Sector 03

CONSUMPTION AND SOLID WASTE
Anchorage Trash & Recycling

- Annual garbage collected at Anchorage Regional Landfill: 300,000 tons annually
- Recycling processed by WestRock: 24,000 tons per year
Consumption & Solid Waste Emissions

- Manufacturing
- Transportation
- Collection and disposal
- Landfill methane
Scenario 1
Throwing away 100 tons of paper
Result: 109 MTCE

1. Trees are harvested.
2. Logs are transported to a paper manufacturer.
3. Paper is manufactured.
4. Workers use and dispose of paper.
5. Trash is collected and transported to a landfill.
6. Paper is buried in the landfill.

Scenario 2
Recycling 50 tons of that paper
Result: 40 MTCE

1. Fewer trees are harvested.
2. Fewer logs are transported to a paper manufacturer.
3. Less paper is manufactured from virgin material.
4. Workers use and recycle paper.
5. Paper is collected and transported to a recycling facility.
6. The recovered paper is remanufactured.
How does recycling in Anchorage work?
Glass Recycling

- Began September 2021, 1,200 tons per year collected
- Recycled Glass Aggregate sold for pipe bedding & fill projects
- Expanded drop-offs and launched a commercial collection program in 2019
Organics Recycling

- Makes up 25 percent of all residential solid waste
- Estimate 90,000 tons of material per year for residential & commercial
- Adding and expanding programs including Curbside Organics and Community Compost
REDUCE

REUSE

RECYCLE