



Environment Accounts and Statistics Division

Environment Industry Survey, 2000

Guide on Definitions and Classification Details

Français au verso



Definitions

Establishment

An establishment is defined as the most homogeneous unit of production for which a business maintains accounting records. From these accounting records, it is possible to assemble all the data elements required to compile the total sales or shipments, inventories, cost of materials and services, labour and capital used in production.

Environmental Goods and Services

Environmental goods and services are produced by businesses operating in a variety of industries. These are goods and services that are used or can potentially be used to measure, prevent, limit, or correct environmental damage (both natural or by human activity) to water, air, soil or ecosystems.

For the purposes of this survey, all businesses operating in Canada that are involved in whole or in part in the production of environmental goods, the provision of environmental services and the undertaking of environment-related construction activities make up what is called the "environment industry."

Section B. Revenues and Classification

Examples are listed for each category of environmental goods, environmental services and environment-related construction found in Section B.

a) Environmental Goods

- 1. Air Pollution Control Systems and Equipment (Indoor or Outdoor)**
– catalytic converters, chemical recovery systems, dust collectors, separators, precipitators, scrubbers, odour control equipment.
- 2. Water Supply and Conservation Systems and Equipment –**
equipment or technology used for fresh water supply and delivery, water purification equipment, water handling equipment parts (pumps, pipes and valves).

4-2300-51.5: 2001-03-19 STC/NAD-291-75084



Statistics
Canada

Statistique
Canada

Canada

3. **Wastewater Management and Sewage Treatment Systems and Equipment** – chemical recovery systems, aeration systems, biological recovery systems, gravity sediment systems, oil/water separation systems, wastewater reuse equipment, wastewater treatment chemicals, water pollution control equipment, screens, strainers, clarifiers, filters and filter media.
4. **Hazardous and Non-hazardous Waste Management Equipment** – hazardous waste storage/treatment equipment, waste collection equipment, waste disposal machinery and equipment, waste handling equipment, waste separation equipment, recycling equipment, incineration equipment.
5. **Systems and Equipment for Remediation/Treatment of Soil, Surface Water, Seawater and Groundwater** – absorbents, bioremediation equipment, soil vapour extraction equipment, spill equipment, containment systems, chemicals and bioremediators.
6. **Noise/Vibration Abatement Equipment** – mufflers/silencers, noise deadening equipment, noise and vibration control systems, highway barriers.
7. **Environmental Monitoring, Analysis and Assessment** – measuring and monitoring equipment, sampling systems, data acquisition equipment, environment information systems and analytical software such laboratory, remote sensing and GIS management software.
8. **Energy Efficient Equipment** – energy management equipment, energy recovery equipment.
9. **Solar Energy Systems and Equipment** – active and passive solar systems, photovoltaics, solar-thermal generators, solar water and space heating systems.
10. **Biomass Energy Systems and Equipment** – landfill gas collection systems, other systems and equipment that use organic matter (forest and agricultural residues) to produce electricity, chemicals or transportation fuels.
11. **Wind Energy Systems and Equipment** – horizontal axis turbines, vertical axis turbines, other types of windmills used to generate energy and electricity.
12. **Other Renewable Energy Systems and Equipment** – wave, tidal, and ocean thermal energy conversion systems, geothermal energy.
13. **Alternative Fuel Systems** – clean fuel systems (reformulated fuels and oxygenated fuels), fuel cell technologies, hydrogen systems, advanced batteries.
14. **Clean Technologies and Related Components** – integrated process technology, materials recovery technology.
15. **Other, *specify*** – please specify your goods if they are not listed in the preceding categories.

b) Environmental Services

16. **Air Pollution Control Services (Indoor or Outdoor)** – emissions monitoring, assessment/evaluation and planning, related consulting engineering and analytical services.
17. **Water Supply and Conservation Services** – services related to water purification, water delivery and water handling systems, including maintenance, repair, related consulting engineering and analytical services.
18. **Wastewater Management and Sewage Treatment Services** – operation of water treatment facilities, storm water management, water and wastewater system assessment, planning and design management, related consulting engineering and analytical services.
19. **Hazardous and Non-Hazardous Waste Management Services** – waste handling, collection, transport, and disposal, operation of sites, ownership or management of sites, recycling (sorting, baling, cleaning), operation of materials recovery facilities, hazardous waste management services, including related consulting engineering and analytical services.
20. **Services for Remediation/Treatment of Soil, Surface Water, Seawater and Groundwater** – cleaning for facilities and tanks, emergency response and spills clean-up systems, site reclamation and remedial action services, maintenance and repair of remediation or treatment systems, including related consulting engineering and analytical services.
21. **Noise/Vibration Abatement Services** – design and management services for acoustic and soundproof screens and street covering, related consulting engineering and analytical services.
22. **Environmental Research and Development Services** – development, evaluation and implementation of clean process technologies and/or end-of-pipe pollution abatement control technologies, including related consulting engineering and analytical services, and related research to improve knowledge on ecosystems and the impact of human activities on the environment.
23. **Energy Efficiency and Renewable Energy Services** – installation, maintenance, repair and related consulting and analytical services for alternative energy systems or renewable energy production (solar, biomass, wind, other), energy audit, energy resource management related consulting engineering and analytical services.
24. **Environmental Education, Training and Information** – environmental education, training, and information management for the general public and specific environmental workplace education, environmental information searching services, environmental emergency response planning, conservation and resource management, ISO 9000/14000 support services, including related consulting engineering and analytical services.

- 25. **Management Consulting and Legal Services** – general environmental impact assessment, resource management planning, environmental risk management, environmental law and legal services, other environment-related general consulting and legal services not listed in any other categories.
- 26. **Other Environmental Consulting Engineering Services** – other environmental advisory and/or design services not listed in the preceding categories.
- 27. **Other Analytical Services, Data Collection and Analysis** – other environmental advisory and/or design services not listed in the preceding categories.
- 28. **Other, specify** – Please specify your environmental services if they are not listed in the preceding categories.

c) Environment-related Construction

Activities for the construction and installation of facilities for:

- 29. **Air Pollution Control**
- 30. **Water Supply and Conservation**
- 31. **Wastewater Management and Sewage Treatment** – sewer systems, water treatment plants
- 32. **Hazardous and Non-hazardous Waste Management**
- 33. **Remediation/Treatment of Soil, Surface Water, Seawater and Groundwater**
- 34. **Noise/Vibration Abatement**
- 35. **Other, specify** – please specify your environment-related construction services if they are not listed in the preceding categories.