



Metro

# Sustainability Annual Report

January 17, 2019

# Metro Council Direction

## 2003 – Resolution 03-3338

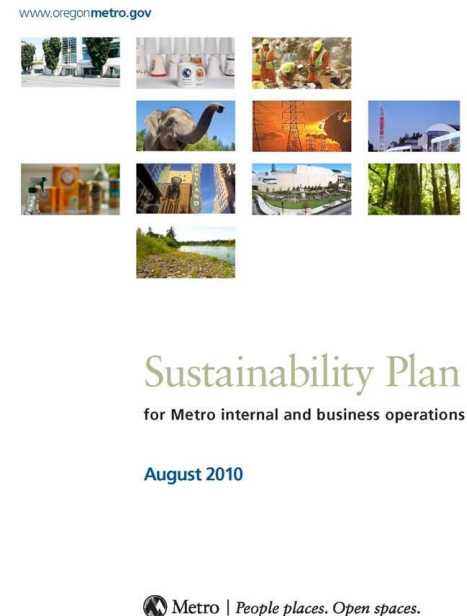
- *Set vision for operations to be sustainable by 2025*
- *Established five goals*

## 2008 – Resolution 08-3931

- *Set sustainability as guiding principle*
- *Adopted definition of sustainability*

## 2010 – Resolution 10-4198

- *Adopted Sustainability Plan*



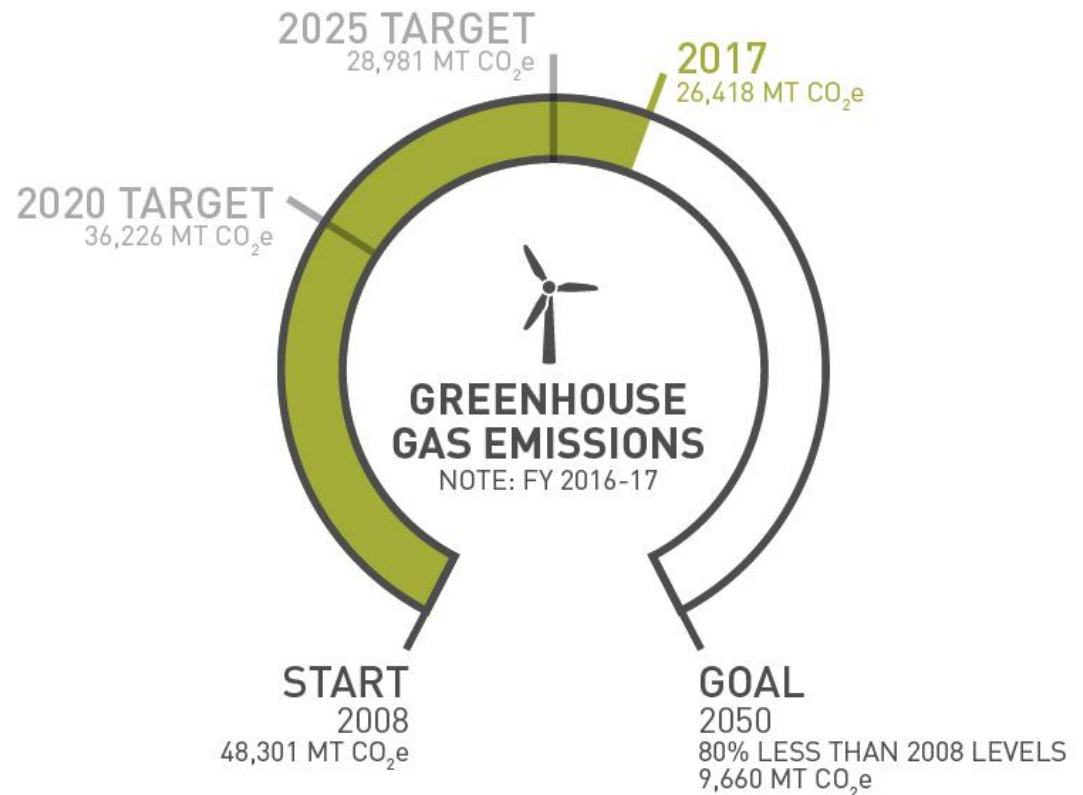


# Where it all began



# GOAL 1: Reduce carbon

- Emissions have decreased 45% compared to the 2008 baseline





# Zoo reduces energy use



Zoo Education Center, designed for Net Zero Energy certification

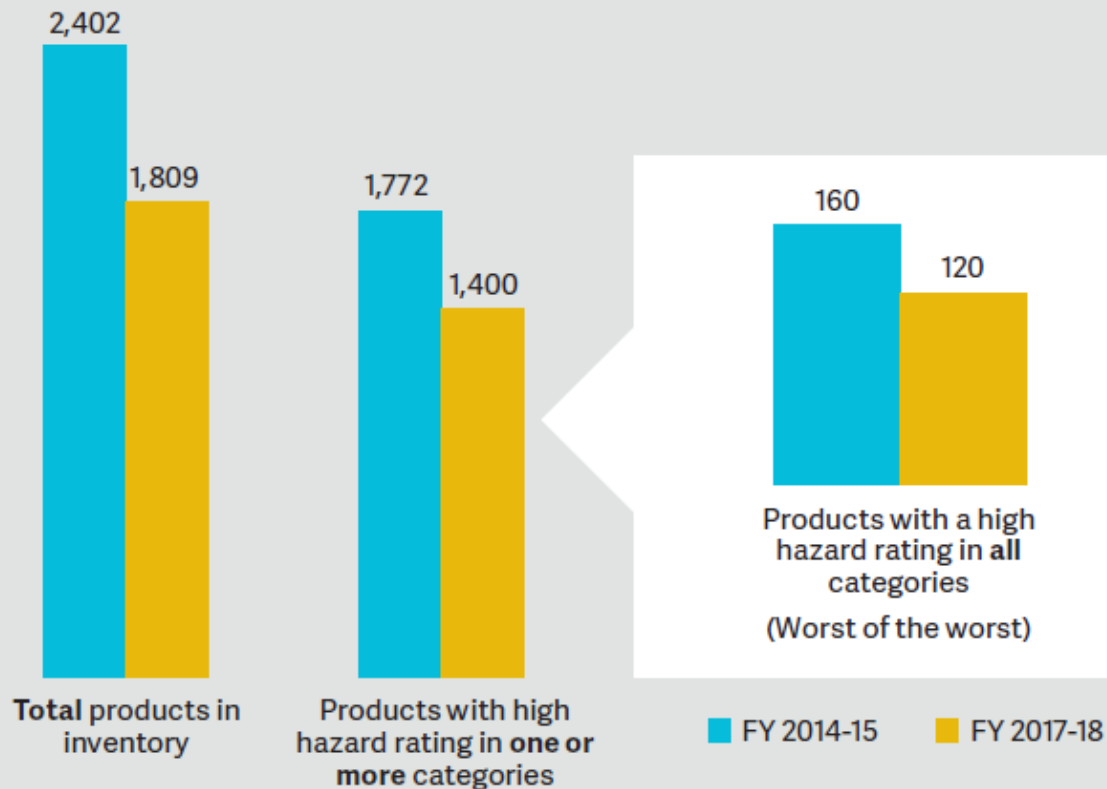
# GOAL 2: Choose nontoxic

- 77% of products considered toxic in one or more category
- 7% of products considered toxic in all 6 categories - the “worst of the worst”



# GOAL 2: Choose nontoxic

FY 2017-18 number of chemical products rated high hazard in Metro's inventory



# GOAL 3: Reduce waste

Waste generation  
lowest since 2014;  
but 23% higher  
than baseline

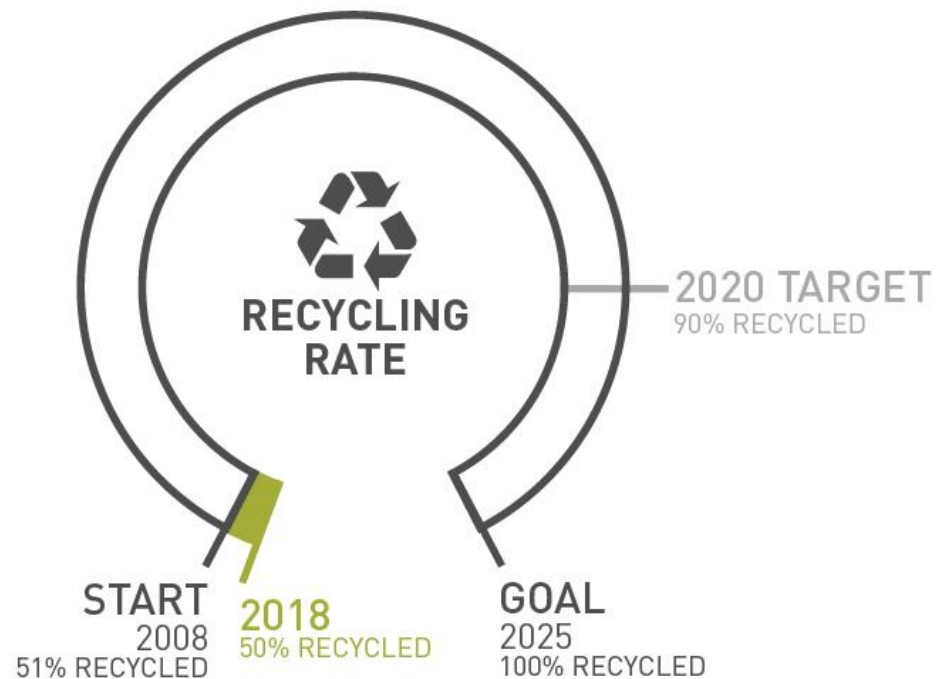




# GOAL 3: Increase recycling

50% recycling rate

1% lower than  
baseline



# GOAL 4: Conserve water

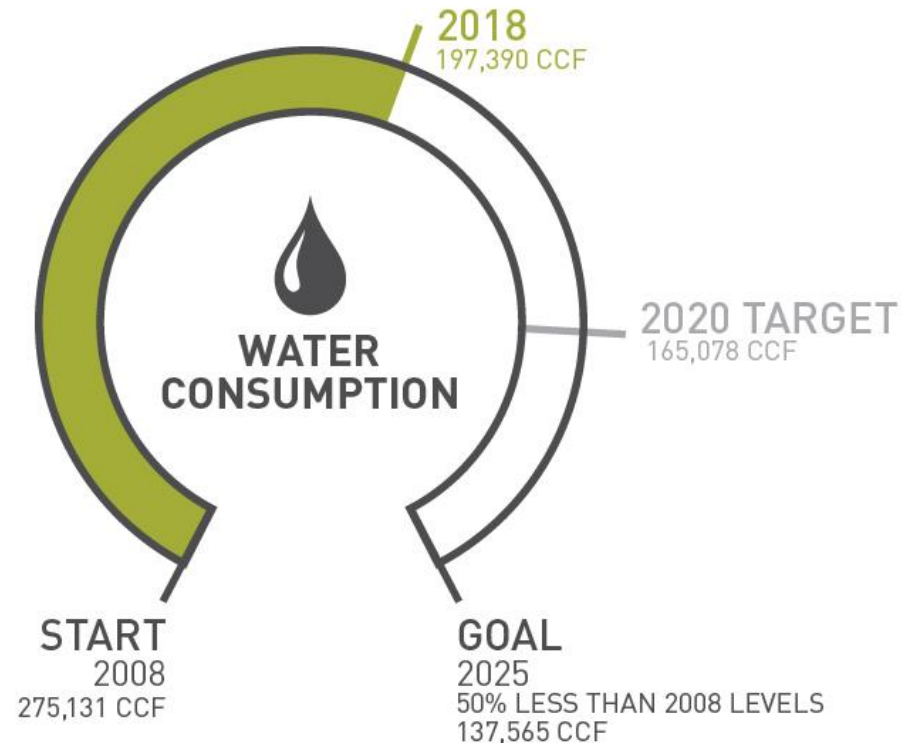
197,390 CCF

(CCF - one hundred cubic feet of water, or 748 gallons)

= 148 million gallons

= 224 Olympic pools

28% less than  
baseline



# GOAL 5: Enhance habitat

78% effective  
impervious area

Indicates untreated  
stormwater flowing  
directly to waterway



# Expo roof project reflects Metro's values





# Thank you!

Sustainability  
Steering  
Committee

Green Teams

Operations staff

Metro Council



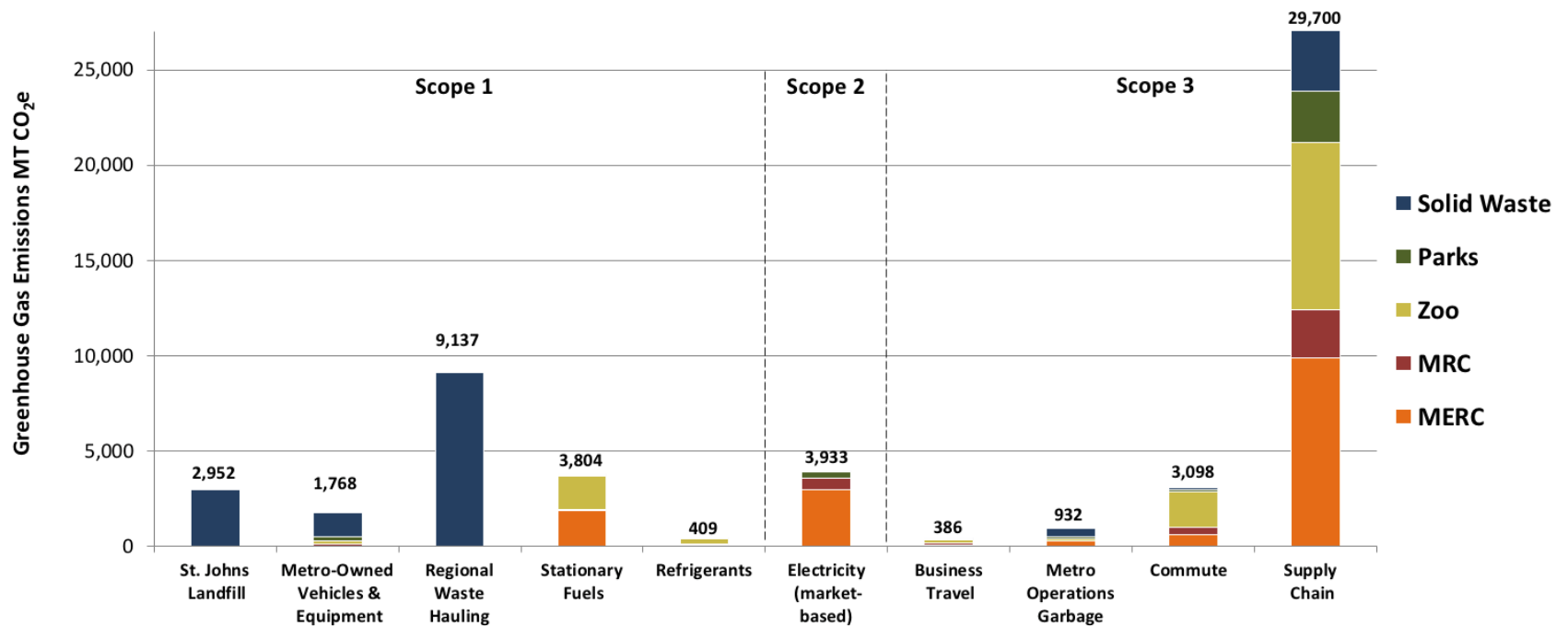
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**[oregonmetro.gov/greenmetro](http://oregonmetro.gov/greenmetro)**



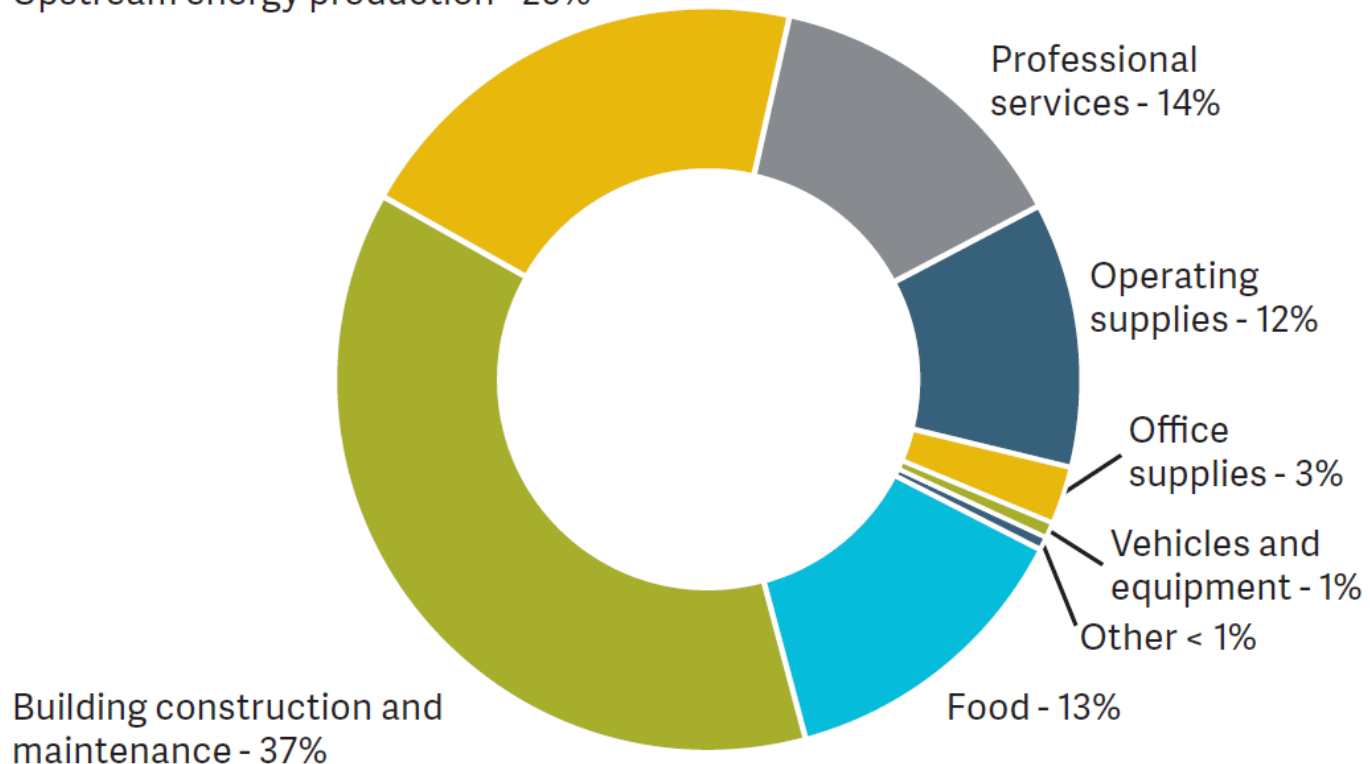
# Metro GHG emissions



# Supply chain emissions

## FY 2016-17 Metro-wide supply chain emissions by purchasing category

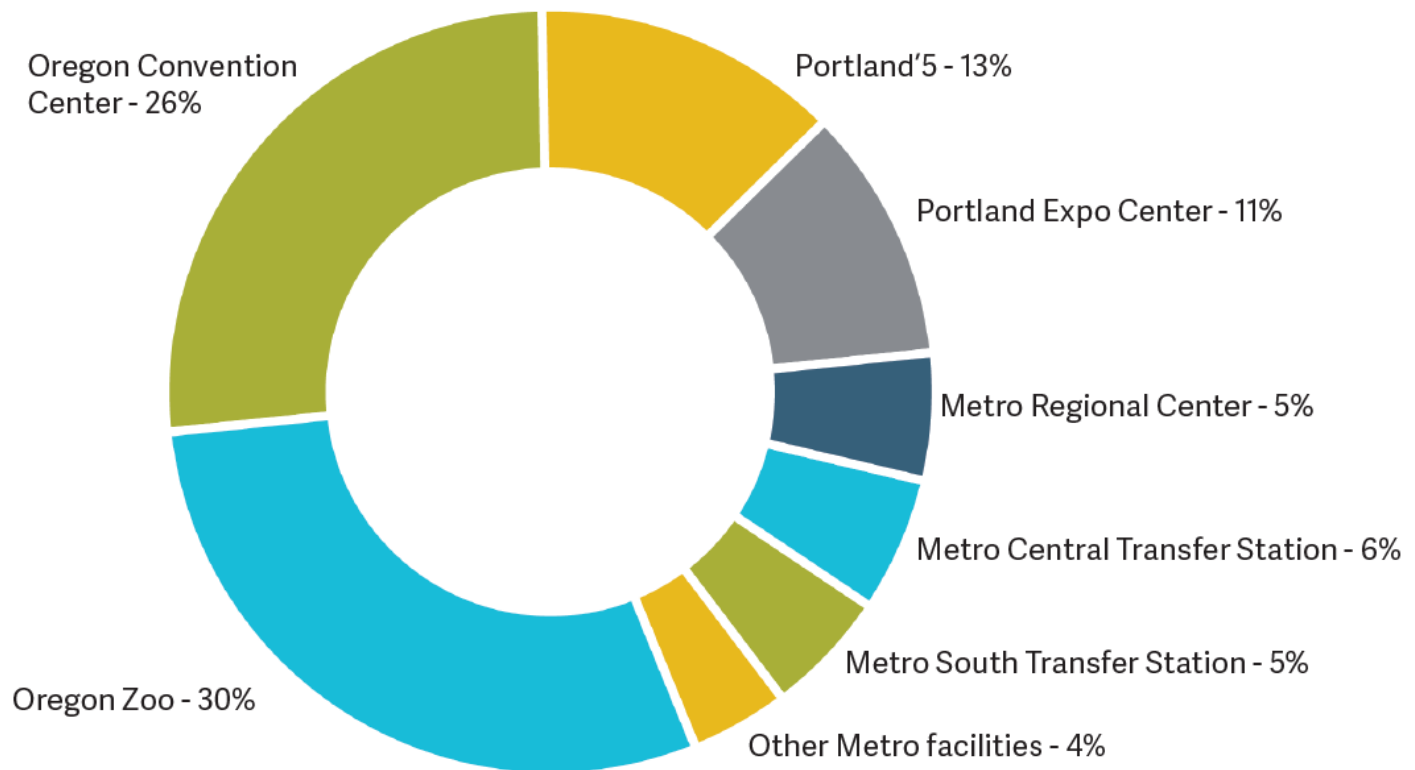
Upstream energy production - 20%





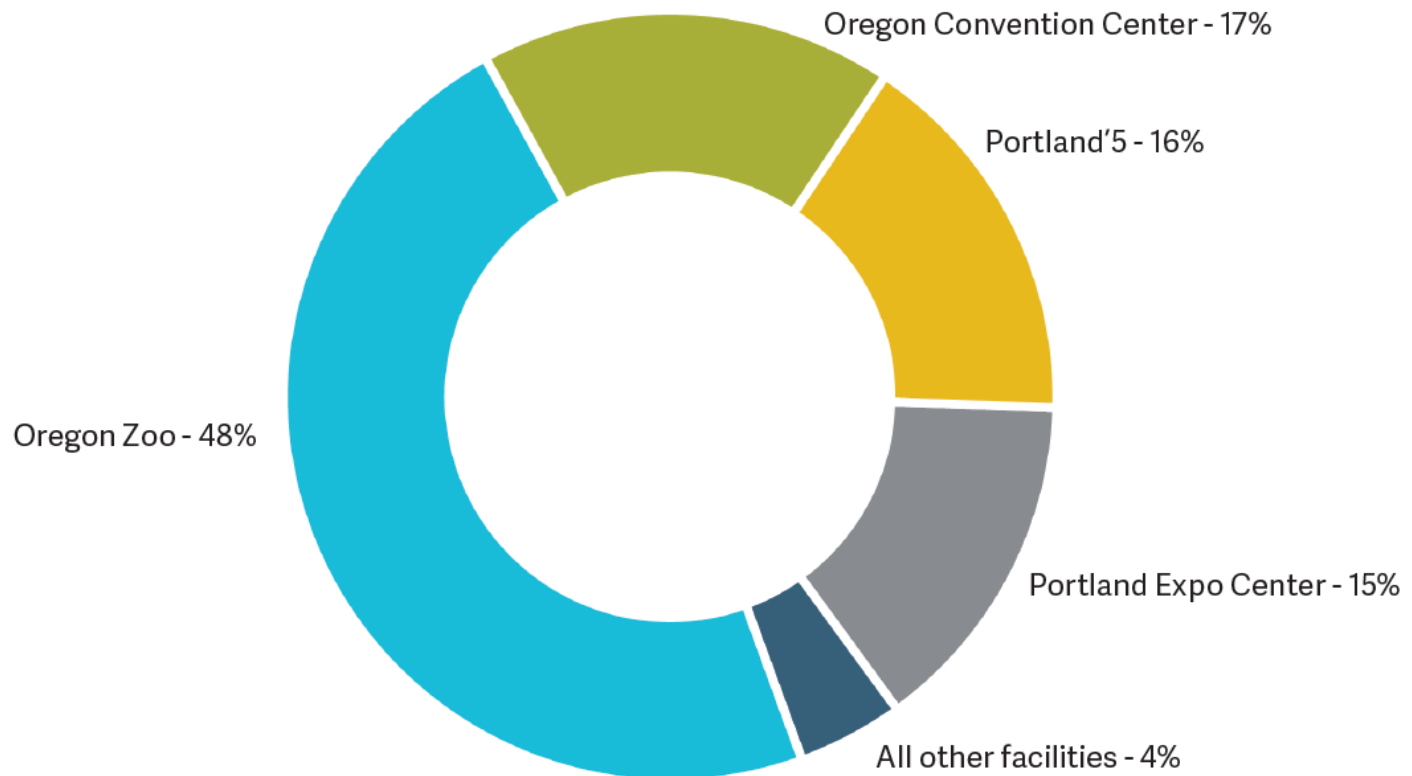
# Electricity use

**FY 2017-18 electricity use at Metro facilities as a percentage of agency total**



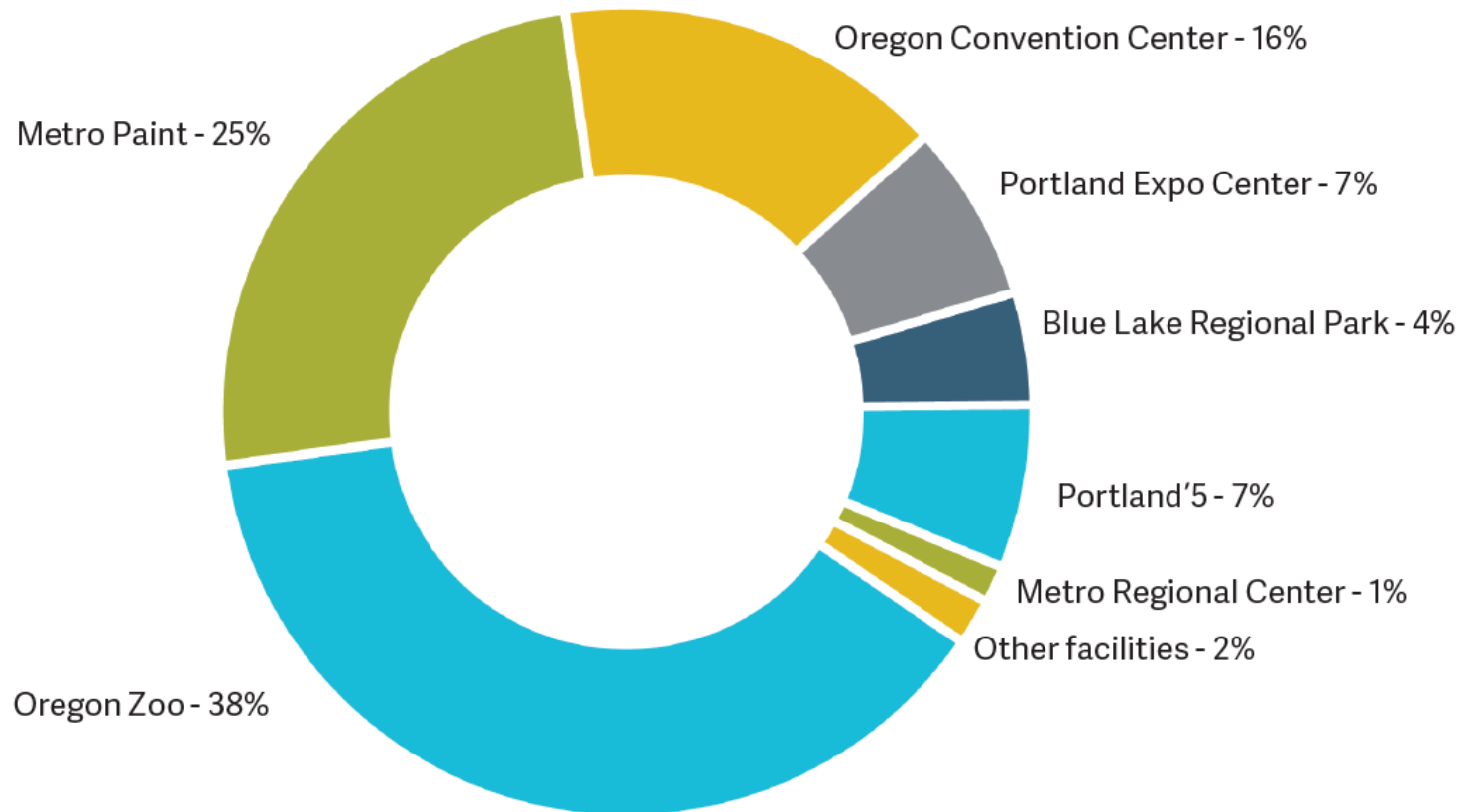
# Natural gas use

**FY 2017-18 natural gas usage at Metro facilities as a percentage of agency total**



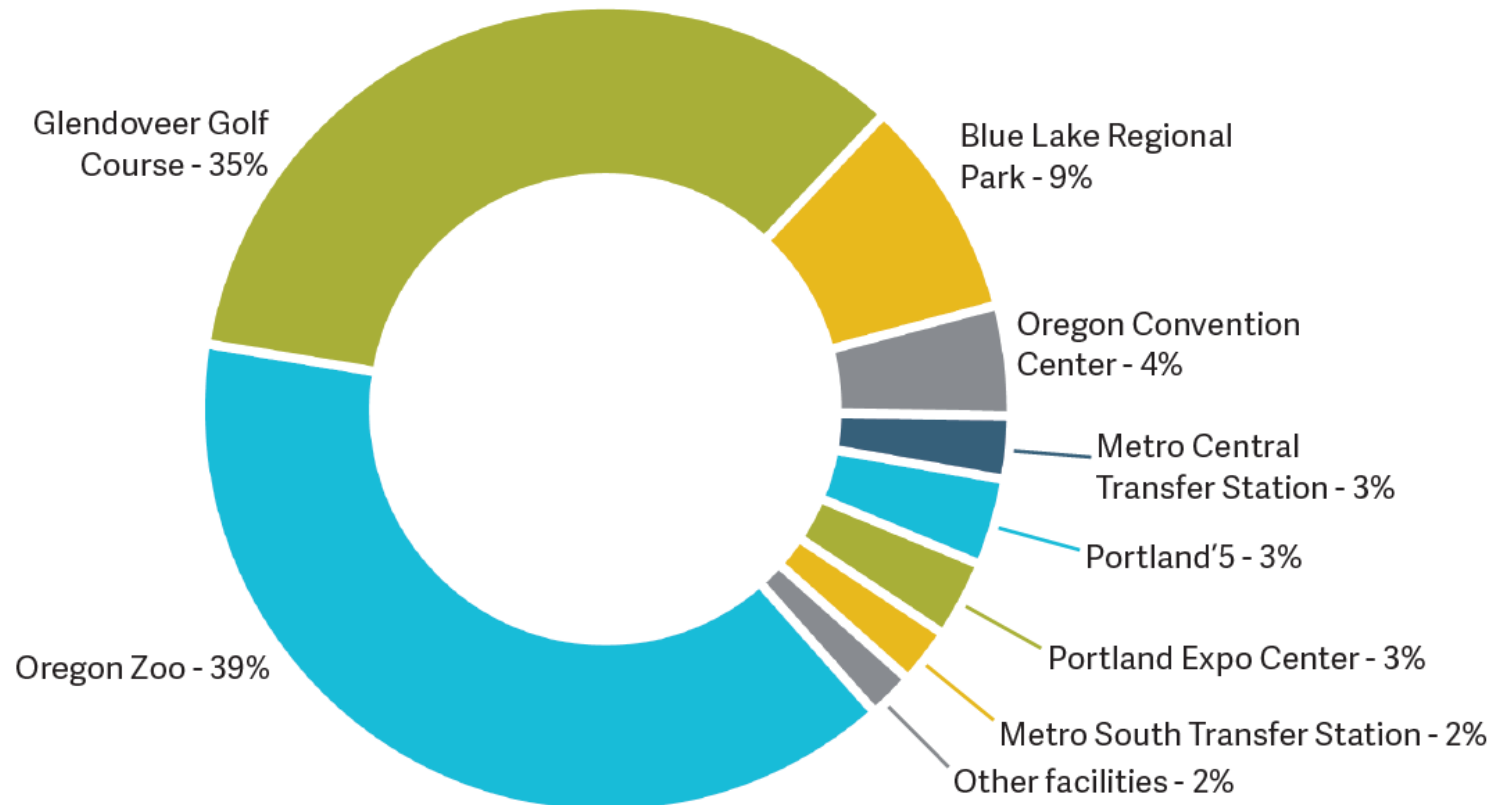
# Waste generation

**FY 17-18 total waste generated as a percentage of agency total**



# Water use

FY 2017-18 water usage as a percentage of agency total





# Effective impervious area

**FY 2017-18 effective impervious areas as a percentage of agency total**

