



# Tempe 2018 Community Greenhouse Gas (GHG) Emissions Inventory

| GHG Emissions<br>by Source Category | GHG Emissions<br>*MTCO <sub>2</sub> e | Percent |
|-------------------------------------|---------------------------------------|---------|
| Electricity Use                     | 1,408,759                             | 53.5    |
| Mobile Sources                      | 899,963                               | 34.2    |
| Stationary Fuel Combustion          | 221,068                               | 8.4     |
| Wastewater                          | 40,884                                | 1.6     |
| Solid Waste                         | 28,338                                | 1.1     |
| Manufacturing (Fluorinated Gas Use) | 24,382                                | 0.9     |
| Imported Water (Electricity Used)   | 10,274                                | 0.4     |
| Livestock (Cattle)                  | 846                                   | 0       |
| Fertilizer Use                      | 40.4                                  | 0       |

*\*Metric tons of carbon dioxide equivalent*

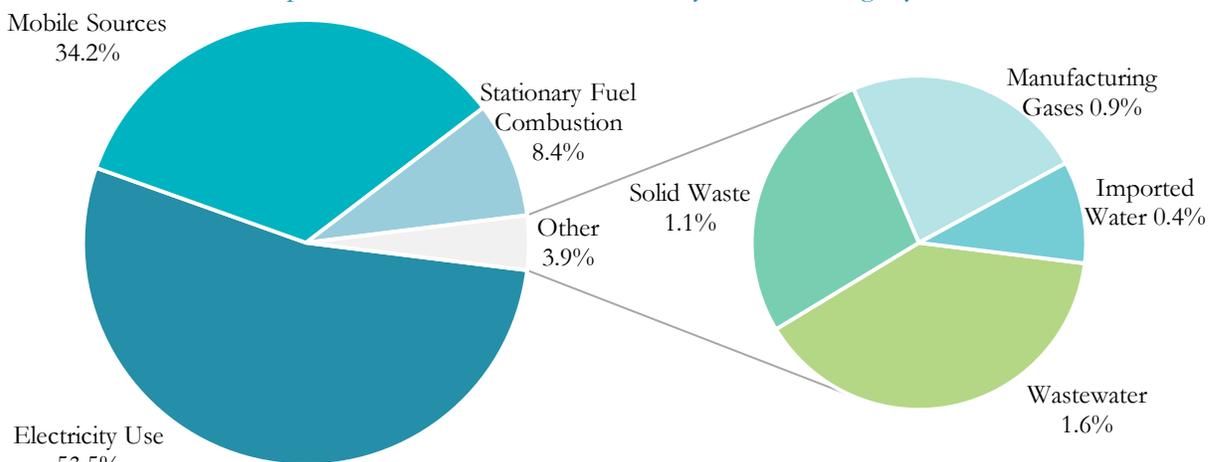
Gross GHG Emissions  
**2,634,553 MTCO<sub>2</sub>e**

GHG Reductions (Urban Forestry)  
**-8,198 MTCO<sub>2</sub>e**

Net GHG Emissions  
**2,626,356 MTCO<sub>2</sub>e**

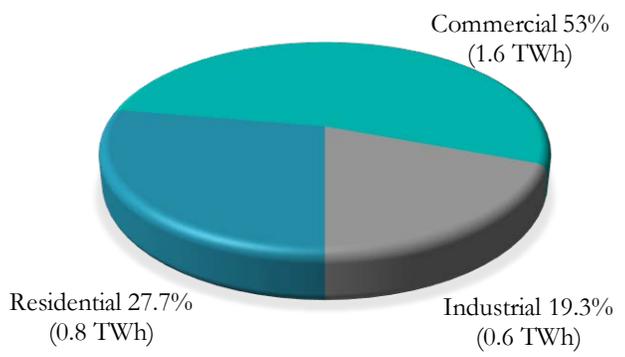
Per Capita Net GHG Emissions  
**14.2 MTCO<sub>2</sub>e**

Tempe Greenhouse Gas Emissions by Source Category\*\*



\*\*Fertilizer use and livestock not included

Tempe Electricity Use GHG Emissions  
by Economic Sector



Tempe Mobile Source GHG  
Emissions

