

New York State Pollution Prevention Institute

Overview

October 16, 2008

How Does This Relate?

- We hear about the value of being “green”
- The P2 approach gets you closer to this goal
- Today’s definition of Pollution Prevention is more proactive than the traditional “pollution control” approach.
- P2 today includes sustainable production, product stewardship, life cycle approaches

The NYSP2I and the Green Economy

- Helps businesses succeed by being more environmentally sound, cost effective, and energy efficient.
- Allows companies to market this effort
- Promotes green jobs and green products

NYSP2I

Vision:

The vision for the NYS P2I is to foster the transformation and development of sustainable businesses and organizations in New York State in a collaborative program committed to making the State a leader in environmental stewardship.

Mission:

The mission of the NYS P2I is to provide a state-wide, comprehensive and integrated program of technology research, development and diffusion, outreach, with training and education aimed at making New York State more sustainable for workers, the public, the environment and the economy through:

- reductions in toxic chemical use;
- reductions in emissions to the environment and waste generation; and
- the efficient use of raw materials, energy and water.

NYSP2I Goals

- To prevent the risks associated with the use and production of hazardous substances including risks to the public health and the environment.
- To reduce energy and resource consumptions as well as reduction or elimination of hazardous substances, pollution, and waste.
- To implement affordable and cost effective pollution prevention methods to sustain and safeguard the competitive advantage of New York businesses.
- To advance innovation in the reduction of energy and resource consumption and the reduction or elimination of hazardous substances, pollution, and waste.
- **Save Energy**
- **Conserve Water**
- **Reduce Waste**
- **Improve Product Quality**
- **Innovate Sustainable Technologies**
- **Create & Retain Jobs**
- **Reduce Life-Cycle Costs**
- **Enhance the economic viability of NYS firms**

To provide a new approach to P2 in NYS that goes beyond compliance driven activities and aims to identify opportunities to maximize ways in which to make NYS companies more resource efficient and economically vibrant (sustainable enterprises).



NYSP2I Partners

- *Statewide Coverage*
- *Committed Partnerships*



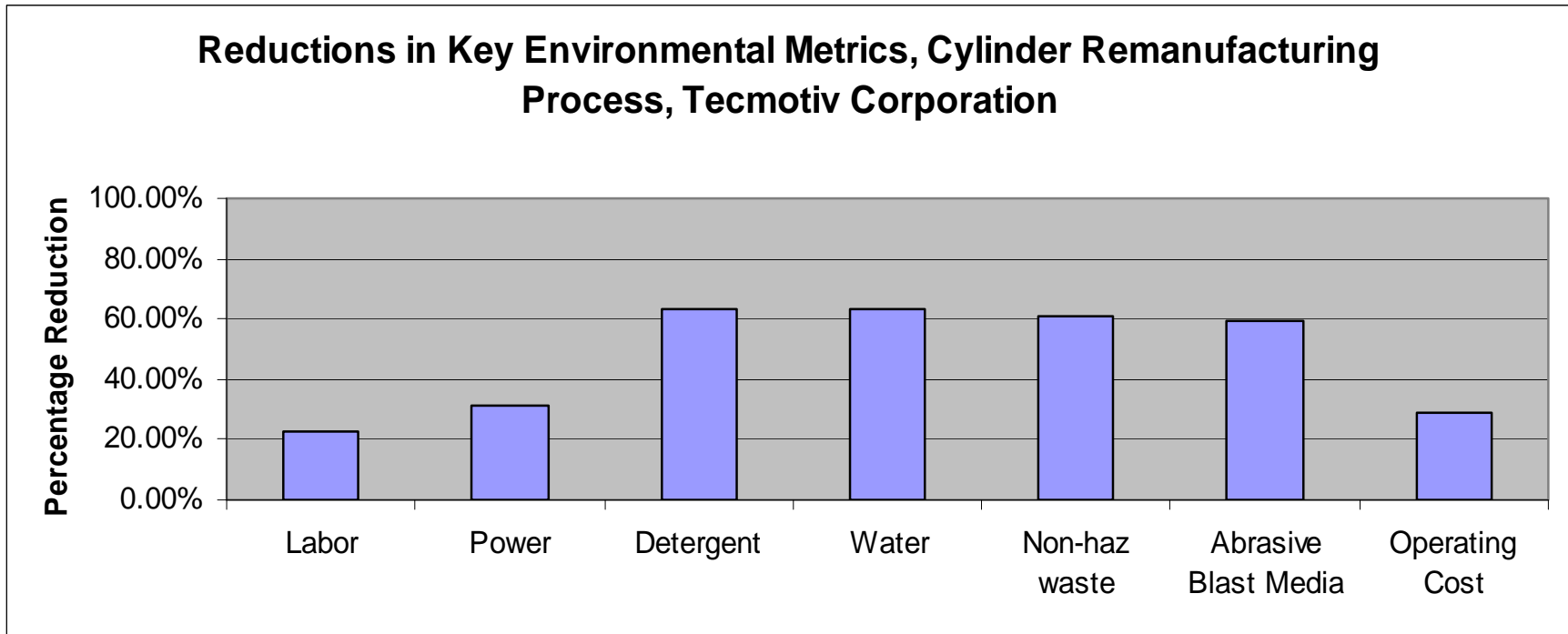
NYSP2I Customers

- Industry / manufacturing
- Commercial organizations
- Community organizations
- Public sector entities
- Non-profits
- Educational facilities and schools

What is Available from the NYSP2I

- *One-on-One Help*: Hands on Direct Assistance
- *Solving Problems*: Targeted Research, Development, and Diffusion
- *Sharing Knowledge*: Awareness, Training and Education
- *Sharing Information*: Information Exchange and Outreach (nysp2i.rit.edu)
- *Helping Communities*: Community Grants Program

Direct Assistance – Results from LE2 Assessment – Tecmotiv Corporation



Tecmotiv is located in Niagara Falls, NY and remanufactures quality engineered products and spare parts for the maintenance of virtually all classes of military vehicles.

R&D Testbeds

- Testbeds are a key component of the P2I:
- Testbeds:
 - are a technology development or demonstration facility, laboratory or other platform for use in experimentation for technology development projects that support the goals of pollution prevention
 - allow for rigorous, transparent and replicable testing and validation of technologies, scientific theories, analytical tools, and other new technologies
 - will be used to publicly demonstrate technologies, theories, and tools to New York State industries, university researchers, government agencies, non-profit organizations and citizens.

Workshops

- Lean, Energy & Environment Assessments
- Surface Cleaning Technologies
- P2 Assessment Techniques and Tools
- Green Building Materials
- Green Products and Green Purchasing
- Acid Bath Extension Technologies and P2 for Metalworking Sector
- Alternative Technologies in Dry Cleaning
- And others.....

Community Grants Program (CGP)

- Goal of the Community Grants Program
 - to provide financial and technical support to community organizations and municipalities to conduct projects that:
 - raise awareness and understanding of P2
 - lead to implementation of P2 efforts at the local level with the goal of improving the health, environmental quality and economic vitality of New York State communities.

Contacting the NYSP2I

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