

Portland / South Portland Climate Adaptation Planning

Objective: To develop Climate Action and Adaptation Plans for Portland and South Portland based on a joint vision of deep carbon reduction as described in commitments made by both city councils.

Climate Commitments:



The Portland and South Portland City Councils have signed onto the Mayors Climate Agenda, which pledges that each city will take actions to comply with the Paris Accords. Leading cities see this as reducing CO2 emissions 80% by 2050. By signing the agreement each city has pledged to these actions:



1. Developing a community Greenhouse Gas (GHG) emissions inventory
2. Setting near- and long-term targets to reduce emissions
3. Developing a Climate Action Plan aligned with the City's targets.

The Portland City Council passed a resolution stating a commitment that the City of Portland will run on 100% renewable power by 2040.

Community Greenhouse Gas Inventories:

GridSolar has offered an ambitious project to map the energy use in each city at the parcel level and to create a map of the local electrical grid. This will provide the data needed to plan for future actions that will curb emissions such as solar, renewable thermal technologies, and micro-grids.

The Project: January, 2018 - December, 2019

Solicit qualified consultant for facilitation, technical analysis, and writing reports

Identify and recruit a steering committee of regional experts

Conduct community stakeholder meetings

Steering committee refines an overall vision for 80x50 based on community input & expertise

Consultant drafts CAAPs incorporating specific actions to achieve the vision

Steering committee offers feedback on drafts

Consultant prepares final CAAPs for each city

Budget

Experience in other cities and feedback from consultants suggest a total cost for the project of about \$220,000. (\$110,000 for each city)

Advantages of a joint project

Presents a unified vision in to achieve similar goals

Achieving targeted CO2 reductions will require aligned plans and coordinated actions

Prevent duplication of effort / efficient use of consultant time

Enables cities to fully leverage the value of the GridSolar project (combined value \$620,000)