



Save Money.

Reduce Risks.

**Tighten
Operations.**

OCTOBER 27-28, 2014 POLLUTION PREVENTION AND LEAN PRINCIPLES WORKSHOP

with Thomas Vinson, Zero Waste Network

The Pollution Prevention (P2) and Lean Principles Workshop offers valuable tools and guidance for your business to reduce risks, tighten up operations, and meet regulations.

This workshop is ideal for any manufacturing operations, fleet management, military, and university operations. It is ideal for any person who manages hazardous waste, reports on TRI, oversees permitting, or is responsible for compliance. The workshop is particularly helpful to the person who “wears multiple hats” and is tasked with environmental, health, and safety issues. Production and operations personnel gain a new perspective on lean by seeing hidden environmental costs.

In this two-day workshop, learn to apply the P2 and Lean Principles to your operations through a unique blend of written and interactive group activities and collaboration. More than a class, this is a hands-on workshop where you will apply the principles taught to your facility. At the end of the class you will walk away with an action plan.

In this workshop, you will systematically review your operations integrating the following:

- Environmental Management Systems
- Lean Manufacturing Principles
- Pollution Prevention Planning

Beyond planning, this workshop shows you how to build management support, win employee commitment and finance your projects.



**The Pacific Northwest
Pollution Prevention
Resource Center and Zero
Waste Network**

**Over the past two
years workshop
attendees have
reported savings of
\$1.3 million with
reductions of over
3,000,000 pounds of
waste!**

*"The Fort Worth facility's
P2 team found over
\$30,000/year in savings in
the first half of 2013."*

*"It was really good to
share ideas with other
people and that really
helped me get a
project going."*

**\$250 includes lunches,
parking is \$15 per day.**

8 a.m. to 4 p.m.

**Silver Cloud Hotel
Seattle Stadiums**

1046 First Avenue South

Seattle, WA 98104

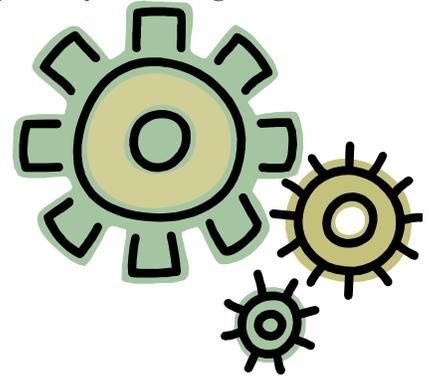
To register go to:

[HTTP://PPRC.ORG/INDEX.PHP/2014/NETWORKING/REGIONAL-ROUNDTABLE-2014/](http://pprc.org/index.php/2014/networking/regional-roundtable-2014/)

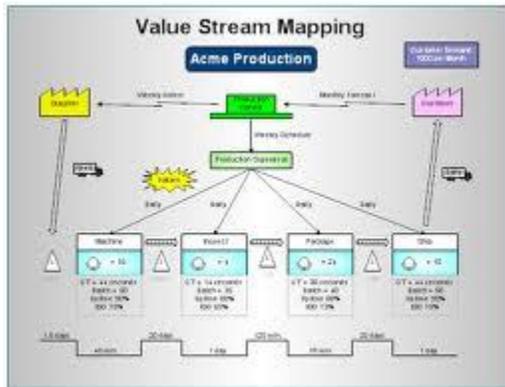
2014 Pollution Prevention and Lean Principles Agenda

Day One

- Introduction—Overview of tools, techniques, and resources for saving money, lowering risk and reducing pollution.
- Pollution Prevention and Lean Planning Process
- Process Mapping—Identifying the source of pollution as the first step to elimination through efficiency.
- Prioritizing Pollutants—Identifying which pollutant reductions have the best potential for reducing costs and forwarding your mission.
- Pollution Prevention Tools & Resources



Day Two



- Value Stream Mapping—Overview of value stream mapping and its uses for improving performance.
- Lean Tools—Interactive sessions to demonstrate use of lean for business efficiency and environmental performance.
- Lean, P2, EMS, and Sustainability—There are many systems for managing environmental issues. This session ties them together and helps you choose an approach that will work in your work culture.
- Introduction to Lean—Introduction to Lean principles, value stream mapping, and common practices
- Documentation and Measurement—How to benchmark the effectiveness of your efforts in pollution prevention, Lean, and

sustainability

- Winning Management Commitment—Many good projects fail because management is unsupportive. This section covers techniques for winning the commitment of both executive and mid-level management.
- Employee Awareness—Ten ways to engage employees in your waste reduction efforts.
- Application—Direct application to your worksite of workshop principles.

Thomas Vinson:



Thomas is the founder of the Zero Waste Network, which leverages a national network of specialists and the EPA to find ways businesses can save money by reducing waste. Vinson has worked on projects that have helped companies identify ways to save over \$1.3 million, while reducing nearly seven million tons of waste, three million gallons of water use, over a million kWh of electricity use and other reductions in pollution. He annually trains over 150 people, and speaks at workshops throughout the world, and has extensive experience helping businesses connect environmental performance to their business mission. Thomas developed the Pollution Prevention Planner that companies have used to reduce over half a million pounds per year while developing over 500 approaches for source reduction. He oversees an online materials exchange program that companies use to turn waste into product. Vinson has worked for the University of Texas, the US EPA, and the TCEQ. He has a bachelor's degree in chemistry from the University of Texas-Arlington and has completed ISO 14001 lead auditor training.