

## Project: Albany County Greenhouse Gas Emissions Inventory (GGEI)

### Background

Students in the 2019 and 2020 Campus Sustainability course completed the City of Laramie's first municipal operations and community-wide greenhouse gas emissions inventories, respectively. These efforts established a baseline to support the City's continued climate action planning and emissions reduction work and developed a manual for ongoing data collection and input into ICLEI's (Local Governments for Sustainability) ClearPath calculator through Laramie's membership. Now that the city, county, community, and university are collaborating to identify shared emissions reduction strategies (as outlined in the Laramie Climate Action Summit project), a similar assessment of Albany County greenhouse gas emissions will bolster this and the County's own climate action work. In addition to collecting and inputting data and developing protocols for future inventories, this project will share results and recommendations for emissions reduction strategies with County community stakeholders

### Deliverables

- Clarify scope of data collection (e.g., City and County, municipal operations only, entire community)
- Work with mentors to identify data sources and thoughtfully connect with County employees and officials for data collection, adapting from best practices in City/community-wide inventories
- Collect all inventory data and enter it into the ClearPath calculator to produce inventory
- Develop PowerPoint and report for presentation of inventory data, sharing with County stakeholders as guided by mentors (e.g., presentation to the joint Environmental Advisory Committee)
- Develop data collection, entry, and presentation protocol for future County-wide inventories
- Glean recommendations from inventory findings for County emissions reduction

### Mentors:

- *Darren Parkin*, Natural Resources Administrator, City of Laramie, [dparkin@cityoflaramie.org](mailto:dparkin@cityoflaramie.org)
- *Pete Gosar*, Albany County Commissioner, [laramiedtc@gmail.com](mailto:laramiedtc@gmail.com)

### Resources

- <https://mt2030.org/>
- <http://icleiusa.org/>
- <https://wearelaramie.org/>
- 2019 and 2020 City of Laramie/community-wide emissions inventory reports, presentations, protocols

### Campus/Community Sustainability Concepts

Community sustainability partnerships, climate action planning, data collection and tracking, greenhouse gas emissions

**Note:** *At least one student* in this group should plan to attend the EAC meeting [insert date/time].

### Students

- 1.
- 2.
- 3.
- 4.