

# 2018 Sustainability & Resilience Report

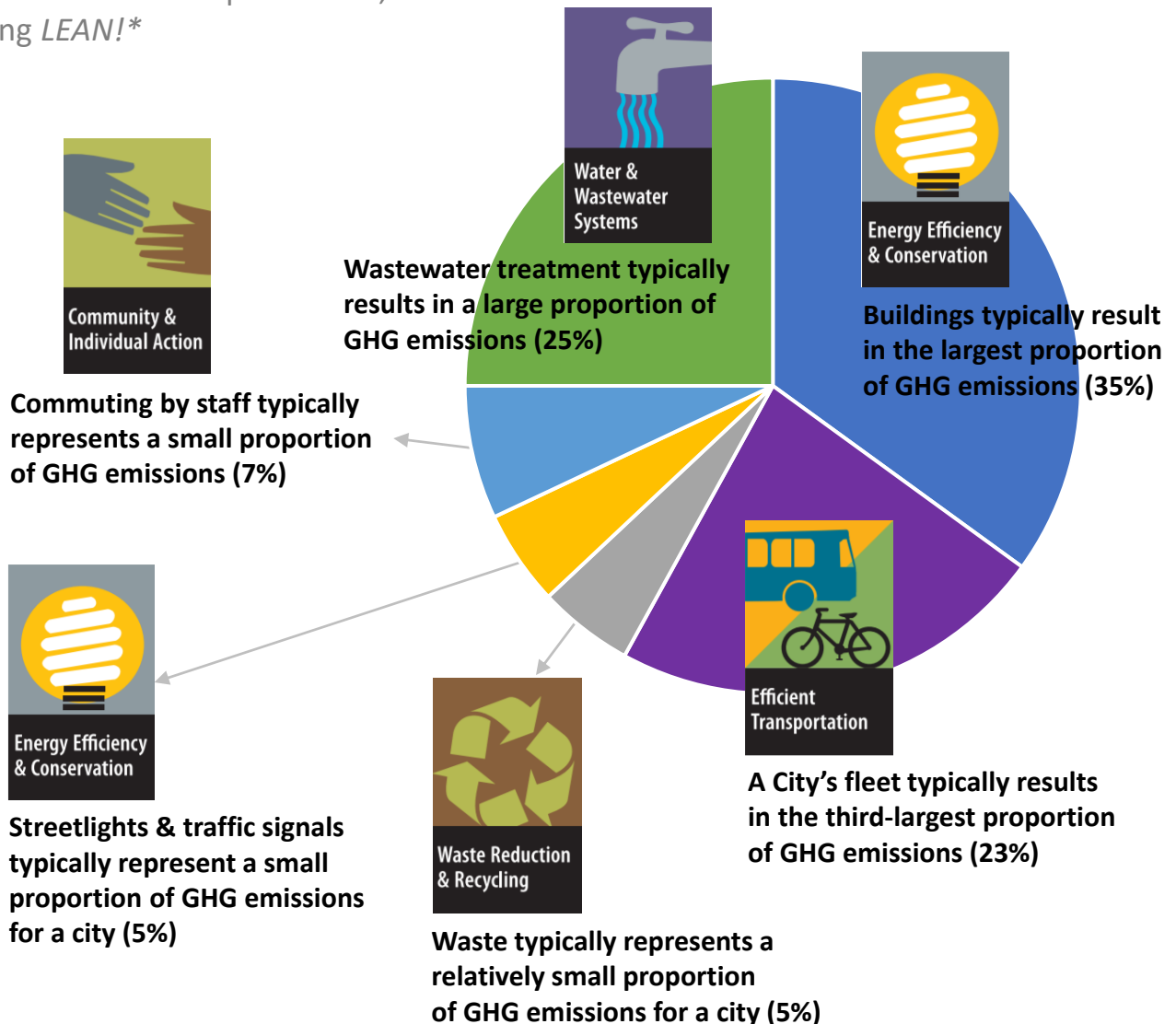
From Buzzwords to Basics:  
Sustainability... Resiliency.  
Mitigation... Adaptation.  
Hazards... Response.

>> Call it what it is: **Risk Management!**

Cities are the front lines of climate resilience. Fortunately, City of Sequim staff are oriented to reducing exposure to risk, a culture of constant improvement, and thinking *LEAN!*\*

Modern climate change exacerbates the hazards we're constantly preparing for: ***flooding, fire & drought.***

The infographic below shows the relative greenhouse gas (GHG) contributions of typical city operations – and therefore where improvements can make the biggest difference:



The above pie chart indicates the typical, approximate greenhouse gas (GHG) emissions from local government operations, such as in Sequim. Source: New York State Dept. of Environmental Conservation.

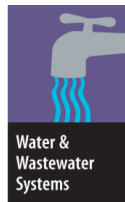
\*LEAN means creating value while minimizing waste (of time, energy, money)

Highlights of Sequim’s sustainability projects since the adoption of **two key resolutions**:

- R2012-11 for reducing greenhouse gas emissions
- R2016-16 for improving sustainability and resiliency



*Civic Center (2015) is LEED Gold  
Upgraded digesters at the WRF  
Street lighting all converted to LED  
Truck flashers run off battery  
Approved rooftop solar grant app*



*First Stormwater Master Plan  
Carlsborg sewer extension  
Jamestown Tribe sewer agreement  
Using goats for vegetation control  
Pursuing additional water sources and  
uses for Class A reclaimed water*



*Electronic work order delivery (tablets)  
Online bill pay  
Improved teleconferencing options  
Janitor’s van replaced with EV  
EVs for WRF and Parks staff*



*Online bill pay  
Utility trench spoils reused  
Asphalt recycled as street base layer  
New/additional recycling stations*



*North Olympic Peninsula emergency  
management coordination  
Coordinated hazard mitigation planning  
Coordination of human resources  
agencies*



*Seven neighborhood designations will  
improve equity and economies of scale  
Planned Residential Development  
ordinance*



U.S. Climate Resilience Toolkit’s five “**Steps to Resilience**” (above). Next, Sequim will:

- Adopt a standard planning framework, integrating with Comp and Master Plan Updates
- Establish measurable objectives, one plan at a time
- Recommend goals and target dates, and ensure annual budgets for implementation

*References:*

U.S. Climate Resilience Toolkit <https://toolkit.climate.gov/#steps>

Sustainability Framework graphics courtesy of the Institute for Local Government: <https://www.ca-ilg.org/sustainability-best-practices-framework>