

Climate Action in Jefferson County

BILL WISE

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Jefferson County Inventory Work

- City and County authorized its first GHG Inventory Team in 2007 (base year 2005)
- In Feb 2019, City and County authorized CAC to conduct a second GHG Inventory (base year 2018) and approved purchase of ICLEI Software
- ICLEI Software has two tracks – Community-wide and Government
- Defined Scope: Jeff Co doing community-wide, as well as detailed analyses (“government track” of all CAC organizations (city, county, hospital, Jefferson Transit, Port, PUD, PTPC)
 - Contact points are either CAC reps or who they recommended – city manager, etc.
- ICLEI – International Council for Local Environmental Initiatives
- CAC – Climate Action Committee

CAC Diverse Membership

Jefferson County BoCC

Jefferson PUD

Port Townsend City Council

Citizen at Large

Jefferson County Public
Health- Green Business

Non-Motorized
Transportation

Port Townsend Paper Mill

Student

Jefferson Transit

Atmospheric
science/agriculture/environ
mental mgmt.

Port of Port Townsend

Jefferson Healthcare

GHG Inventory Team

- Cindy Jayne – CAC & Team Leader/Doer
- Bill Wise – Inventory Data Entry
- Marion Huxtable – Solid Waste & Transportation
- Karen Steinmaus – Agriculture and Forestry
- Diane McDade – Reporting and Design
- Richard Jahnke – Consumption

Jefferson County Inventory Work – Community Wide Data

- Electricity use broken down into residential, commercial and industrial
- Fossil fuel usage (gasoline, diesel, fuel oil, propane, etc.)
- Information regarding total waste generated and characterization, and details related to the landfill methane capture and handling, etc.
- Details of electricity and fossil fuels used and generated in the handling of wastewater.
- Vehicle Miles Traveled
- Electricity used by water agencies in Jefferson County, and population served, related to extraction, treatment and distribution of potable water
- Agricultural data including acres cultivated, livestock type and numbers, and value of production

Jefferson County Inventory Work – Government Track Wide Data

- Electricity use, per building
- Gasoline, diesel, propane, biodiesel, ethanol, natural gas or other fuel types, usage by your organization
- Fleet vehicle information (types of vehicles, fuel types and quantities used, miles traveled)

Jefferson County Inventory Work

- Spent 3 months defining exactly what data we wanted
 - ICLEI has lots of possible calculators, we reviewed all and decided which ones were relevant to us
- Sent out requests for data in mid June, asked back by end of August
- Inputted Raw Data from the 2005 GHG Inventory
 - for comparison with 2018 Inventory
- Designed a commute survey form (we can share) matching ICLEI inputs
- Organizational effort is primarily for government track – gathering data noted in that track. Can be scaled up or down. For ex, we asked for building sq. footage, not hours of occupancy, etc. And commute survey is optional but useful.
- Lots of flexibility to do what makes sense for you – scope, etc., can be defined, software will allow just basics or more complete

Inventory - Jeff Co lessons so far

- Clearpath is weak for Agriculture Sector. One must hand-do calculations following examples from ICLEI.
- Once inventory is done, ICLEI Software has ability to define projections, and model various reduction strategies built into the software. So you may want to plan on multi-year ICLEI membership.
- Clearpath does not currently have any capability for assessing greenhouse gas emissions for forested lands. GHG Inventory Team is including an alternative discussion on forested lands in the County.
- Clearpath is a sector based model not a consumption based model. GHG Inventory Team is including an alternative discussion on Community consumption.
- It always takes a little longer than you think

Jefferson County / PT CAC

- 2007 – Adopted Goal to reduce greenhouse gases 80% below 1990 levels by 2050
 - Initial GHG Inventory
- 2008 - CAC formed
- 2011 - Climate Action Plan
- 2015 – Climate Preparedness Plan
 - (NOPRC&D) North Olympic Peninsula Resource Conservation & Development
- 2019 – CAC formed GHG Inventory Team

Discussion

Thank you!
