Growing Washington’s Clean Energy Value Chain

Clean Energy Base Roadmap Project

Objective
Develop a baseline roadmap for the state’s clean energy enabling technology sector – encompassing batteries, energy storage devices, inverters, smart grid controls and meters, advanced transmission and distribution equipment, and controls software.

Background
With the larger goal of identifying and understanding the state’s cleantech sector, the Washington Clean Technology Alliance has partnered with the Washington State Department of Commerce and the State Energy Office to examine various subsectors under the cleantech umbrella. The first of these areas to be examined will be the energy enabling technology sector including smart grid and energy storage.

The roadmap is the first component the State Energy Office’s Growing Washington’s Clean Energy Value Chain project funded by the U.S. Department of Energy. The Energy Office seeks an in-depth understanding of the state’s clean energy enabling technology manufacturing and customer landscape in order meet the following objectives:

1. Create the conditions for growing a resilient manufacturing cluster for the state’s key clean energy enabling industries.
2. Increase jobs in clean energy manufacturing.
3. Build both domestic and international markets for Washington-based clean energy companies.
4. Support state goals to increase renewable energy production, reduce greenhouse gas emissions, and grow the state’s economy.

Core Project Team

Schedule
- Online survey tool distribution to firms – late July, 2014
- Survey follow-up and additional interviews – August, 2014
- Focus groups – Fall 2014
**Roadmap Structure**

The roadmap will provide a framework for economic development goal setting, action planning, and implementation.

Road mapping activities and deliverables include:

- Identify clean energy enabling technology industry stakeholders, firms, and supply chain nodes.
- Online survey of firms to determine size and scope of sector, current business environment, and extent of innovation-producing relationships.
- Follow-up interviews to examine Washington’s strengths and weaknesses and identification of supply chain gaps, bottlenecks, and opportunities.
- Assessment of potential customer bases and markets, including international markets; creation of matrix of comparative metrics on selected regions.
- Produce supply chain and industry metrics database and written work summarizing and examining industry cluster.

**Survey Contacts**

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