

GOALS

**net-zero**

carbon

+

**100%**

renewable electricity

**2022**

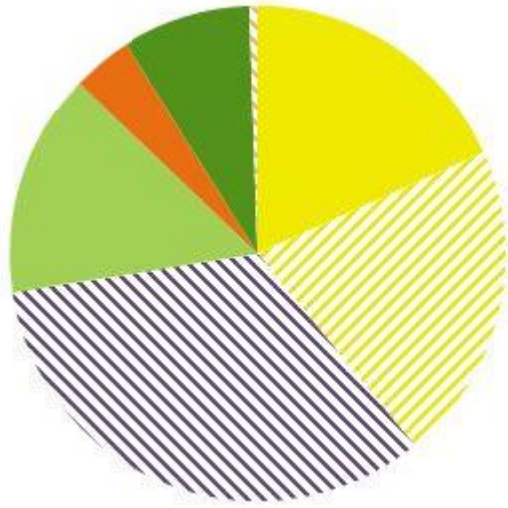
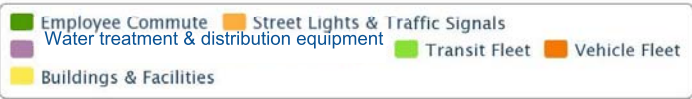
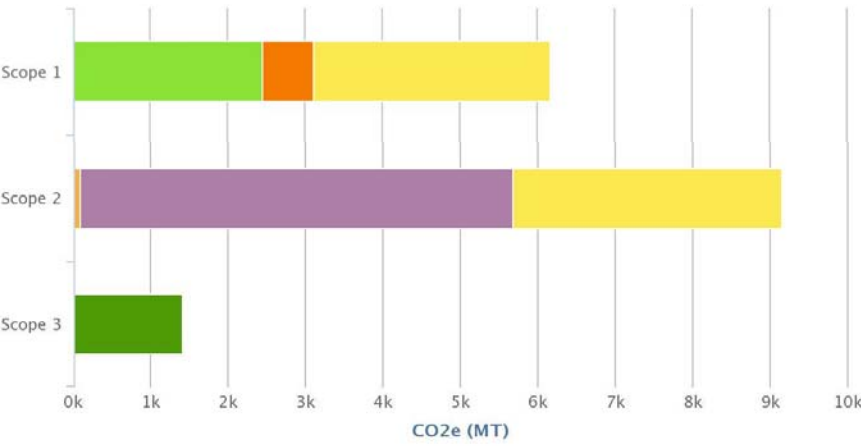
for city operations

**2032**

community wide

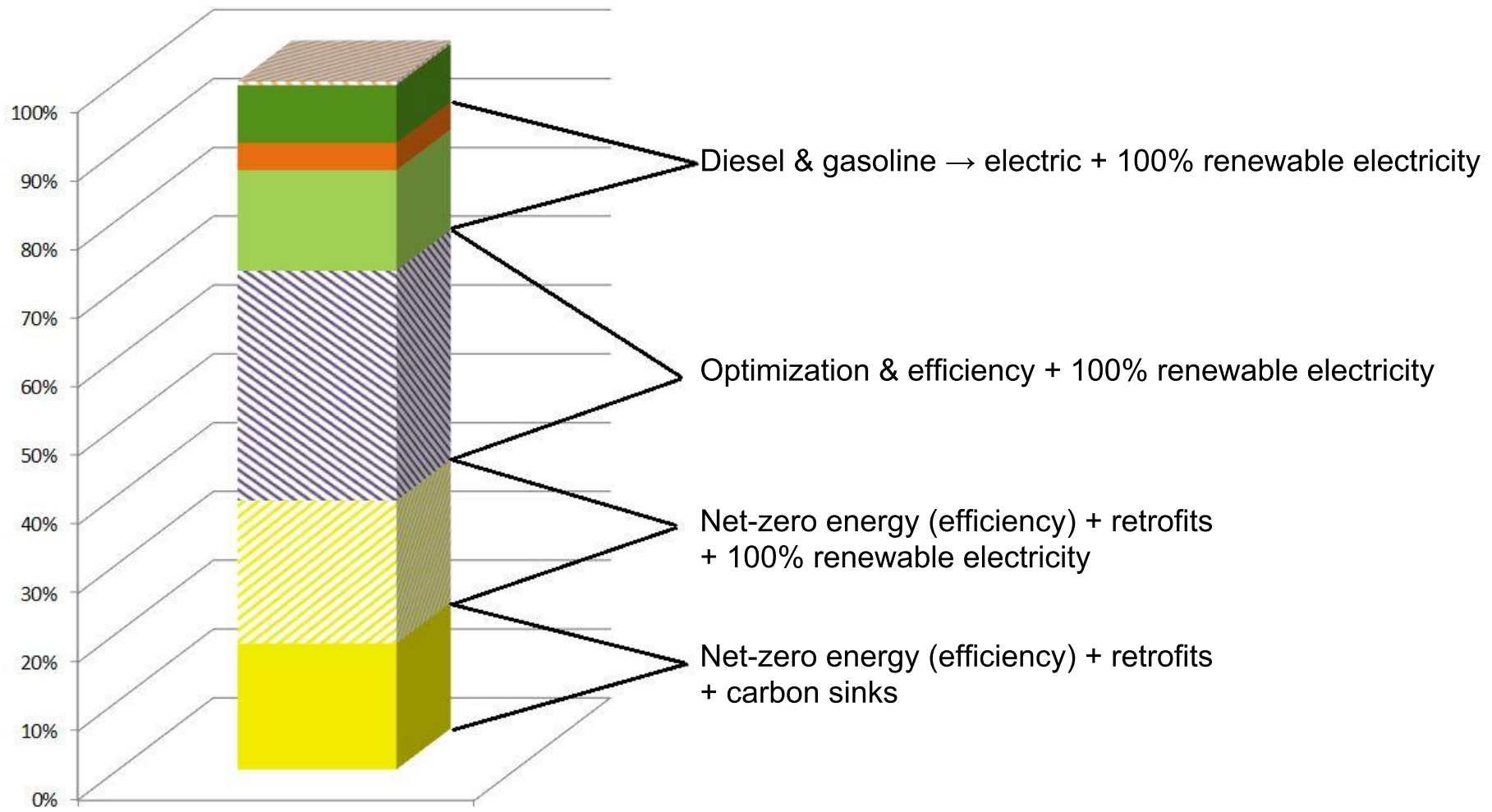
# Park City's Municipal CO2 Footprint

Total CO2e footprint = 16 697 MT



- Scope 1- Buildings & facilities (18.3%)
- Scope 2- Buildings & facilities (20.8%)
- Scope 2- Water treatment & distribution (33.4%)
- Scope 1- Transit fleet (14.6%)
- Scope 1- Vehicle fleet (3.9%)
- Scope 3- Employee commute (8.4%)

Highcharts.com



**100% renewable  
electricity**

# 100% Renewable Electricity

Cooperative agreement signed with Rocky Mountain Power



# **Transportation (diesel&gasoline)**

# Electrification and fleet

6 new electric buses into circulation in June 2017

Electrification of entire bus fleet by 2029

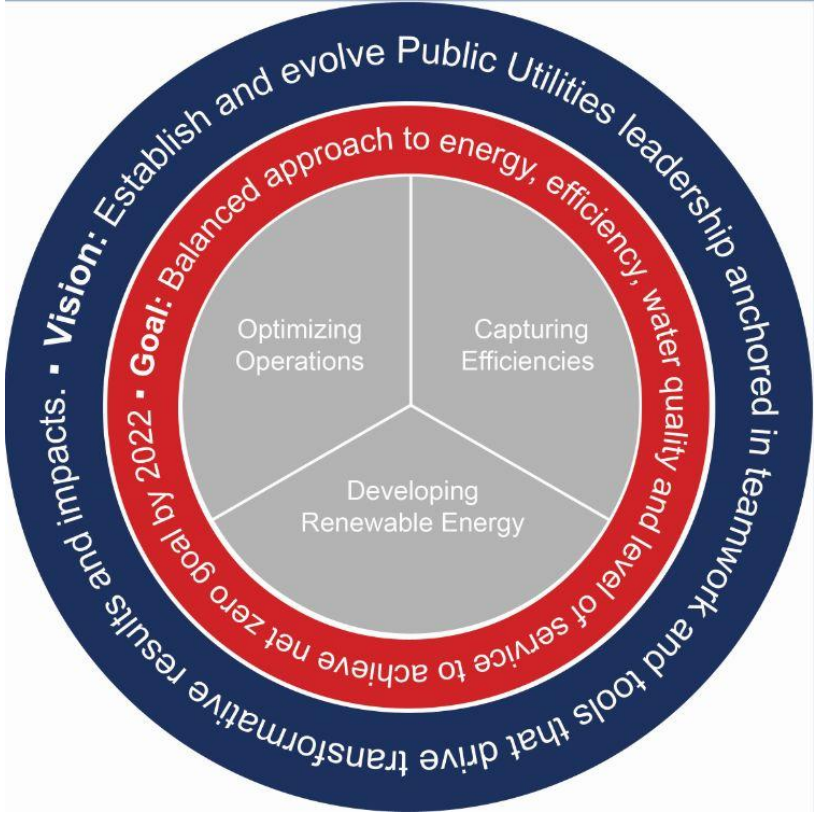
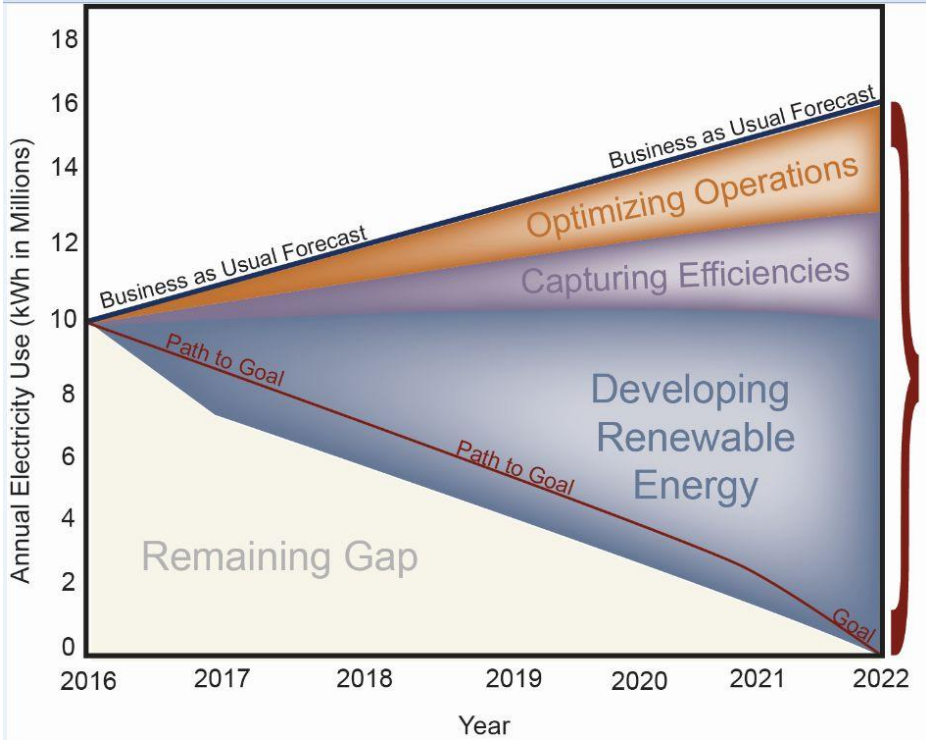
Electric bike share



# **Water distribution & treatment**



# Water optimization and efficiency



# **Net-zero buildings and facilities**



1.  
REDUCE ENERGY  
CONSUMPTION



2.  
HIGH  
PERFORMANCE  
ENVELOPE



3.  
APPROPRIATELY  
DESIGNED  
SYSTEMS



4.  
ON SITE  
ENERGY  
PRODUCTION



5.  
MONITORING  
& VERIFICATION

# Intent

**Define the goal** for building projects using municipal funds.

Drive **whole systems design** and **life cycle thinking**.

**Balance the on-site annual energy use** of all buildings and facilities built with renewable energy generated on-site, or as close to the consumption site as possible, i.e. campus renewable installations are encouraged to capture efficiencies.

Focus on **energy efficiency and actual performance**, not a checklist of features.

**Define roles** and responsibilities of different actors to ensure performance is in line with the intended design.

# Carbon sinks

# Carbon sinks and sequestration

Planting trees, grazing practices and soils management



**Thank you**

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