



Environment Industry Survey, 2002

Confidential when completed
Collected under authority of *Statistics Act*, Revised Statutes of Canada, 1985, Chapter S19.
Si vous préférez ce questionnaire en français, veuillez cocher

Correct as required

Company name

 Establishment name

 C/O

 Address

 City

 Province/Territory Postal code
 _____ _____

Please read before completing

PURPOSE OF THE SURVEY

This survey collects data on the revenues of environmental goods and services. These data will be aggregated with information from other sources to produce official estimates of national and provincial economic activity of the environment industry. Information from the survey can be used by businesses for market analysis, by trade associations to study the performance of the Environment Industry, by governments to develop national and regional policies, and by other users involved in research and policymaking. For a definition of the Environment Industry, refer to page 1 of the *Guide on Definitions and Classification Details*.

The results of this survey will be published in the Statistics Canada publication, *Environment Industry 2002*, Catalogue no. 16F0008XIE.

CONFIDENTIALITY

Statistics Canada is prohibited by law from publishing any statistics which would divulge information obtained from this survey that relates to any identifiable respondent, without previously written consent. The data reported will be treated in strict confidence, used for statistical purposes only and published in aggregate form. The confidentiality provisions of the *Statistics Act* are not affected by either the *Access to Information Act* or any other legislation.

AUTHORITY

This survey is conducted under the authority of the *Statistics Act*, Revised Statutes of Canada, 1985, Chapter S19. **COMPLETION OF THIS QUESTIONNAIRE IS A LEGAL REQUIREMENT UNDER THE STATISTICS ACT.**

INQUIRIES

If you require assistance in completing this questionnaire or if you have any questions or comments regarding this survey, please refer to the *Guide* or contact:

**Operations and Integration Division
Statistics Canada
Ottawa, Ontario K1A 0T6**

Telephone (toll-free): **1-800-387-0479 (within Canada)**
Fax: **1-800-755-5514 (within Canada)**
Email: **enviro.oid.ind@statcan.ca**

In all correspondence concerning this questionnaire, please quote the identification number that appears on the address label.

IMPORTANT

Please read the General Instructions on page 2 before answering.

Please return this questionnaire within 30 days of receipt.

If you are unable to do so, kindly inform Operations and Integration Division of the expected completion date.

Statistics Canada use only

| | | | | | |
|-------------------|------------------|-------------------|----------|-----------|---------|
| Rec. D M Y | Ed. D M Y | Kyd. D M Y | Bat. | Coll. | FSC |
|-------------------|------------------|-------------------|----------|-----------|---------|

General instructions

1. Please complete and return this form in the envelope provided.
2. Please refer to the accompanying **Guide on Definitions and Classification Details** for more information.
3. If this establishment is involved in a combination of environmental activities (*producing environmental goods, providing environmental services or undertaking environment-related construction*), please ensure that the relevant portion(s) of Section B are completed.
4. When precise figures are not available, please provide your best estimates.
5. Please report all dollar amounts in **CANADIAN DOLLARS**.
6. If your response for an item is zero, please write "0" in the corresponding box rather than leaving the cell blank.

SECTION A - Information on this establishment

A1. This questionnaire should be completed for your company's establishment in one province or territory that produces environmental goods or offers environmental services or environment-related construction. **If you operate more than one establishment that produces environmental goods or offers environmental services or environment-related construction you should fill out separate questionnaires for each of these establishments in each province or territory.** You may wish to photocopy this questionnaire or you may call us toll-free at 1-800-387-0479 to request additional questionnaires.

Province/territory for which this questionnaire applies:

400

A2. Did your company operate environmental establishments in more than one province or territory in 2002?
Environmental establishments refer to those establishments that produced environmental goods or offered environmental services or environment-related construction.

401 Yes No Go to question A4.

A3. In order to update your company profile, please indicate where you operated other environmental establishments in this province or territory or elsewhere in Canada in 2002.

| Establishment Name | Address | Phone Number | Contact |
|--------------------|---------|--------------|---------|
| 40101 | 40102 | 40103 | 40104 |
| 40105 | 40106 | 40107 | 40108 |
| 40109 | 40110 | 40111 | 40112 |
| 40113 | 40114 | 40115 | 40116 |

A4. Reporting year:

1. The report must cover your most recent fiscal year ending between April 1, 2002 and March 31, 2003.

| From: | | |
|-------|-------|------|
| Day | Month | Year |
| 403 | 404 | 405 |
| | | |
| | | |

| To: | | |
|-----|-------|------|
| Day | Month | Year |
| 406 | 407 | 408 |
| | | |
| | | |

2. Did your company operate this establishment for the full year?

⁴⁰⁹ Yes Please go to Question B1, Section B - Revenues and classification

No Please check the appropriate box(es) below

⁴¹¹ Seasonal operation

| From: | | |
|-------|-------|------|
| Day | Month | Year |
| 412 | | |
| | | |
| | | |

⁴¹⁴ New business (please provide date of start) _____

⁴¹⁶ Change of fiscal year end (please provide the new end date) _____

⁴¹⁸ Change of ownership (please provide the date) _____

⁴²⁰ Ceased operations (please provide the date) _____

⁴²² Temporarily closed (please specify the closing date and reason for closing) _____

⁴²⁴ _____

| To: | | |
|-----|-------|------|
| Day | Month | Year |
| 413 | | |
| | | |
| | | |
| 415 | | |
| | | |
| | | |
| 417 | | |
| | | |
| | | |
| 419 | | |
| | | |
| | | |
| 421 | | |
| | | |
| | | |
| 423 | | |
| | | |
| | | |

⁴²⁵ Other (please specify) ⁴²⁶ _____

SECTION B - Revenues and classification

Revenues - If precise figure is not available, your best estimate is acceptable

| | |
|--|----------------------------------|
| B1. What were this establishment's total revenues in 2002? | Canadian dollars (omit cents) |
| | 101 |

| | |
|---|-----|
| B2. Of this establishment's total revenues reported in Question B1, please report the revenues from the sale of environmental goods or services, or revenues from environment-related construction. | 102 |
|---|-----|

Classification

The purpose of this section is to measure the environmental revenues received by this establishment by types of environmental goods, services and environment-related construction provided. Please classify the environmental revenues reported in Question B2 according to the applicable categories of environmental goods, environmental services and environment-related construction. Examples for each category are provided in the **Guide on Definitions and Classification Details** enclosed with this form.

Environmental goods

B3. Did this establishment receive revenues from the sale of environmental goods in 2002? Refer to page 1 of the **Guide** for a description of environmental goods.

¹⁰³ Yes Go to question B4. No Go to question B5.

B4. Please report this establishment's 2002 revenues received from the sale of environmental goods. If this establishment's environmental goods do not fall in any stated categories, please use the "Other, specify" category. Refer to page 2 of the **Guide** for examples of each category.

| | Canadian dollars (omit cents) |
|--|----------------------------------|
| 1. Air pollution control systems or equipment | 105 |
| 2. Water supply and conservation systems or equipment | 106 |
| 3. Wastewater management and sewage treatment systems or equipment | 107 |
| 4. Hazardous and non-hazardous waste management systems or equipment | 108 |
| 5. Systems or equipment for remediation/treatment of soil, surface water, seawater and groundwater | 109 |
| 6. Noise/Vibration abatement systems or equipment | 110 |
| 7. Environmental monitoring, analysis or assessment systems or equipment | 111 |
| Systems or equipment for energy conservation and efficiency: | |
| 8. Solar energy systems or equipment | 113 |
| 9. Waste-to-energy systems or equipment | 114 |
| 10. Wind energy systems or equipment | 115 |
| 11. Small, mini and micro hydro systems or equipment | 800 |
| 12. Fuel cells (transportation and stationary source) | 801 |
| 13. Alternative fuel technologies (other than fuel cells) | 117 |
| 14. Cogeneration | 802 |
| 15. Equipment for methane capture or use from landfill sites or agricultural sources | 803 |
| 16. Clean technologies and related components | 118 |
| 17. Other renewable energy systems or equipment | 116 |
| 18. Any other systems or equipment for energy conservation and efficiency | 112 |
| 19. Other, specify ¹²¹ | 119 |
| Total environmental goods | 120 |

Environmental services

B5. Did this establishment receive revenues from the provision of environmental services in 2002? Refer to page 1 of the Guide for a description of environmental services.

¹²² Yes Go to question B6.1. No Go to question B7.

B6.1 Please report this establishment's 2002 revenues received from the provision of environmental services. If this establishment's environmental services do not fall in any stated category, please use the "Other, specify" category. Refer to page 3 of the Guide for examples of each category.

| | Canadian dollars (omit cents) |
|---|----------------------------------|
| 20. Air pollution control and monitoring services | 124 |
| 21. Water supply and conservation services | 125 |
| 22. Wastewater management and sewage treatment services | 126 |
| 23. Hazardous and non-hazardous waste management services | 127 |
| 24. Services for remediation/treatment of soil, surface water, seawater and groundwater | 128 |
| 25. Noise/Vibration abatement services | 129 |
| 26. Environmental research and development services | 130 |
| 27. Energy efficiency and renewable energy services | 131 |
| 28. Environmental education, training and information | 132 |
| 29. Management consulting and legal services (including environmental impact assessments) | 133 |
| 30. Environmental Management Systems (EMS) | 856 |
| 31. Other consulting engineering, analytical services, data collection and analysis | 135 |
| 32. Other, specify ¹³⁸ | 136 |
| Total environmental services | 137 |

B6.2 Did this establishment receive revenues from the provision of environmental services related to the reduction of greenhouse gas emissions in 2002? Please refer to page 1 of the Guide for the definition of technologies and services to reduce greenhouse gas emissions.

⁸⁰⁵ Yes Go to question B6.3. No Go to question B7.

B6.3 Please report the percentage of Total environmental services (Box 137, Question B6.1) derived from services related to the reduction of greenhouse gas emissions in 2002.

Percentage
807

B6.4 Please specify the type of services related to the reduction of greenhouse gas emissions.

⁸⁰⁸

Environment-related construction

B7. Did this establishment receive revenues from environment-related construction projects in 2002?

¹³⁹ Yes Go to question B8. No Go to question C1, Section C - Client Base.

B8. Please report this establishment's 2002 revenues received from environment-related construction projects. If this establishment's environment-related construction projects do not fall in any stated category, please use the "Other, specify" category. Refer to page 5 of the Guide for examples of each category.

| | Canadian dollars (omit cents) |
|--|----------------------------------|
| 33. Air pollution control | 141 |
| 34. Water supply and conservation | 142 |
| 35. Wastewater management and sewage treatment | 143 |
| 36. Hazardous and non-hazardous waste management | 144 |
| 37. Remediation/Treatment of soil, surface water, seawater and groundwater | 145 |
| 38. Noise/Vibration abatement | 146 |
| 39. Renewable energy production facilities | 857 |
| 40. Other, specify ¹⁴⁹ | 147 |
| Total environment-related construction | 148 |

| SECTION C - Client base | SECTION D - Client location | | |
|--|----------------------------------|--|----------------------------------|
| <p>C1. Please report this establishment's environmental revenues reported in Question B2 according to the type of client to whom the environmental goods or services were delivered or for whom the environment-related construction projects were completed.</p> | | <p>D1. Please report this establishment's environmental revenues reported in Question B2 according to the location of the client to whom the environmental goods or services were delivered or for whom the environment-related construction projects were completed.</p> | |
| | Canadian dollars (omit cents) | | Canadian dollars (omit cents) |
| | 150 | | 164 |
| Local government | | Newfoundland and Labrador | |
| | 151 | | 165 |
| Federal/Provincial/Territorial governments | | Prince Edward Island | |
| | 152 | | 166 |
| Agriculture and agri-food products | | Nova Scotia | |
| | 153 | | 167 |
| Forestry and pulp and paper | | New Brunswick | |
| | 154 | | 168 |
| Fish and fish products (Including aquaculture) | | Quebec | |
| | 155 | | 169 |
| Mining and related products, metal and mineral products | | Ontario | |
| | 156 | | 170 |
| Crude petroleum and natural gas, refined petroleum and related products | | Manitoba | |
| | 157 | | 171 |
| All other manufacturing | | Saskatchewan | |
| | 158 | | 172 |
| Business services | | Alberta | |
| | 159 | | 173 |
| Gas distribution and electric power systems | | British Columbia | |
| | 160 | | 174 |
| Individuals and households | | Yukon Territory, Northwest Territories, and Nunavut | |
| | 161 | | 175 |
| Other, specify ¹⁶³ | | Outside Canada (exports) | |
| | 162 | | 176 |
| Total environmental revenues (must equal the value reported in Question B2) | | Total environmental revenues (must equal the value reported in Question B2) | |
| | | Did you report revenues in Box 175? | |
| | | ⁸⁶⁰ <input type="radio"/> Yes <input checked="" type="radio"/> No <i>Go to question E1.</i> | |
| | | <input type="radio"/> No <input checked="" type="radio"/> Yes <i>Go to question F1.</i> | |

SECTION E - Environmental export revenues

E1. Please report a breakdown, by region, of this establishment's 2002 environmental revenues from OUTSIDE CANADA (exports) reported in Box 175, Question D1.

| | Canadian dollars (omit cents) |
|------------------------------------|----------------------------------|
| United States | 177 |
| Mexico | 178 |
| Other Central America | 179 |
| South America | 180 |
| Europe | 181 |
| Middle East | 182 |
| Africa | 183 |
| China | 184 |
| Japan | 185 |
| Other Asia | 186 |
| Australia | 187 |
| Other foreign (specify) 190 | 188 |
| Total environmental exports | 189 |

E2. Did the amount reported in Box 189, Question E1, include any revenues from the export of goods and/or services related to the reduction of greenhouse gas emissions in 2002? Please refer to page 1 of the **Guide** for the definition of technologies and services to reduce greenhouse gas emissions.

809 Yes Go to question E3. No Go to question F1.

E3. Please report the percentage of Total environmental exports (Box 189, Question E1) derived from the export of goods and/or services related to the reduction of greenhouse gas emissions.

Percentage
811

E4. Please report the type of technologies and/or services related to the reduction of greenhouse gas emissions exported by this establishment in 2002.

Please check all that apply.

- 813 Solar energy systems or equipment
- 814 Waste-to-energy systems or equipment
- 815 Wind energy systems or equipment
- 816 Small, mini and micro hydro systems or equipment
- 817 Alternative fuel technologies (other than fuel cells)
- 818 Other renewable energy systems or equipment
- 819 Fuel cells (transportation and stationary source)
- 820 Cogeneration
- 821 Equipment for methane capture or use from landfill sites or agricultural sources
- 822 Clean technologies and related components
- 812 Any other systems or equipment for energy conservation and efficiency
- 823 Energy efficiency and conservation services
- 824 Renewable energy services
- 825 Other goods or services related to the reduction of greenhouse gas emissions

SECTION F - Research and Development (R&D) on goods/services related to the reduction of greenhouse gas emissions

F1. During the past three years, 2000 to 2002, did this establishment undertake research and development (R&D) activities aimed at developing goods and services related to the reduction of greenhouse gas emissions? Please refer to page 1 of the **Guide** for the definition of research and development (R&D) on goods and services that reduce greenhouse gas emissions.

826 Yes Go to question F2. No Go to question G1.

Type of R&D Activities

| | Yes | No |
|--|---------------------------|-----------------------|
| F2. Was R&D carried out in-house? | 827 <input type="radio"/> | <input type="radio"/> |
| F3. Was R&D contracted out to other firms? | 829 <input type="radio"/> | <input type="radio"/> |
| F4. Was R&D carried out jointly with another firm? | 831 <input type="radio"/> | <input type="radio"/> |

Sources of R&D Funding

F5. Please report the sources of funding for this establishment's R&D activities.

Please check all that apply.

- 833 Parent, affiliated or subsidiary firms
- 834 Canadian federal government (grants or tax credits)
- 835 Provincial/territorial government
- 836 R&D contract work conducted for other firms
- 837 Universities
- 838 Other, specify

SECTION G - Innovation

Please refer to page 5 of the **Guide** for the definition of new or significantly improved goods or services related to the reduction of greenhouse gas emissions.

| | Yes | No |
|---|---------------------------|-----------------------|
| G1. During the last three years, 2000 to 2002, did this establishment produce or market new or significantly improved goods and/or services related to the reduction of greenhouse gas emissions? | 840 <input type="radio"/> | <input type="radio"/> |
| G2. During the last three years, 2000 to 2002, did this establishment adopt new or significantly improved technologies or processes that reduced greenhouse gas emissions? | 842 <input type="radio"/> | <input type="radio"/> |
| G3. During the last three years, 2000 to 2002, did this establishment have any unsuccessful or not yet completed projects to develop or introduce new or significantly improved goods and/or services related to the reduction of greenhouse gas emissions? | 844 <input type="radio"/> | <input type="radio"/> |

SECTION H - Problems and obstacles

H1. Which of the following, if any, were obstacles to the provision of goods or services related to the reduction of greenhouse gas emissions? Please refer to page 1 the Guide for the definition of technologies and services to reduce greenhouse gas emissions.

Please check all that apply.

- 846 Lack of skilled personnel
- 847 High cost
- 848 Lack of financing
- 849 Lack of market demand
- 850 Lack of marketing capability (including trade barriers)
- 851 Government regulations
- 852 Government policies
- 853 Other, specify
- 855 None

SECTION I - Environmental employment

I1. Please report the total number of persons usually employed by this establishment during the reporting period.

| | |
|--|-----|
| Full-time employees - regular employees who worked 30 or more hours per week | 193 |
| Part-time employees - those employees who worked less than 30 hours per week | 194 |
| Total employment | 196 |

I2. Of the total employment reported in Box 196, Question I1, please estimate the **proportion** of your employees who spent **any time** in the production/provision of environmental goods and services, or environmental-related construction services. Your best estimate is acceptable.

| | | |
|---|-----|---|
| Proportion of total employment involved in environment-related projects | 207 | % |
|---|-----|---|

SECTION J - Certification and comments

Certification

J1. I certify that to the best of my knowledge, the information provided in this questionnaire is correct and complete

| | |
|--|---------------------------|
| Signature 3 | Date 15 Day Month Year |
| Name of person completing this questionnaire (type or print) 12 | Telephone 16 |
| Title 13 | Fax 17 |
| Year this establishment started operations 14 | Email address 18 |

J2. Approximately how long did it take to collect the data and complete this survey? hours

