

Sustainability & Resiliency Statement

From Buzzwords to Basics:

“Resiliency” ... means Adaptation to hazards.

“Sustainability” ... means Mitigating impacts.

“Threats” ... require Response.

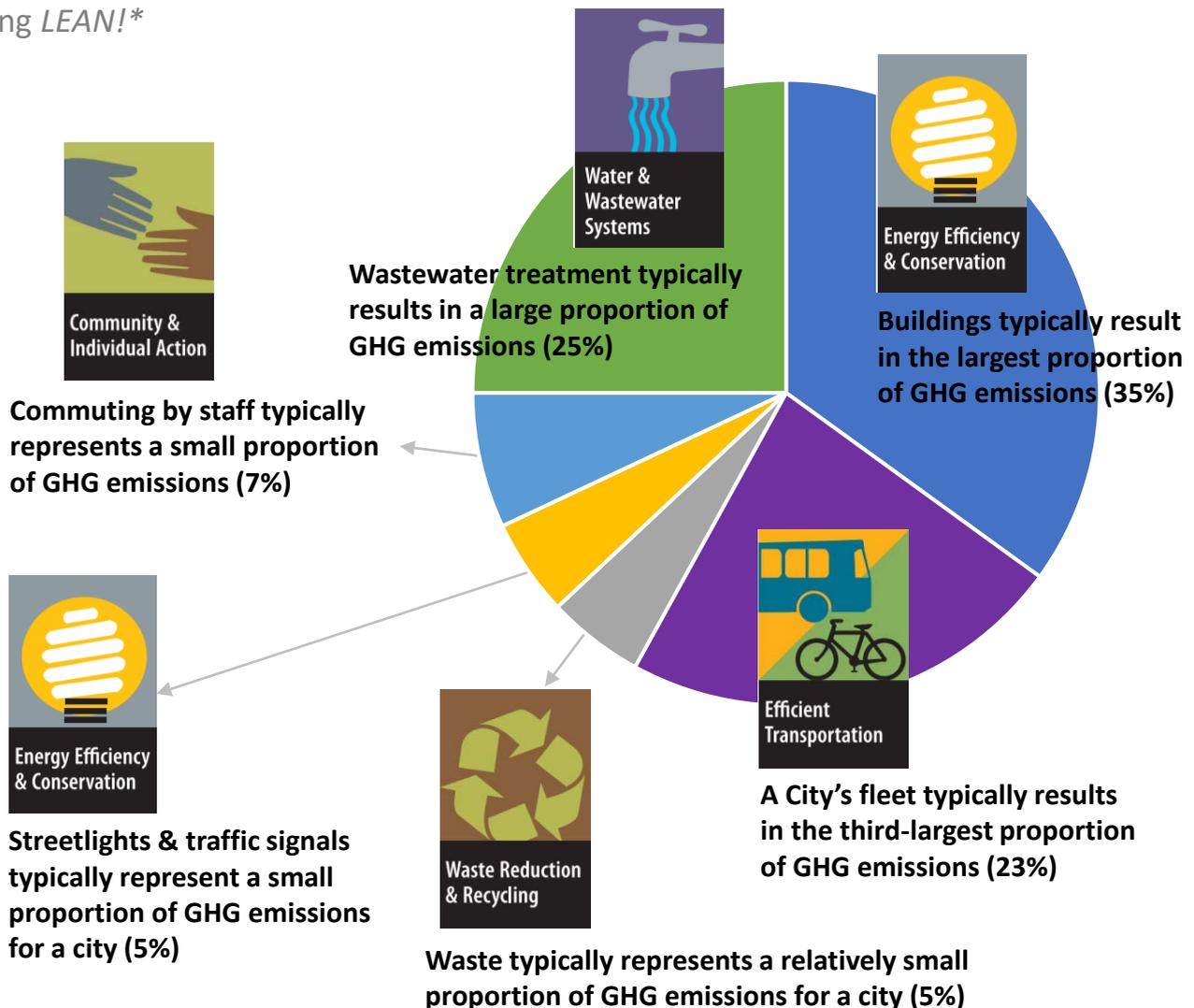
>> Call it what it is: **Risk Management!**

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 hazards the City is 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 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). en.wikipedia.org/wiki/Lean_Six_Sigma

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
- ✓ Asset Management implementation
- ✓ 50 kW solar installation (2020)
- ✓ Solar lighting for outdoor signs, etc.



- ✓ Carlsborg, Blyn sewer extensions
- ✓ Utilization of Class A Reclaimed Water
- ✓ Pursuing new drinking water sources
- ✓ Implementing Master Plans for water, sewer/reclaimed water, stormwater



- ✓ Online meetings, remote working technology adopted due to COVID
- ✓ Continued transition to alternative fuel vehicles
- ✓ EV charging stations (with PUD)
- ✓ Electronic work orders (tablets)



- ✓ Scan vital records/shred paper copies
- ✓ Online bill pay; online permitting soon
- ✓ Big Belly and other recycling stations
- ✓ Water bottle filling stations
- ✓ Asphalt & utility trench spoils reused
- ✓ Solid Waste/Recycling Plan underway



- ✓ Coordinated emergency management ops and Hazard Mitigation Planning
- ✓ Track KPIs
- ✓ Outreach re: public health, equity, sustainability activities
- ✓ Private stormwater inspection pgm



- ✓ Implement codes, plans for energy, water, and transportation efficiency
- ✓ Oversee construction practices to protect water quality
- ✓ Implement “Low Impact Development” per stormwater plan



Done (see references 1 & 2)



Done



Started



2018 – 2022



Ongoing

Next Steps to Resilience:

- Continue integrating sustainability measures with Comp and Master Plan Updates
- Establish measurable objectives, goals and target dates
- Ensure annual budgets for implementation

2018, City of Sequim (updated 2020)

References:

1. Climate Preparedness Plan for the North Olympic Peninsula (2015) <https://www.noprcd.org/climate-change-report>
2. Clallam County Hazard Mitigation Plan (2020) <http://clallam.net/EmergencyManagement/hazardmitigationplan.html>
3. U.S. Climate Resilience Toolkit <https://toolkit.climate.gov/#steps>
4. Graphics from the Institute for Local Government (CA): <https://www.ca-ilg.org/sustainability-best-practices-framework>