



# Food Systems and Beaverton's Climate Goals

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Washington County Chamber of Commerce  
Green Business Symposium

2 December 2021





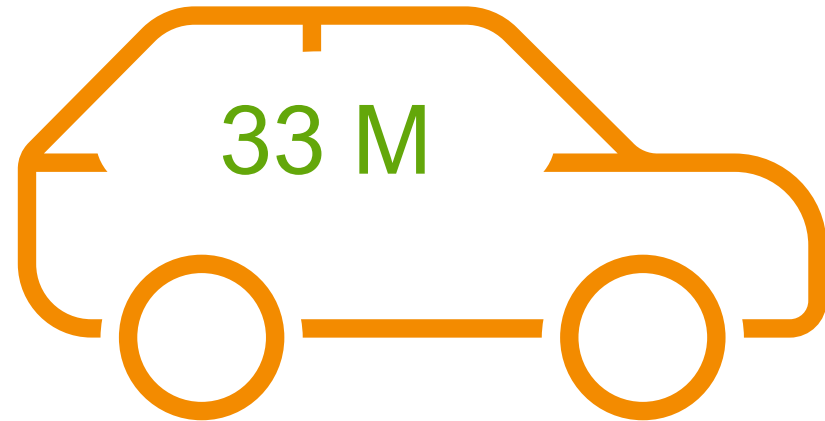
# Food and Climate Action

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8 %

33 M



# Food Waste and Loss – Climate Goals

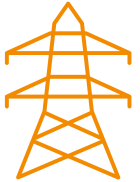
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24% of landfilled municipal solid waste



Enough blue water for annual use of 50M American homes 5.9T gal



Enough energy to power 50M American homes for 1 year 664B kWh

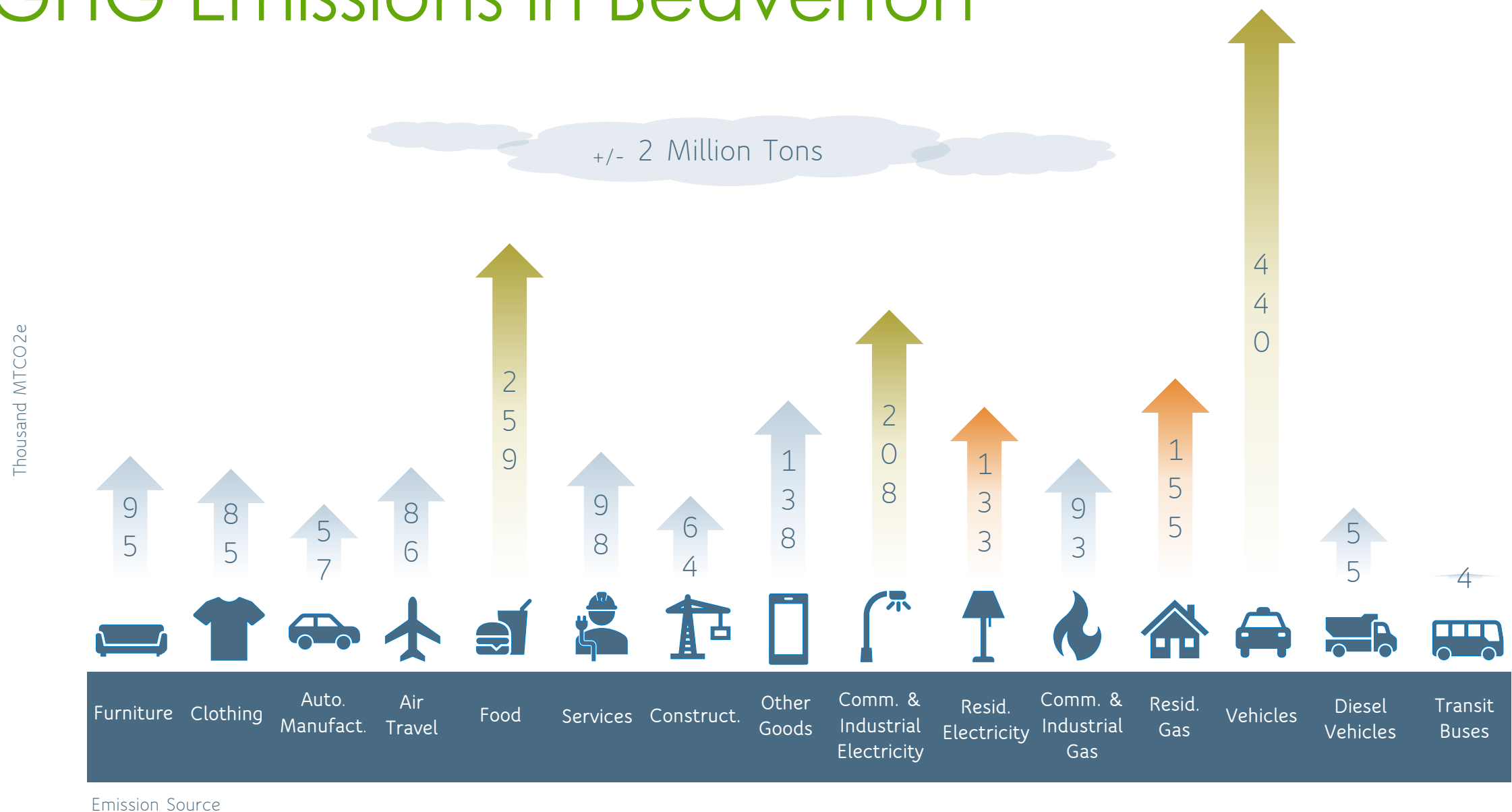


Annual CO2 emissions of 42 coal-fired power plants

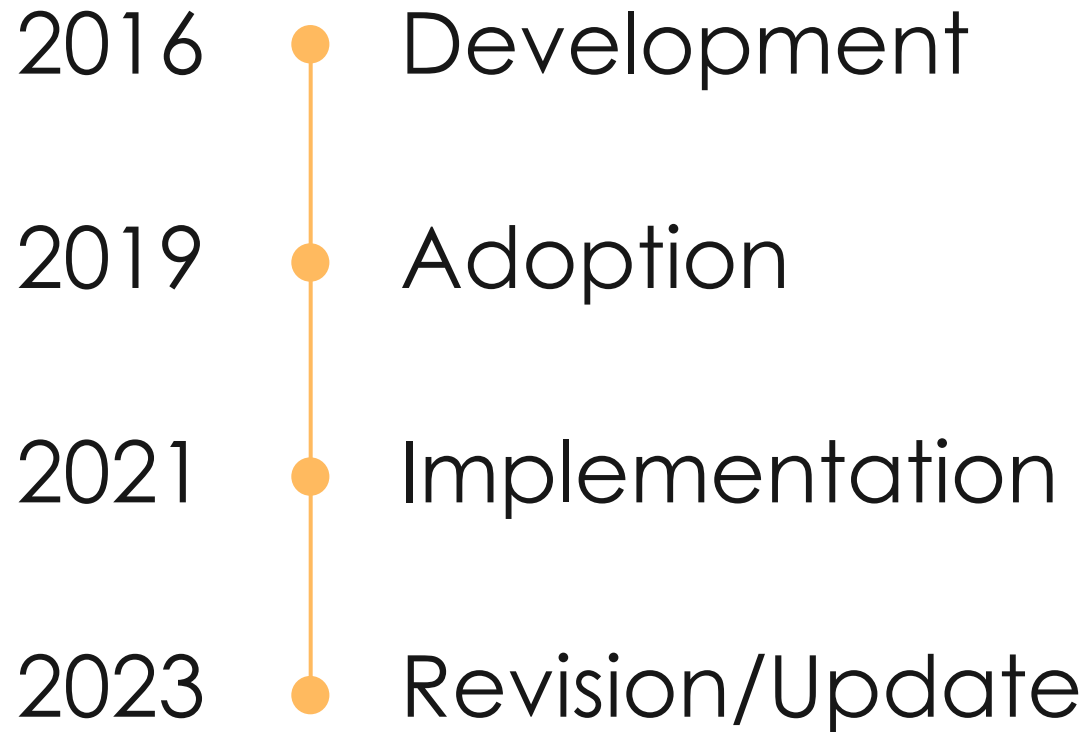


Enough calories to feed more than 150M people each year

# GHG Emissions in Beaverton



# BCAP



Link to Beaverton Climate Action Plan:

<https://www.beavertonoregon.gov/DocumentCenter/View/27980/Beaverton-Climate-Action-Plan---2019>



# BCAP Goals

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## GOALS

COMMUNITY-  
WIDE  
&  
CITY OPERATIONS

## 2050

100%  
REDUCTION OF  
COMMUNITY GHG  
EMISSIONS

## 2035

CARBON  
NEUTRAL CITY  
OPERATIONS

# 86 Actions

17



Consumer Choice and Waste

27



Buildings, Energy, and Urban Form

17



Transportation

15



Natural Systems

10



Community Wellbeing





Consumer Choice and Waste

Consumption



Buildings, Energy, and Urban Form

Refrigeration



Transportation

Transport



Natural Systems

Land-Use and Water



Community Wellbeing

Resiliency and Food Security



Expand participation in residential food scraps program



Reduce residential and business wasted food



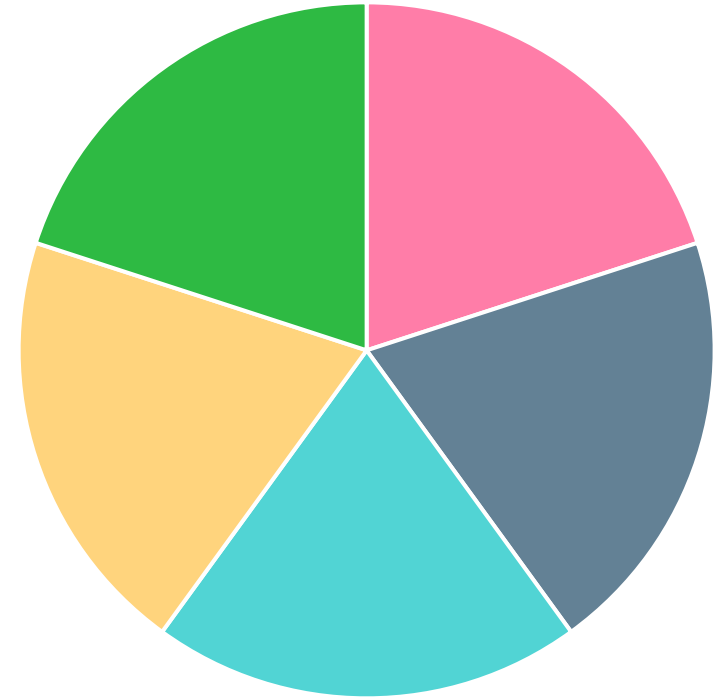
Increase business participation in food donation and food scraps collection program



Prioritize recovery programs with high environmental impact



Expand local food security and emergency distribution plans prioritizing the needs of vulnerable populations



# Food and Climate Action

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- Reducing waste via responsible consumption
- Keeping food scrapes out of the landfill
- Ensure food that is produced makes it into the hands of those who need it



# Food and Climate Action



# Links Referenced

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BCAP:

<https://www.beavertonoregon.gov/DocumentCenter/View/27980/Beaverton-Climate-Action-Plan---2019>

EPA – Food Loss and Waste Report:

[https://www.epa.gov/system/files/documents/2021-11/from-farm-to-kitchen-the-environmental-impacts-of-u.s.-food-waste\\_508-tagged.pdf](https://www.epa.gov/system/files/documents/2021-11/from-farm-to-kitchen-the-environmental-impacts-of-u.s.-food-waste_508-tagged.pdf)

Article on Food Waste Hubs – Milan:

<https://reasonstobecheerful.world/milan-italy-zero-food-waste/>

Milan Urban Food Policy:

<https://www.milanurbanfoodpolicypact.org/the-milan-pact/>

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