

Act now to reduce:

your waste, costs, and regulatory exposure.

Participation in the program is strictly confidential.

For more information, please contact:

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“As a result of participating in the OCETA P2 Program, our company's management and employees have a much clearer vision of our role in helping to reduce pollution. In fact, we feel this was more than just a little instrumental in helping us win this year's award from the local Chamber of Commerce for Environmental Excellence”.

—John Gilbert, President, Metalon Technology Ltd.

Sponsored by:



Program partners:



Delivered by:



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Durham Manufacturers Sustainability Program

A one-stop pollution prevention technical assistance program

P2² = Pollution Prevention,
Payback and Performance

**For small- to medium-sized
manufacturers (SME)
in Durham Region**

About the program

The Durham Manufacturers Sustainability Program—a part of the GTA-wide Toronto Region Sustainability Program—presents an opportunity for small-to-medium sized manufacturers (SMEs) located in Durham Region to conduct a pollution prevention assessment and identify opportunities to reduce source pollutants/waste streams, overall costs and their regulatory exposure. The resulting pollution prevention action plan addresses key priority environmental issues (i.e. toxics, sewer discharges, smog precursors, greenhouse gases, and hazardous wastes) targeted by three orders of government—Environment Canada, the Ontario Ministry of the Environment (MOE), and the Regional Municipality of Durham. This program is being delivered by the Ontario Centre for Environmental Technology Advancement (OCETA)—a private, not-for-profit organization. Funding Partners include the Regional Municipality of Durham, Toronto and Region Conservation (TRCA) and the Ontario Ministry of the Environment (MOE).

Technical assistance with funding incentive

- Manufacturers with **fewer than 500** employees at any one facility are eligible to have a multi-media pollution prevention assessment undertaken by a pre-qualified pollution prevention consultant from OCETA's roster. The consultant will identify the root causes of priority pollutants and wastes, and recommend solutions to optimize your processes, including improvements in technology, input materials and/or operating practices.
- Participants receive a **funding incentive of up to 50 per cent (maximum \$5000)** to help offset the costs of a \$10,000 pollution prevention assessment, conducted by a pre-qualified pollution prevention consultant.

How can industry participate?

Contact OCETA staff for a detailed overview of the program. OCETA can then arrange for a meeting with a pre-qualified technical consultant with expertise in your industry sector to conduct a P2 assessment. The assessment will identify the root causes of priority pollutants and wastes and recommend P2 options specific to your facility.

Program Benefits

\$ Pollution prevention makes good business sense

A pollution prevention assessment and action plan will lead to **improved environmental and financial performance** in the form of **cost savings, reduced liability** and **better marketing opportunities**.

A significant **return on investment** has been realized through the implementation of P2 opportunities, with an **average payback of less than one year**. By participating in the program, businesses can:

- **Save** money and **reduce** costs
- **Reduce** business risks and **preserve** capital asset value
- **Reduce or eliminate** toxics, sewer discharges, smog precursors, greenhouse gas emissions and hazardous wastes at the source
- **Reduce or eliminate** their need to report to the Ontario Mandatory Emission Reporting Regulation 127, Ontario Hazardous Waste Information Network (HWIN) and the National Pollutant Release Inventory (NPRI)
- **Meet or exceed** the regulatory requirements of the municipal or regional Sewer Use by-law and the Canadian Environmental Protection Act (CEPA)



Program results

As of January 2008, 63 SME manufacturing facilities from a variety of sectors including, but not limited to, auto parts, chemical, circuit board, electronics, food processing, metal finishing, packaging and printing, have benefited from undertaking a P2 assessment through the Toronto Region Sustainability Program.

Table 1: Toronto Region Sustainability Program results based on 53 completed P2 assessments and 284 projects implemented

P2 reductions (annual)

Volatile organic compounds (VOCs)	682	tonnes
Particulate (PM <10u)	15.5	tonnes
Metals	2.3	tonnes
Toxics	81.4	tonnes
Hazardous wastes	1,085	tonnes
Process wastes	2,009	tonnes
Water	428,717	tonnes
Greenhouse gases	3,506	tonnes

Ancillary benefits (annual)—Emission and waste reduction

Greenhouse gases	1,037	tonnes
Generic wastes	49,559	tonnes
Hazardous wastes	6	tonnes
Mercury	5,050	grams
PCBs	90	grams

Annualized totals

Savings (annualized)	\$4.5	million
Capital investment	\$4.1	million
Payback	11	months

Overall implementation rate

>90%

Ninety per cent of program clients are implementing **all** or **most** of the P2 projects recommended in the assessment reports.