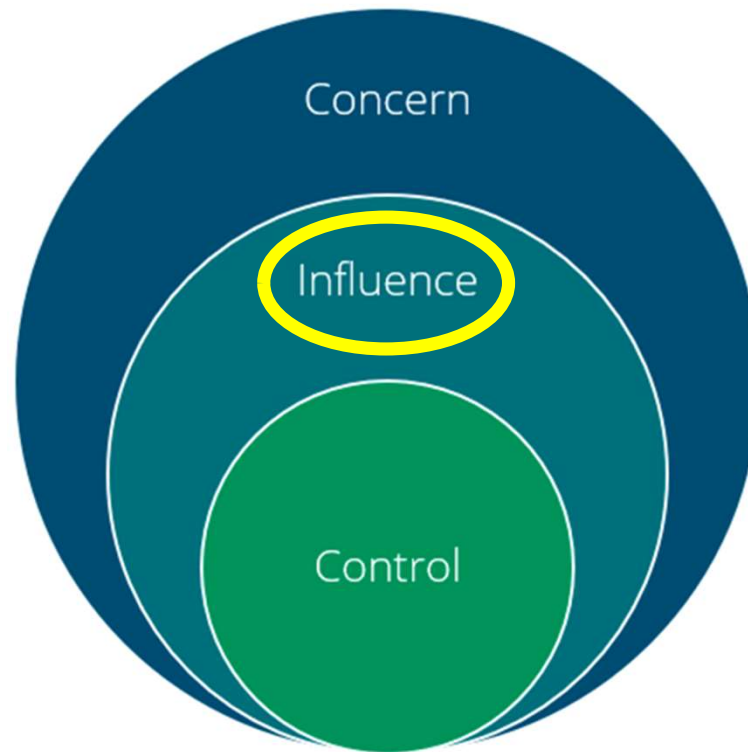
Stephen Covey, The 7 Habits of Highly Successful People

Waste Reduction Strategies for Helena



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Waste Reduction Strategies for Helena



Stephen Covey, The 7 Habits of Highly Successful People

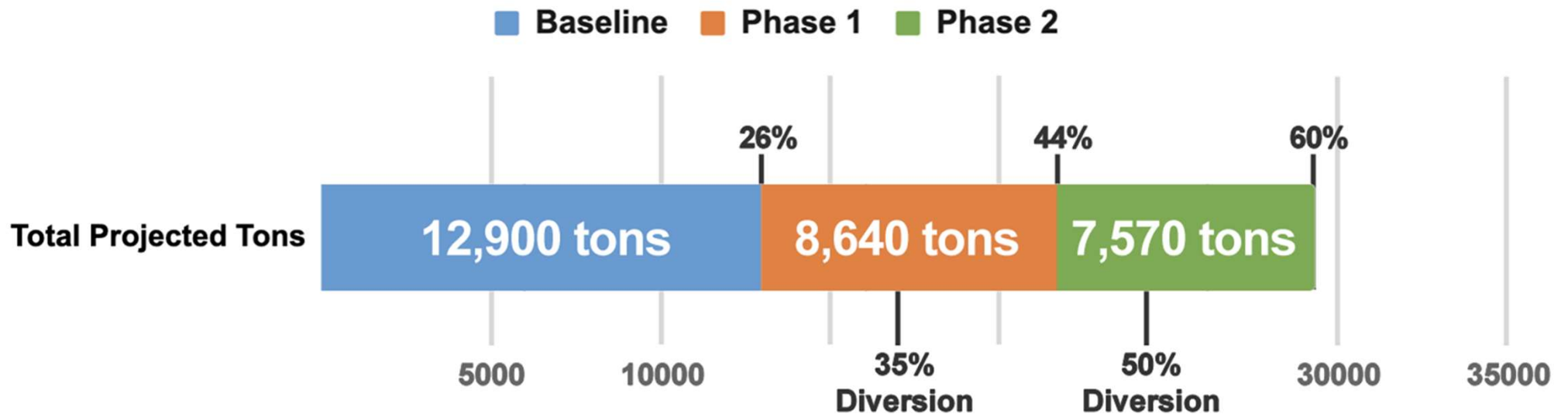
Waste Reduction Strategies for Helena

Phased approach:

- Phase 1 – Education & Incentives (implementation: 2022-2024)
- Phase 2 – New Services & Infrastructure (implementation: 2025-2030)
- Phase 3 – New Policies (implementation: 2031-2040)

Waste Reduction Strategies for Helena

Helena Diversion Potential



Waste Reduction Strategies for Helena

Phase 1 – Education & Incentives				
2022	2025	2030	2031	2040

Waste Reduction Strategies for Helena

Phase 1 – Education & Incentives				
	Phase 2 – New Services & Infrastructure			
2022	2025	2030	2031	2040

Waste Reduction Strategies for Helena

Phase 1 – Education & Incentives				
	Phase 2 – New Services & Infrastructure	Interim goal assessment		
2022	2025	2030	2031	2040

Waste Reduction Strategies for Helena

Phase 1 – Education & Incentives				
	Phase 2 – New Services & Infrastructure	<i>Interim goal assessment</i>		
			Phase 3 – New Policies <i>(if necessary or if new goal adopted)</i>	
2022	2025	2030	2031	2040

Waste Reduction Strategies for Helena

- **Phase 1 – Education & Incentives (2022-2024)**
 - Community Education
 - Community Incentives
 - Community Reuse Support
 - Lead by Example

Waste Reduction Strategies for Helena

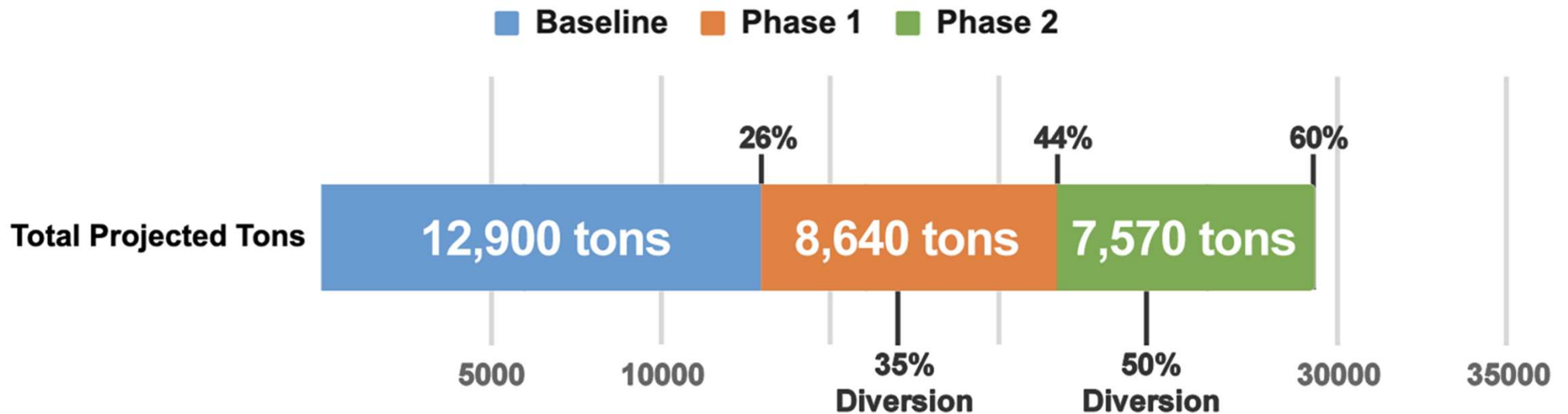
- **Phase 2 – New Services & Infrastructure (2025-2030)**
 - Recycling & Composting Infrastructure
 - Universal Residential Curbside Collection
 - Self-Haul Diversion Options

Waste Reduction Strategies for Helena

- **Phase 3 – New Policies (2031-2040)**
 - Hauler Equal Volume Diversion Ordinance
 - Community Recycling Ordinance
 - Construction, Deconstruction, & Demolition Ordinance

Phase 1 & Phase 2 Impacts – Diversion

Helena Diversion Potential



Phase 1 & Phase 2 Impacts – Annual GHG Reduction

22,500 MTCO₂e =

4,848



Passenger
vehicles driven
for one year

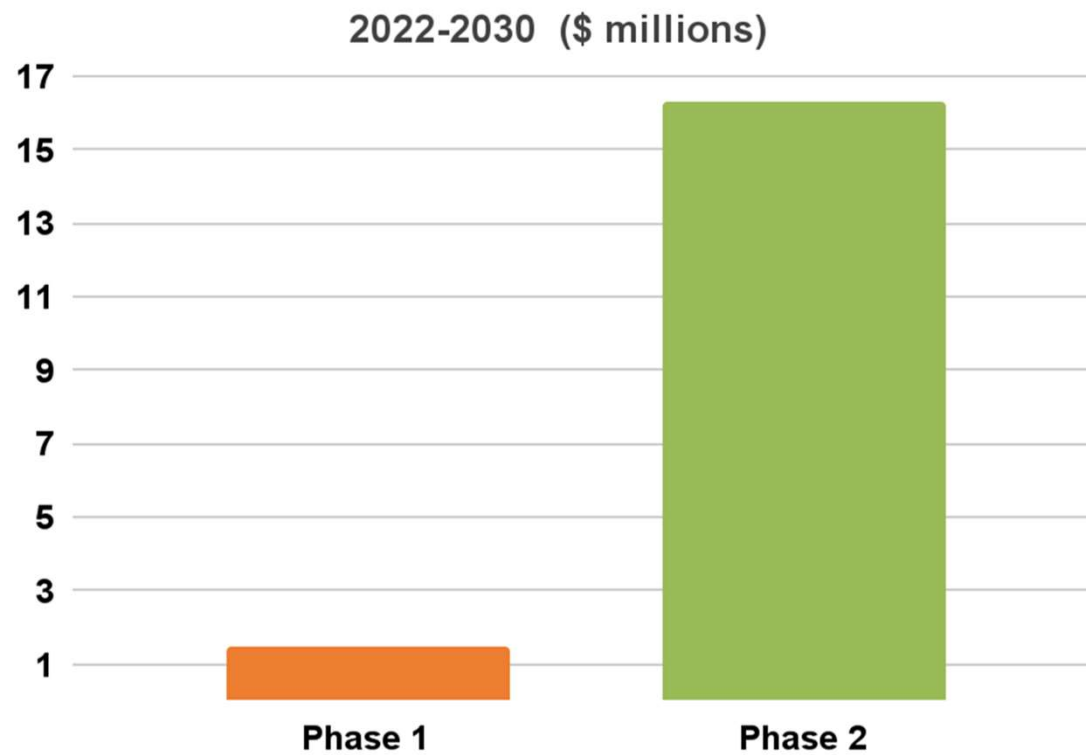
2,834



homes' energy
use for one
year

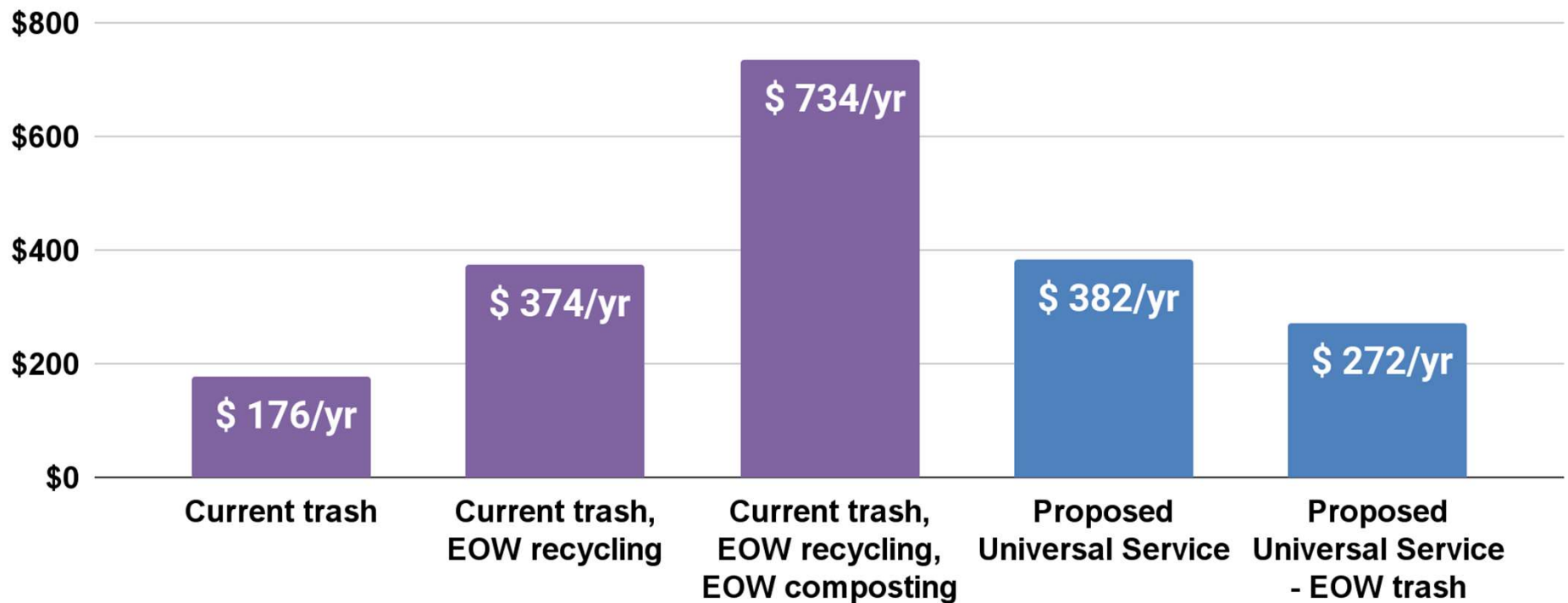
Source: U.S. EPA Greenhouse Gas Equivalencies Calculator

Phase 1 & Phase 2 Impacts – Costs



Initiative 2.6 – Helena Annual Costs

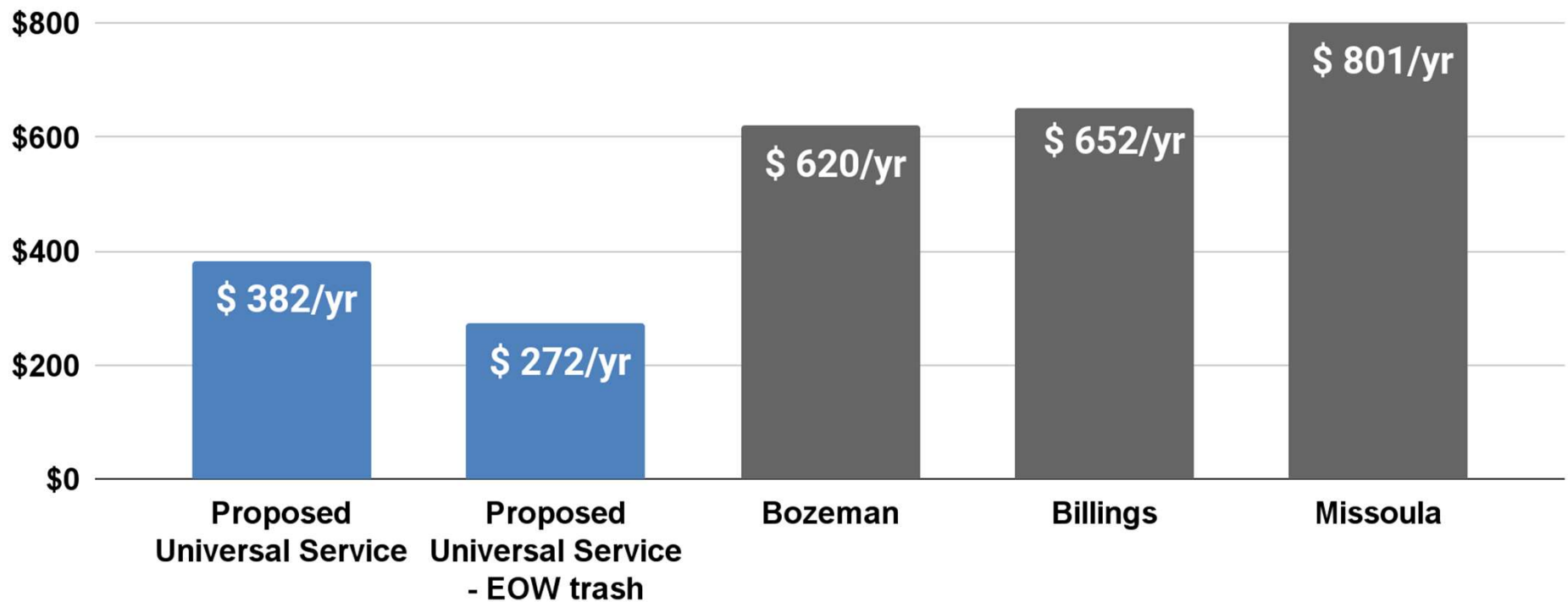
Helena Curbside Collection Annual Cost Comparison



The current cost for trash, recycling, and compost collection is nearly double the cost of Universal Service and more than 2.5x the cost of Universal Service with every-other-week trash collection.

Initiative 2.6 – Montana Cities Annual Costs

Montana Cities Curbside Collection Annual Cost Comparison



Key Takeaways

- Helena is ready
- The goal is attainable
- 2.6 Universal Collection is cost competitive with other Montana cities

Thank you!

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