



Introduction

The Central Wasatch Commissions recognizes the importance of quantifying the greenhouse gas (GHG) emissions from alternative modes for the Mountain Transportation System Project. This analysis will identify emissions reduction potential for the alternatives compared to the baseline use case and establish data-driven metrics for consideration.

Summary of Qualifications

Since the organization's inception in 1991, ICLEI's mission is to build and serve a nationwide alliance of local governments to achieve measurable progress toward low-emission, resilient, equitable, circular and nature-based development. ICLEI is a nonprofit organization operating across the United States with more than 250 tribal, local and regional government members.

Protocol development. ICLEI is the innovator of local government methodologies to measure and manage GHG emissions and climate mitigation strategies including the creation of:

- U.S. Community Protocol (USCP) for Accounting and Reporting GHG Emissions
- Local Government Operations Protocol for Measuring GHG Emissions
- Preparing for Climate Change Guidebook for Local, Regional, and State Governments
- Forestry and Land Use Update (Appendix J) to the U.S. Community Protocol released 2019

Tools development. Building on the experience of more than 1,000 cities over 18 years, ICLEI launched its ClearPath GHG emissions-management software platform in 2013. With ICLEI's assistance, 383 U.S. jurisdictions had collectively created 953 community-scale inventories using ClearPath, and 250 climate action plan scenarios (targets and forecasts) by the end of 2018, demonstrating ICLEI's ability to support emissions accounting at a significant scale.





Primary Contacts

Angie Fyfe, Executive Director	Billing contact and project manager
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Proposed Scope of Work

Task 1: Alternative Modes Analysis

Identify Energy Consumption of Alternative Modes

Task 2: Emissions Profiles

Apply Energy Consumption to energy emissions factors and perform analysis of emission profiles of alternative modes.

Timeline

Task 1 and 2 to be completed by March 5th, 2021. A draft of the analysis will be provided with additional edits and updates completed by March 12th, 2021.

Cost Quote

Table 1 Scope of Work and Cost Quote

Task	Expected Deliverables	Hours	Cost 93.50/h our
Task 1: Alternative Modes Analysis	Energy Consumption and Energy Source Analysis	8	\$748.00
Request/Condition Vendor Data on energy consumption of Alternative Modes		5	\$467.50
Determine potential energy source(s) and emissions factors		3	\$280.50
TASK 2: Emissions Profiles	Emissions Profile per trip, passenger mile travelled	15	\$1,402.50
Apply Emissions Factors to each Mode		1.5	\$140.25
Establish Emissions Profiles for each Mode		10	\$935.00
Draft Analysis Report and Edit		3.5	\$327.25
		Total	\$2150.00