

Lean and Green Assistance

Washington Manufacturing Services (WMS) and Washington State Dept. of Ecology (Ecology) are offering a lean and green assistance service to Washington manufacturers. Using lean, energy, and environmental methods to identify and eliminate waste and non value-added activities, this service will improve productivity, efficiencies, and the competitiveness of Washington manufacturers.

Potential Benefits

- Increased productivity and lower costs
- Lead-time reductions and quality improvements
- Inventory and waste reductions
- Increased floor space available for production
- Reduced downtime and changeover time
- Reduced risk of non-compliance
- Lower chemical risks and costs
- Improved worker morale, health, and safety

Services

WMS will provide the following services, tailored to your needs:

- Lean manufacturing training
- Value Stream mapping
- Lean Improvement Workshops (kaizen events)
- Presentation and recommendations to management

Ecology will provide the following services, as needed:

- Identify material, resource, and energy wastes
- Identify risks (e.g. worker health and safety; spills and site contamination)
- Reduce wastes and risks with low-cost, high-impact improvements
- Support process changes with free regulatory compliance consultation

Financial Support

- Facilities receive \$20k in WMS services from Ecology/US EPA grant

Company Investment

- Senior-level commitment of time and employees and a timely project completion
- Willingness to share select metrics and success story
- Willingness to integrate environmental & energy considerations into decision making
- Commitment to fund \$10k of WMS service costs

Return

- Initial 3 pilot companies have saved \$1.5M
 - See Pilot Project Report at <http://www.ecy.wa.gov/pubs/0704033.pdf>
- Anticipated to be 2:1 to 3:1 or more in the first year

For More Information

If you are interested in learning more about this project opportunity, please contact:

- Nigel Moore (WMS) at 425.438.1146 or nmoore@wamfg.org
- Hugh O'Neill (Ecology) at 360.407.6354 or hugh.o'neill@ecy.wa.gov



www.ecy.wa.gov/programs/hwtr/lean



www.wamfg.org

Lean and Green Assistance FAQ

What is a Lean and Green project?

A lean and green project is a process improvement project within your manufacturing facility that yields both environmental benefits, as well as improves efficiency and productivity of your product.

What funding assistance is available?

An Ecology/EPA grant will cover up to 67% (approximately \$20K) of the project cost. We require the company to cover the remaining 33%.

What time commitment is required from my company?

Projects may last between 2-3 months, with a variation of weekly time involvement. Funding assistance will expire December 2009. We require all projects to be in completion stage by then.

How will my facility be selected?

Top management commitment
Set achievable goals with Project Manager at start of project
Willingness to integrate environmental and energy considerations into decision-making

What are the benefits to my company?

The Lean and Green projects are designed to be time-manageable, valuable and practical

- Reduced process manufacturing costs
- Improved production efficiency
- Training to continue improvements
- Reduced regulatory costs
- Reduction in time and maintenance costs
- Marketable benefits



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