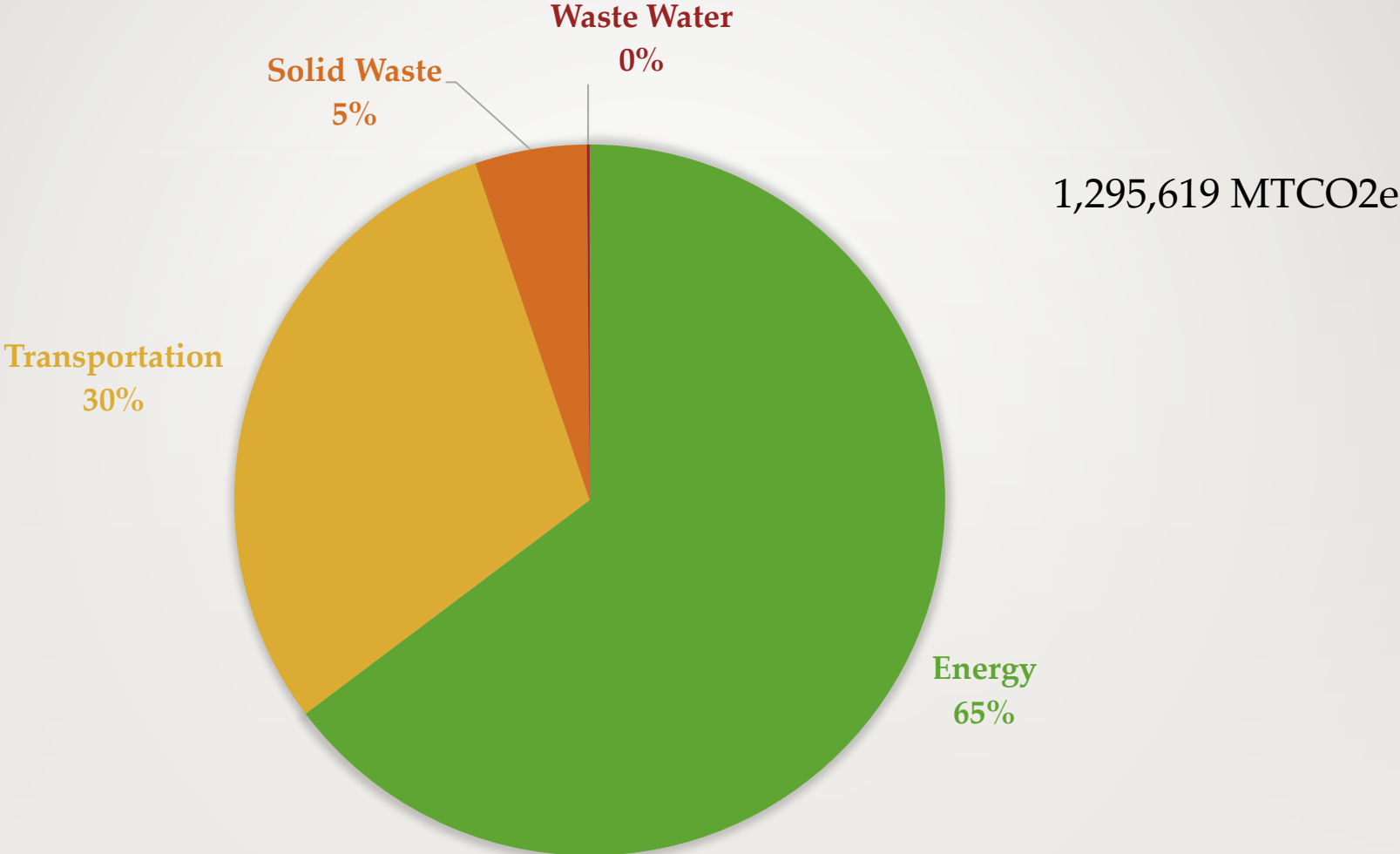


# Sustainability Progress and Programs

MAY 4<sup>TH</sup>, 2020



# 2007 Green House Gas Inventory



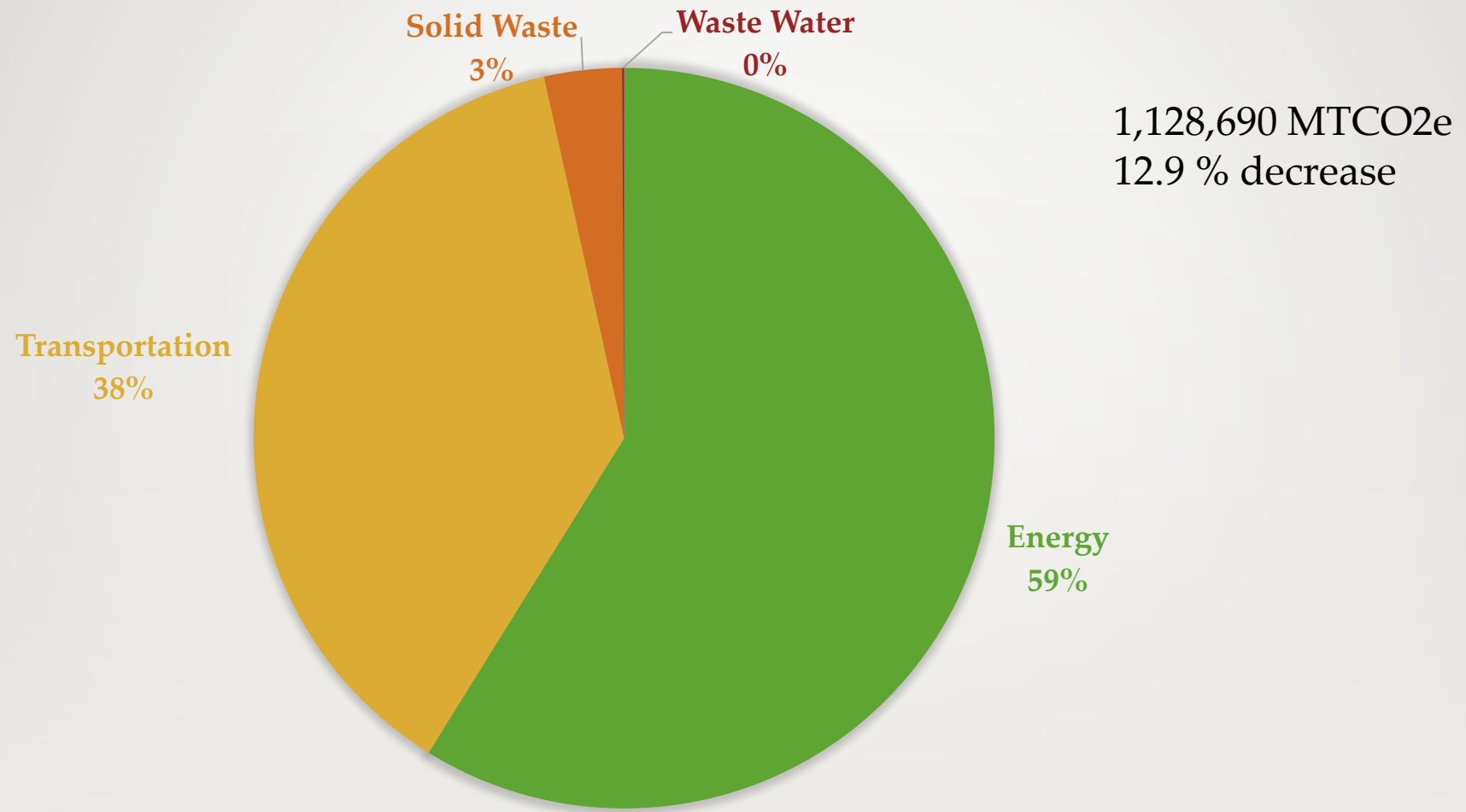


# Initial Clearwater Greenprint Goals

1. Reduce citywide greenhouse gas emissions **10 percent** below 2007 levels by the year **2020**
2. Reduce citywide greenhouse gas emissions **25 percent** below 2007 levels by the year **2035**



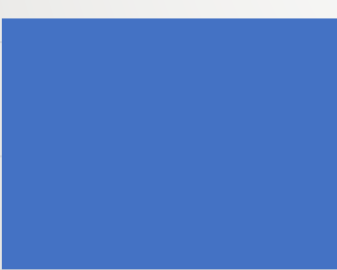
# 2018 Green House Gas Inventory



**Growth rate = 0.005**

### Clearwater Population

400000  
350000  
300000  
250000  
200000  
150000  
100000  
50000  
0



2007

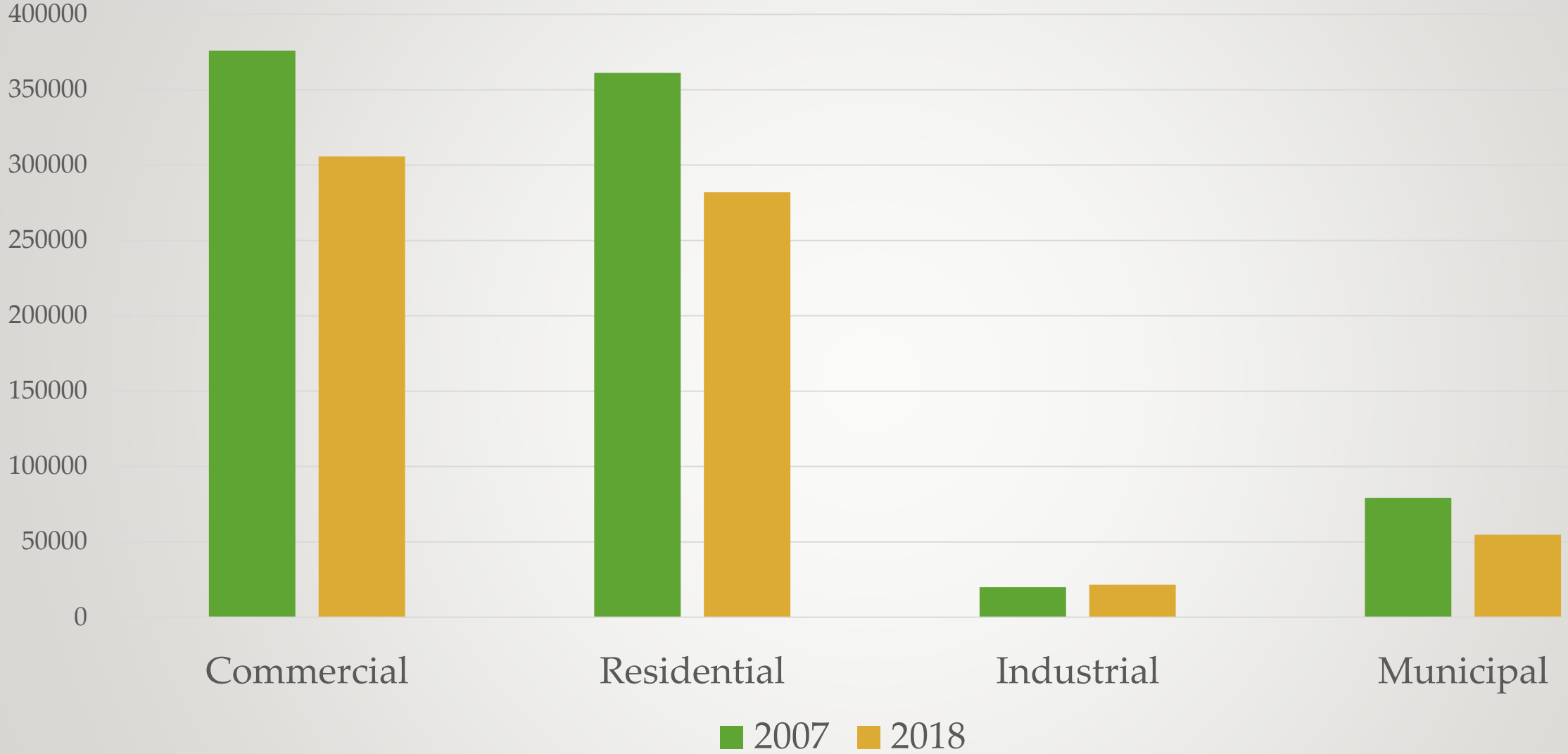


2018



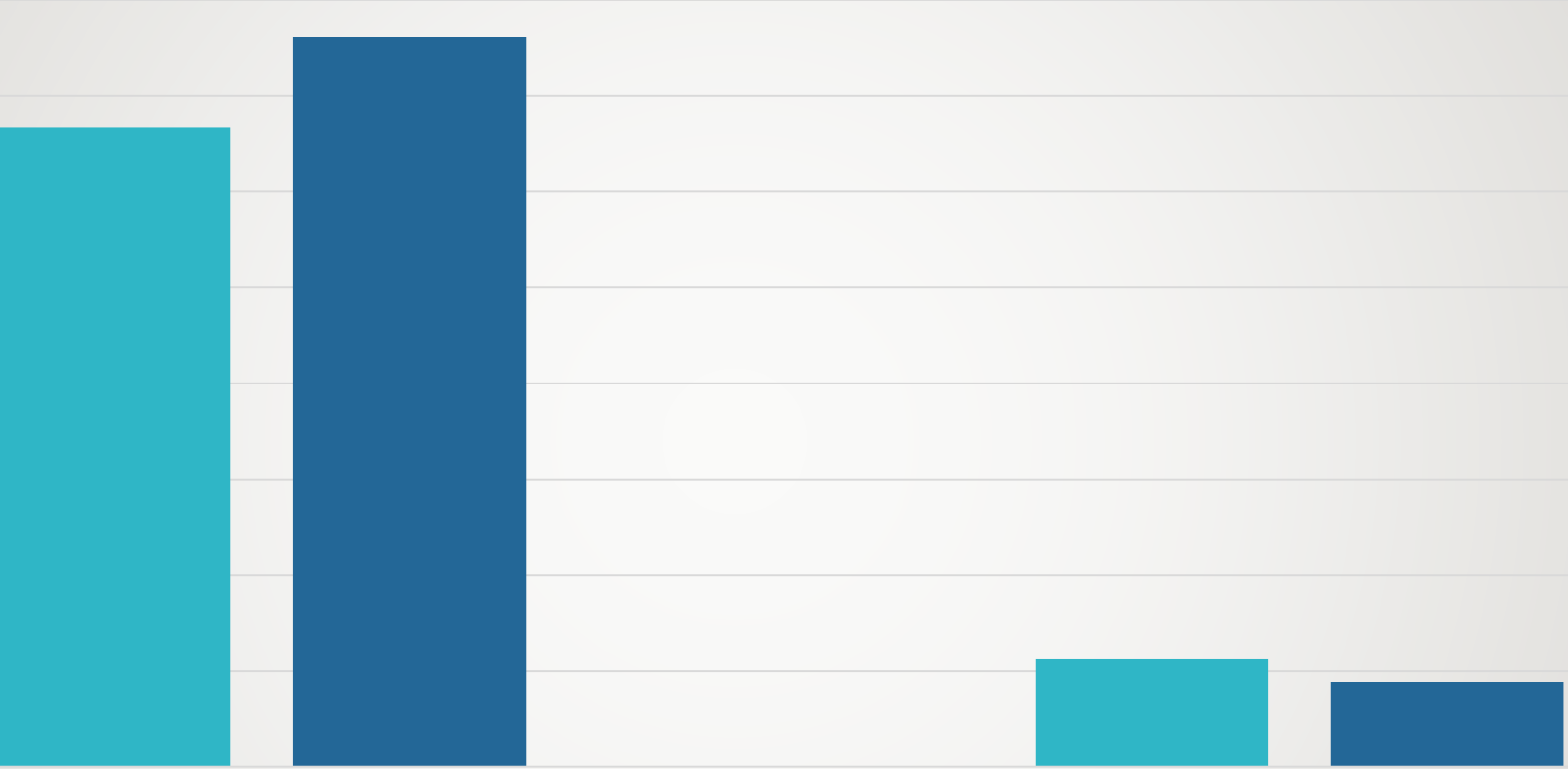


# Energy Emissions (MTCO2e)



# Transportation Emissions (MTCO<sub>2</sub>e)

400000  
350000  
300000  
250000  
200000  
150000  
100000  
50000  
0



Passenger

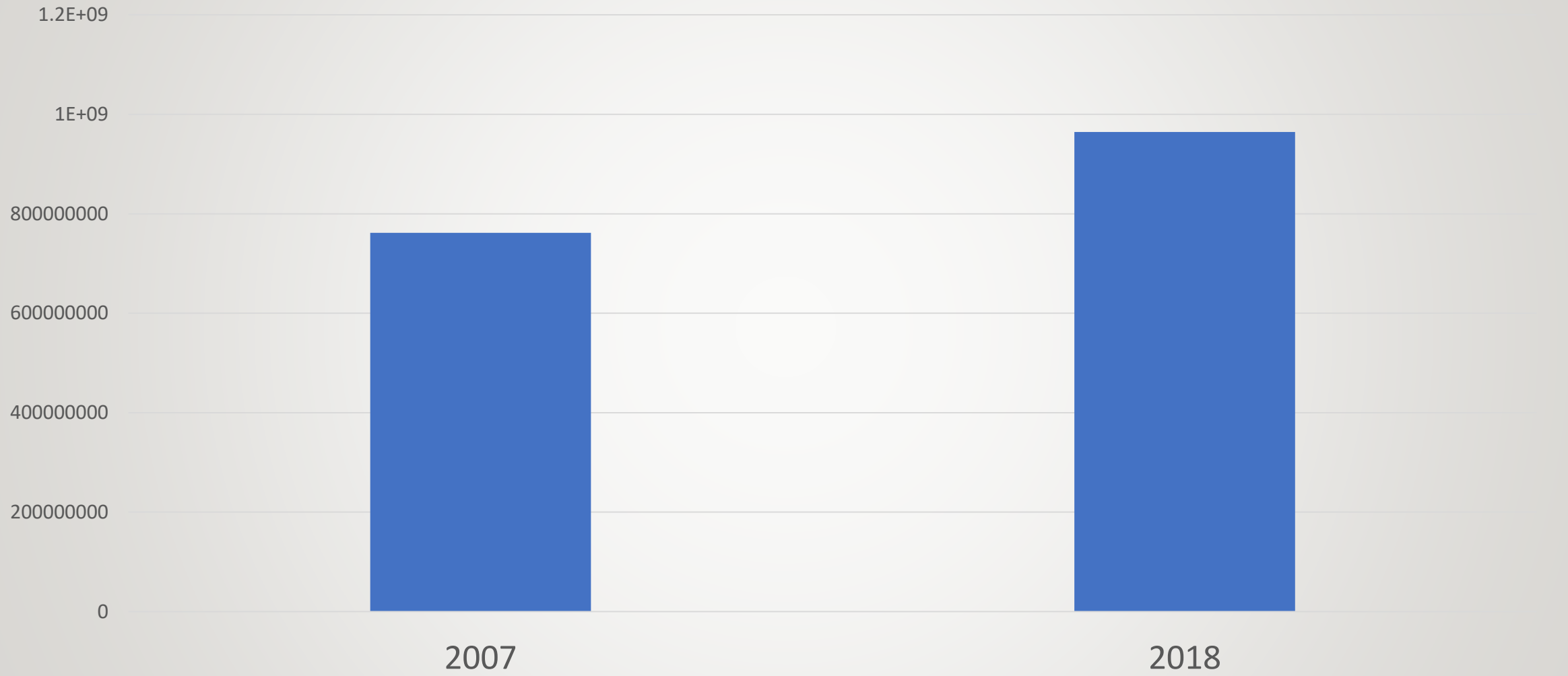
Freight

2007 2018



**Growth rate = 0.022**

### Passenger Vehicles Miles Traveled Annually





# Meeting Our Future Goals



- Reduce citywide greenhouse gas emissions **25 percent** below 2007 levels by the year **2035**
- Establish further emission reduction goals



# Energy Efficiency Updates

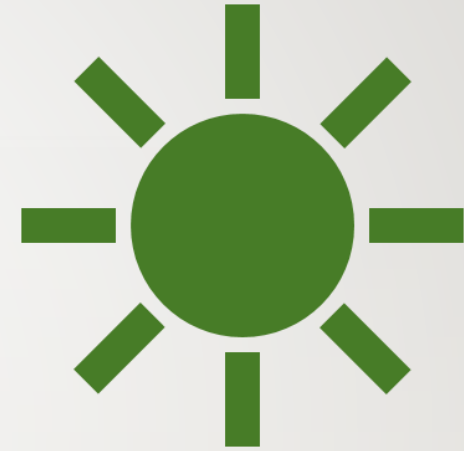
- Municipal Energy Savings Program
- Property Assessed Clean Energy (PACE) for Commercial Buildings





# Renewable Energy Updates

- Solar Co-op Program
- Duke Community Solar Program





# Transportation

- Fleet Updates
- Complete Streets



# Additional Updates

- Residential Compost Workshop Series
- Pinellas Sustainability & Resiliency Network





# Sustainability Progress and Programs

MAY 4<sup>TH</sup>, 2020

