



Environmental Industry Office – Ontario Region



Government Framework for Addressing Small-to-Medium Manufacturers: Ontario Region Initiatives

Canadian P2 Roundtable – Calgary, AB
June 2003



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Why are we Here?

- ✓ *Overview of framework for development of Environment Canada's sustainable development and eco-efficiency activities for SMEs in Ontario*
- ✓ *Review of EC – Ontario Region's role in partnership & program development, program implementation, resource leveraging and program delivery.*



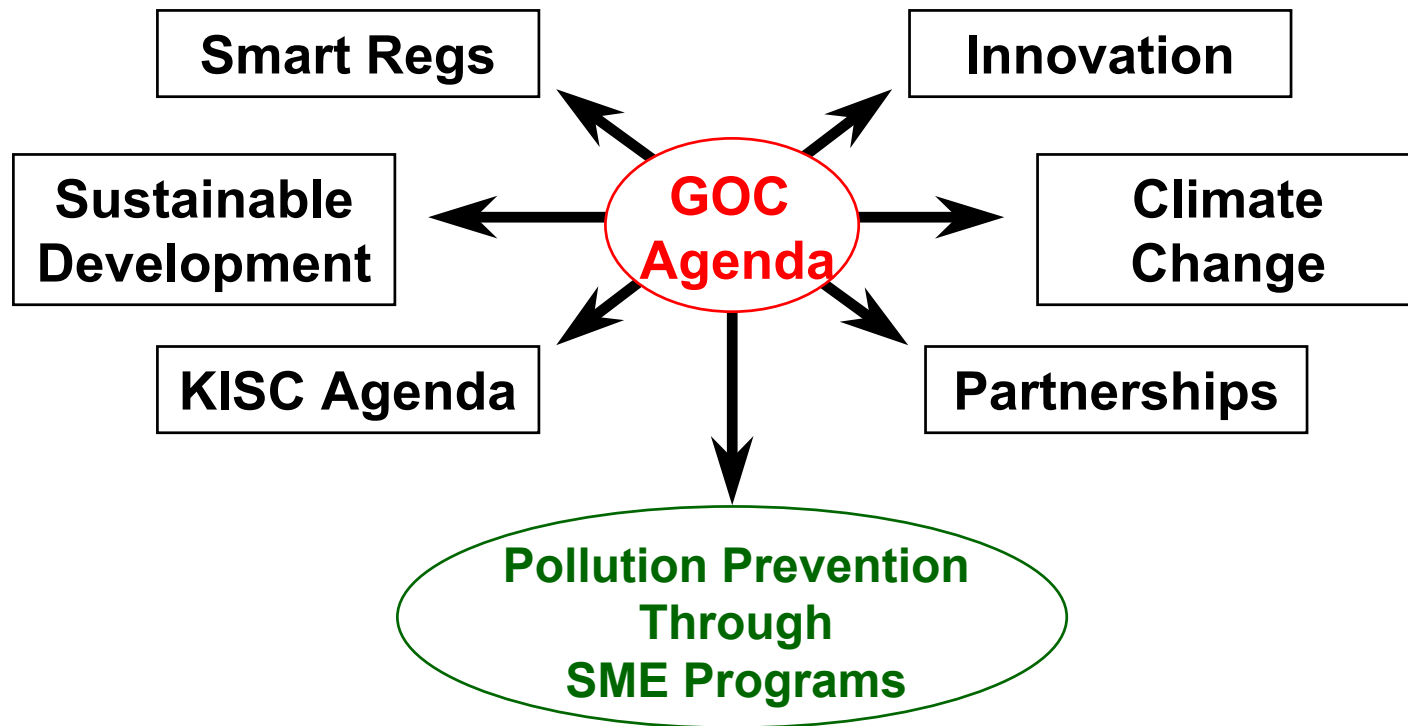
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Priority Linkages





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Priority Linkages

National Federal

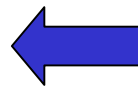
- ✓ Quality Health & Communities
- ✓ Clean, Healthy Environment
- ✓ World-Leading Economy driven by Innovation, Ideas & Talent

Priorities



Envir. Canada

- ✓ Clean air
- ✓ Clean water
- ✓ Innovation, knowledge & partnerships
- ✓ Climate Change



Results



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EC 's Sustainable Development Strategy (1)

In 2001, Minister Anderson announced the renewed Sustainable Development Strategy, as a key means of "ensuring a legacy for the future" and "implementing EC 's Innovation Agenda" by:

"developing and nurturing the kind of partnerships... that promote the growth of sustainable communities"

"providing incentives to promote environmentally responsible behavior"

"(to implement) a creative use of partnerships to leverage and amplify our presence in a Region"

"to develop standard approaches and tools"

"by working horizontally, we are magnifying the value of the data that each partner is collecting individually . . . It's an approach that accepts the risks of partnership to get the results of teamwork"





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EC 's Sustainable Development Strategy (2)

Ontario Region has developed an innovative, proactive program to engage small-to-medium enterprises (SMEs) to improve their environmental performance.

SMEs collectively represent over 80% of the industrial base. This makes them a large, relatively untargeted group that has historically been difficult for governments to engage.

Through a facility-based review & assessment process, we achieve reductions in toxics, SO₂, hazardous waste, energy and water consumption.

This voluntary, "beyond compliance", community-based approach utilizes partnerships and collaboration to move our agenda forward.



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EC 's Sustainable Development Strategy (3)

Ontario Region activities build on the themes and objectives of EC 's renewed **Sustainable Development Strategy (2000-2003)**.

One key goal of our SDS is that "Productivity and environmental performance of Canadian industry is improved through adoption of innovative practices and tools".



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EC 's Sustainable Development Strategy (4)

Identified targets to reach this goal are:

- ✓ "use of the P2 provisions of CEPA, and voluntary initiatives, to encourage companies to systematically review operations and identify opportunities to address environmental issues in an efficient and effective way" ® Target 1
- ✓ "work with SMEs to increase the number identifying and implementing eco-efficient tools and practices" ® Target 2
- ✓ "advance incentives that encourage eco-efficient production" ® Target 3





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EC Policy Framework for Delivering SD Strategy

- ✓ *To eliminate and reduce the use of priority toxic substances [CEPA – Part 5]*
- ✓ *To encourage industry to adopt pollution prevention planning and sustainable development practices [CEPA – Part 4]*
- ✓ *To facilitate partnerships and leveraged resources to maximize deliverables for all parties.*



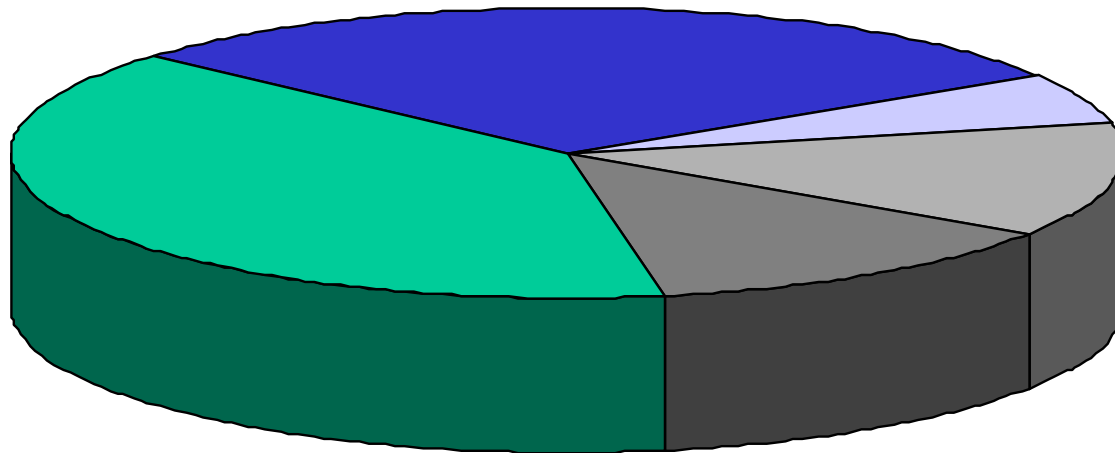
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Dem and Side

Regional Distribution of Manufacturing SMEs in Canada



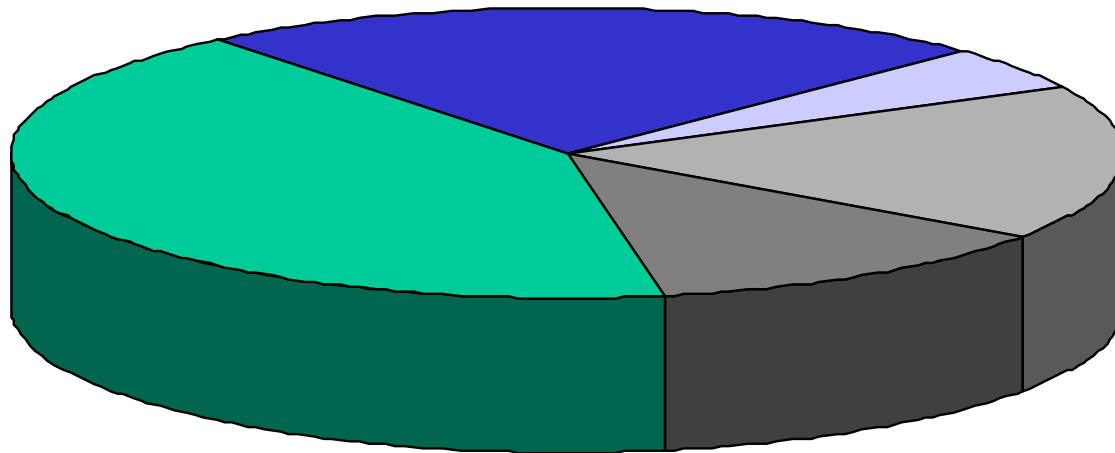
■ Ontario ■ Quebec ■ Atlantic ■ Prairies ■ Pacific





Supply Side

Environment Industry SME
Revenue by Region



■ Ontario ■ Quebec ■ Atlantic ■ Prairies ■ Pacific





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Concept for Program Design & Development

- ✓ *Implement community-based approaches to provide eco-efficiency review & assessments to SME manufacturing & service sector facilities (<500 employees)*
- ✓ *Integrate other Environment Canada priorities into the program, including: pollution prevention and P2 planning (CEPA), GHG emission reductions (climate change), toxics reduction (CEPA), spill prevention (CEPA), waste reduction (CEPA), product re-use/recovery*





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Kitchener - Waterloo

In 1999, the Environment Canada and OCETA developed a unique multi-partner project, known as: **Enhanced Eco-Efficiency Initiative**

Developed and funded in partnership with Toxics Prevention Division. This involved audits of 7 manufacturing SMEs in the Kitchener, Waterloo, Cambridge area to reduce toxic releases to air and water with the objective of zero chemical discharge:

- ✓ Available to any manufacturing facility with < 500 employees
- ✓ Targets priority toxic substances (Tier I and II)
- ✓ Initiates pollution prevention action

*In 2001, the 5-year, \$2+ million, **Business Water Quality Program** for aquifer protection from spills and point source releases was launched in partnership with the Regional Municipality of Waterloo and other stakeholders.*





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Greater Toronto Area

Environment Canada – Ontario Region and OCETA have developed a similar multi-partner, leveraged project in the Toronto area:

Toronto Region Sustainability Program (TRSP)

- *Developed in partnership with the National Office of Pollution Prevention (HQ), and the Environmental Protection Branch – Ontario Region (EPB-OR)*
- *Involved design of a facility review and assessment based program intended to promote pollution prevention planning, toxic and smog reductions and eco-efficiency*
- *Other partners have committed resources, and the 3 to 5 year implementation phase commenced in 2001*



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Partnerships & Leveraging

For successful project development, a key component is to seek strategic partnerships. This enables leveraging of other financial and in-kind resources, thus making these 'beyond compliance' programs for SMEs more attractive.

Innovative approaches can be delivered to meet our environmental challenges, through collaboration with other public & private sector partners.

Every \$1 from EC-OR leverages from \$3 to \$20 from OGDs, provincial & municipal governments, industry associations and SMEs.



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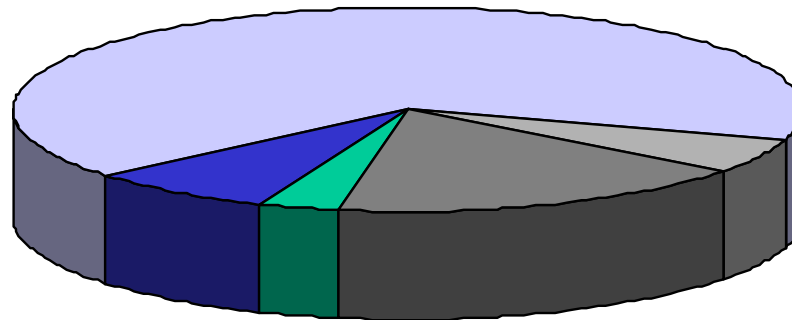
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Business Water Quality Program (5 years – \$2+M illion)

Leveraging 15:1



- EC -Ontario Region
- EC -HQ
- Municipal
- Provincial
- SM Es



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In Conclusion . . .

- ✓ *".. we need to become more nimble. We need to see opportunities and go for them. We need to create a capacity and willingness to change and change quickly, when opportunities present themselves"*
- ✓ *The Ontario experience provides innovative models and tools for improving environmental performance of manufacturing and service sector SMEs.*
- ✓ *These effectively demonstrate that this proactive 'beyond compliance' approach can deliver on many of EC's national priorities.*

