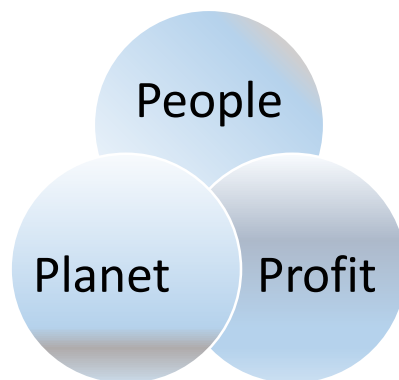


Environmental Services Trade Opportunities in Canada?



Rita Lindayati

Principal Environmental Expert CUTIS Projects

The Conference Board of Canada

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Topics

- What are environmental services ?
- Canada's international trade in environmental services: are there any opportunities for Ukrainian businesses?
- Canada's green procurement in services

What Are Environmental Services? Problem of Definition

Traditional categories of environmental services (focused on public infrastructure)



Solid waste management



Waste water management

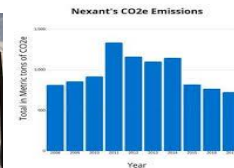
“Services to measure, prevent, limit and minimize or correct environmental damage to water, air and soil, as well as problems related to waste, noise, and eco-systems”.
(OECD)

Stricter environmental regulations;
increased public environmental awareness;
development of science and technology;
increased role of private sector

Expanding categories of environmental services



Emissions trading services



Preparation of emissions reports & verification services



Remediation of polluted sites

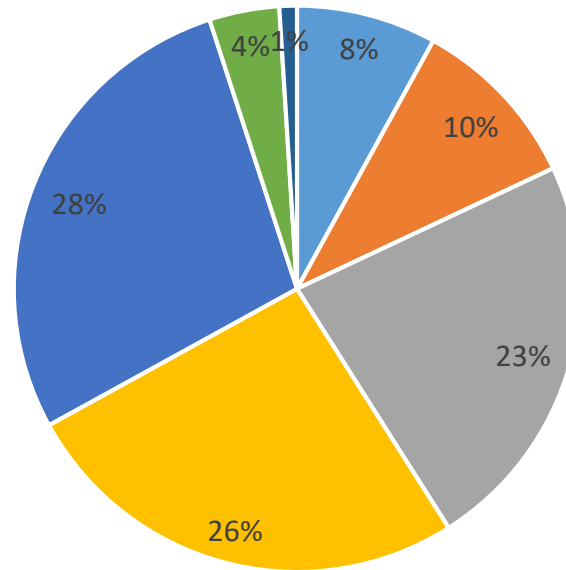
Better understanding of trade opportunities in environmental services

Model 1	cross-border trade e.g. remote monitoring and control of air pollution levels; environmental consultancies; tests and analyses; ...
Model 2	consumption abroad e.g. solid waste treated abroad ...
Model 3	commercial presence abroad e.g. subsidiaries provide solid waste/ waste water treatment services;...
Model 4	temporary presence of natural persons abroad e.g. foreign technicians provide natural disaster assessment services; ...

Most international trade in services is based on Model 3 and 4.

Aik Hoe LIM Director, Trade and Environment Division WTO <https://www.unescap.org/sites/default/files/1-2.EGS-Trade2-WTO%20work.pdf>

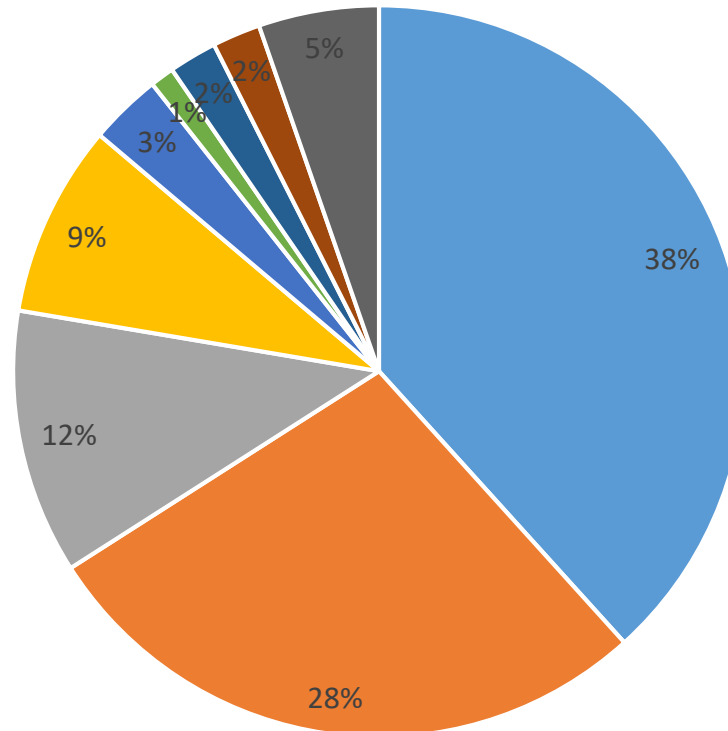
Global Environmental Services Revenue (approx. 506 billion in 2010)



- Remediation & industrial services
- Consulting & engineering
- Water treatment works
- Water utilities
- Solid waste management
- Hazardous waste management
- Analytical services

Source: Environmental Business International. "The Global Environmental Market; Regions & Segments Matrix in 2010." Environmental Business Journal 25, no.6-7 (June/July 2012): 26.

Share of Global Environmental Services Market



■ US ■ Western Europe ■ Japan ■ Asia ■ Canada ■ Africa ■ Eastern Europe ■ Middle East ■ Latin America

Source: Environmental Business International. "The Global Environmental Market; Regions & Segments Matrix in 2010." Environmental Business Journal 25, no.6-7 (June/July 2012): 26.

Canada's International Trade Environmental and Clean Technology Products

	2007 (billions\$)	2017 (billions\$)	% Increase	Note
Export	8.3	12.4	49.6	
Import	6.6	12.1	83.2	<p>Environmental and clean technology product imports accounted for 1.7% of total Canadian imports in 2017.</p> <p>Manufactured products (goods and services) accounted for 82.8% of total environmental and clean technology imports. Imports of other services represented 8.5%.</p> <p>Examples of goods: electric motors and generators; bio-diesel; re-usable waste; waste and scrap of non-ferrous metals; turbines and turbine generator set units; wind-powered electric generating sets.</p>

Source: <https://www150.statcan.gc.ca/n1/pub/16-001-m/16-001-m2019001-eng.htm>

Canadian annual trade of environmental & clean technology services, by world region (\$ millions)

	2011	2012	2013	2014	2015	2016	2017
Exports	1,026	1,101	1,144	1,148	1,211	1,149	1,209
• US	669	665	733	717	799	744	783
• Europe	205	188	215	249	234	245	258
• Asia	52	74	69	67	63	55	58
• Other	100	174	127	115	115	105	110
Imports	1,004	1,070	1,203	1,305	1,427	1,331	1,357
• US	752	793	881	922	1031	947	966
• Europe	172	185	213	258	272	259	264
• Asia	56	59	74	93	91	86	87
• Other	24	33	35	32	33	39	40

Source: Statistics Canada, Balance of Payments special tabulations

- 3 top exports to US: R&D, management and administrative services associated with ECT, and environmental services (sanitation, waste storage, waste management services, and environmental consulting and audits).
- 3 top imports from US: environmental services, patents and industrial design, management and administrative services associated with clean technology.

Canada's green procurement in services

- The Policy on Green Procurement, introduced in 2006 and updated in 2018, aims to integrate environmental considerations into procurement activities – including planning and buying, use and maintenance, and disposal to reduce the environmental impact and ensure best value.
- Environmentally preferable goods and services are those that have a lesser or reduced impact on the environment over the life cycle of the good or service, when compared with competing goods or services serving the same purpose.
- Environmental performance is considered along with other priorities such as price, availability, quality and performance.
- Environmental considerations include: the reduction of greenhouse gas emissions and air contaminants; improved energy and water efficiency; reduced waste and support reuse and recycling; the use of renewable resources; reduced hazardous waste; reduced toxic and hazardous substances; and biodiversity.

Source: <https://www.canada.ca/en/treasury-board-secretariat/services/innovation/greening-government/green-procurement.html>

Canada's Green Procurement in Services: Some Examples

Advertising Services

Some of the environmental criteria include:

- Paper should be certified as originating from sustainably managed forests (Canadian Standards Association (CSA), Forest Stewardship Council (FSC) or Sustainable Forestry Initiative (SFI), etc).
- Suppliers must submit, to the extent possible, electronic proof to their clients
- Organize meetings and telephone conference calls to reduce travel

Software

Some of the environmental criteria include:

- Electronic delivery of software and related documentation is the default method under the new Supply Arrangement method of supply
- Supplier has environmental management policies and practices that are geared to continuous improvement
- Supplier is ISO 14001 certified; Supplier uses ENERGYSTAR certified equipment.

Source: <https://www.canada.ca/en/treasury-board-secretariat/services/innovation/greening-government/green-procurement.html>

Дякую
THANK YOU !

