

US EPA ARCHIVE DOCUMENT

EPA 2009 State Innovations Grant Jan – Mar 2012

Washington State Department of Ecology – Lean and Green Assistance 3-30-2012

Part 1 Synopsis of Accomplishments during the Reporting Period

January 12	Hugh met with EPA's Dave Delarco, the original project advisor. Dave's role at EPA has changed and he had some good ideas for making connections.
January 17	"Lean & Green in Food Processing" Webinar. Speaker: Bill Paugh, Oregon Manufacturing Extension Partnership. As part of the National P2 Roundtable's Lean and Green Workgroup series.
February 9	Hugh and Lynn met with Linda Kent, Ecology PIO, on Marketing L&G projects. Linda and Kathy Davis, another Ecology PIO, will help us develop a communications and distribution plan for the video series.
February 22	Hugh met with Cris Love, WSU Extension Energy Efficiency Industrial Manager on getting new projects. WSU has reduced funding for energy assessments. This will make it more difficult to include WSU on projects unless additional funding is acquired.
February 29	Filmed video interviews with Ecology and WSU staff to use for marketing to potential facilities. ETA for completed video is mid 2012.
March 19	Dates for 4 Heath Tecna L&G events tentatively set for May – June 2012.
March 20	Lean and green Value Stream Mapping Webinar. Speaker, Kurt Middelkoop, of the Texas Manufacturing Assistance Centers, gave specific tools and techniques used to incorporate Energy Economy and Environment in facility value streams to reduce operating costs and environmental footprint. As part of the National P2 Roundtable's Lean and Green Workgroup series.
Various	Ecology applied for and received 1 year grant extension.

Part 2 – Narrative Discussion

1. EPA, Impact Washington, and Ecology each contributed \$2500 to film and produce a four-part short video series, describing L&G and its benefits. The majority of filming has been completed. Ecology has developed a draft distribution plan for the video.

The four short videos planned will feature:

- AccraFab, Inc., a plating facility
- SunOpta Healthy Fruit Snacks, a food processor
- Heath Tecna, airplane interior components manufacturer
- Wrap-up and overview of Lean and Green Project

The first AccraFab draft success story has been received by Ecology. The company testimonial on the L&G process is very positive.

Important points

At least from the initial viewing, this visual media is much more compelling than earlier handouts we've tried.

2. Heath Tecna –Environmental focus for this rapidly growing company will include energy use, water use, and solvent use improvements. We will partner with the electrical utility for some portion of the electrical assessments as well as rebates.

Important points

Financial rebates for reduced energy use are proving very effective in achieving actual savings. Washington utilities, under the Bonneville Power Administration and the Northwest Power and Conservation Council, are currently offering generous rebates (up to 70% of capital costs) because conserved energy is the least expensive source of “new” power. Hard numbers on current state and future state use are required by utilities in order to award a company the rebates.

3. Grant extension – Ecology applied for a grant extension to find and work with additional companies.

Important points

Economic recession has made it difficult to market effectively to companies not wanting to commit any staff time or capital until there is more certainty about the market. Ecology appreciates the additional time allotted.

Part 3 – Projection of Activities, Accomplishments, and Major Expenditures for Next Quarter Report

1. Start project at Heath Tecna. The schedule is:
 - a. Value Stream Map -- April 30 to May 4
 - b. Kaizen #1 -- May 7 to 11
 - c. Kaizen #2 -- June 4 to 8
 - d. Kaizen #3 -- June 25 to 29
2. Continue marketing for projects.