Green Products Database Pilot Virtual Consultation: Office Supplies and Packaging

Green Public Procurement Tool for Federal Assets Initiative
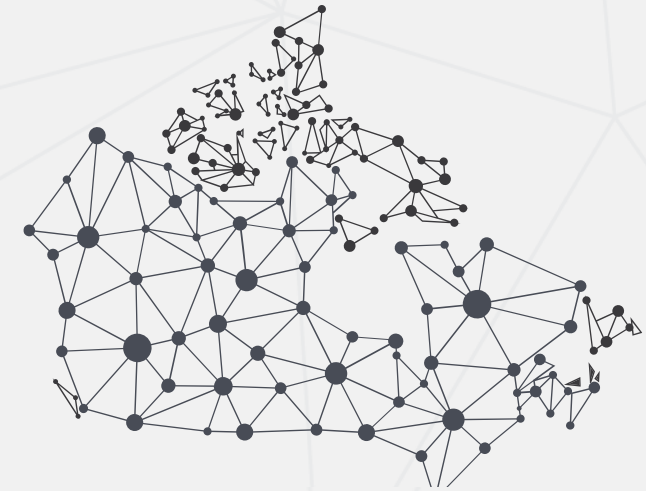
Thursday October 10, 2024

2 - 3:30 PM EST (Zoom)

Consultation Supported by:

CIRCULAR INNOVATION COUNCIL

Public Services and Procurement Canada / Services publics et Approvisionnement Canada

Today's Objectives

- Learning about the Green Public Procurement Tool for Federal Assets Initiative – what it is and what it's trying to do

- Hearing from you
  - Are the environmental certifications we cover today ones you recognize?
  - Do you use these in your organization / industry?
  - What is missing and what do you recommend for the Canadian version?

- Learning about the product search platform itself and what its capabilities are

Today's Agenda

Content	Organization
Welcome & PSPC overview 　　Green Public Procurement Tool Pilot Phase	Public Services and Procurement Canada
Stakeholder engagement overview 　　Customization of U.S. platform	Circular Innovation Council
Stakeholder Feedback 　　Review of Ecolabels and Certifications 　　Additional Suggestions and Feedback	Circular Innovation Council
Platform overview: Pilot Canadian version of the database	Ecomedes
Next Steps	Circular Innovation Council

Public Services and Procurement Canada: Overview
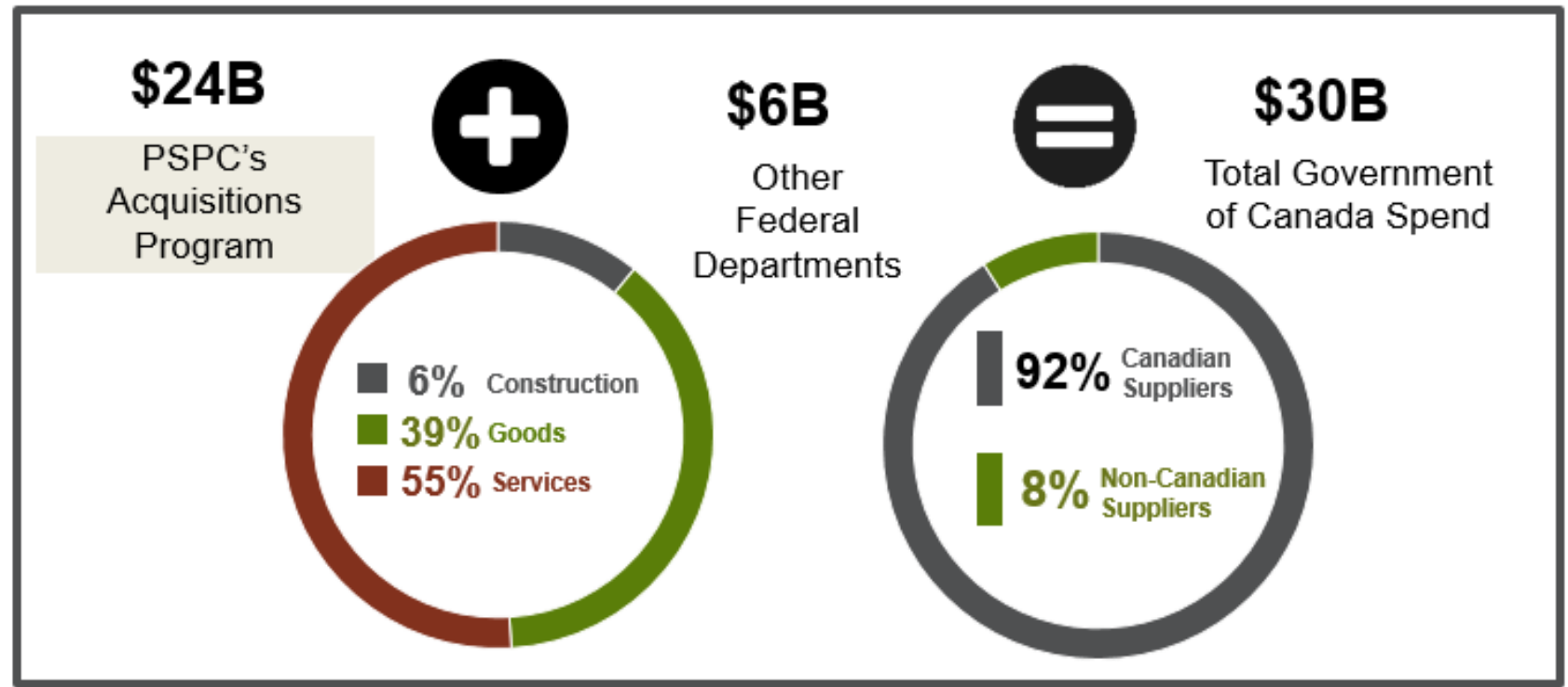
PSPC is the central federal purchasing agent and real property manager for the Government of Canada

Vision: to excel in government operations

Mission: to deliver high-quality, central programs and services that ensure sound stewardship on behalf of Canadians and meet the program needs of federal institutions

The GoC owns approx. 32,000 buildings, 20,000 engineering assets and 40,000 fleet and is the largest asset owner in Canada.

Average Annual Value of Federal Procurement over 3 Fiscal Years: 2019-2020 to 2020-2021

$24B PSPC's Acquisitions Program

+ **$6B** Other Federal Departments = **$30B** Total Government of Canada Spend

6% Construction
39% Goods
55% Services

92% Canadian Suppliers
8% Non-Canadian Suppliers

Source: PSPC Business Analytics Services Directorate 2023

Policy on Green Procurement, 2006

⬡ PSPC will: "include environmentally preferable options (i.e. 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) in the procurement services offered to client departments where feasible."
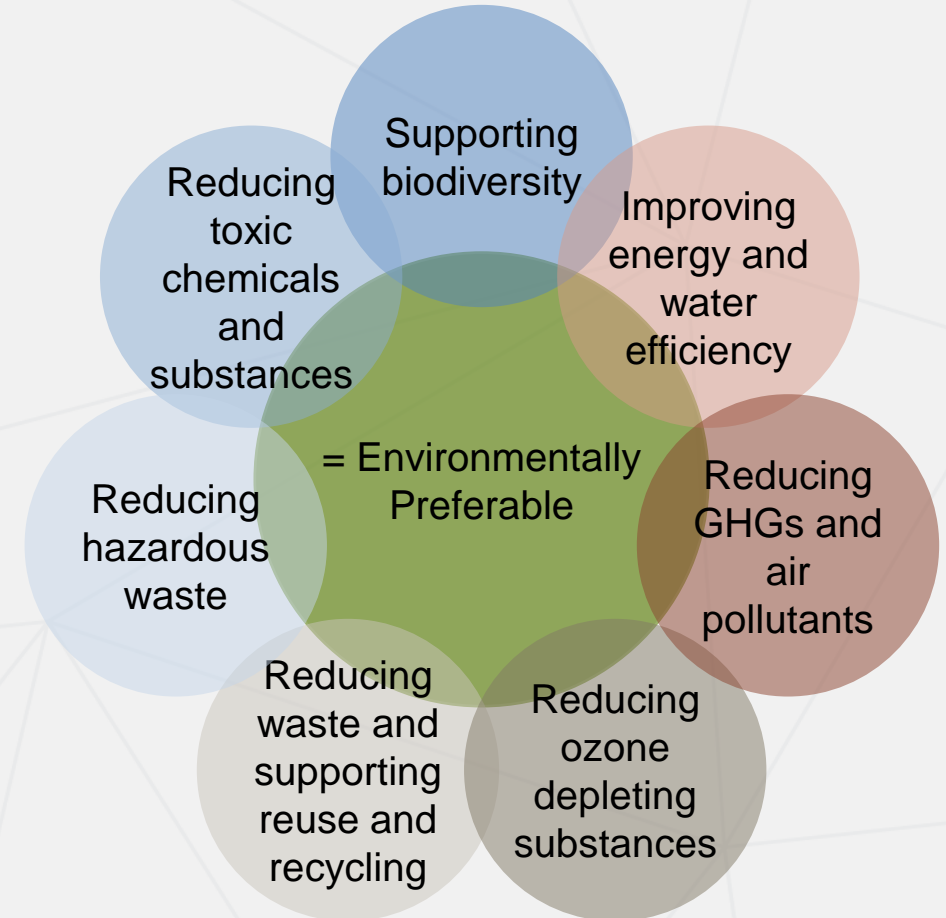
PSPC provides environmentally preferable option to client	**+**	Client buys it where value for $ is demonstrated	**=**	Green procurement
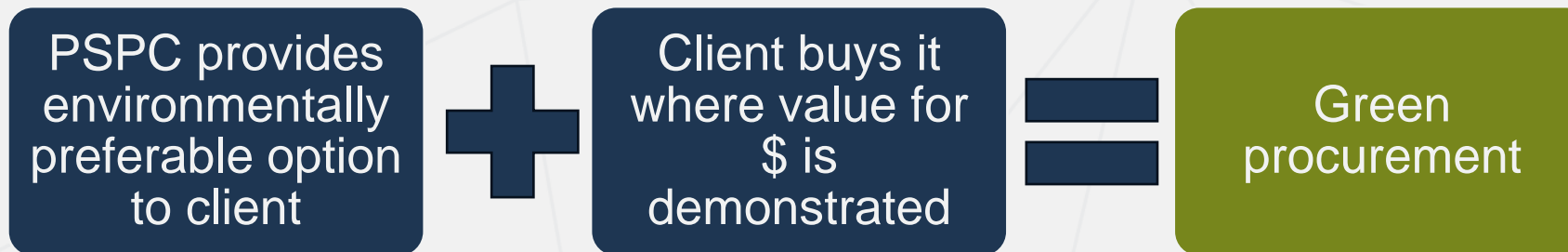
Definition of "Green" or environmentally preferable

"*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 considerations include, among other things: 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.*"

- *Policy on Green Procurement*

- Canada's Competition Bureau requires that environmental claims must not be false or misleading and must be based on adequate and proper testing

Supporting biodiversity

Improving energy and water efficiency

Reducing toxic chemicals and substances

= Environmentally Preferable

Reducing GHGs and air pollutants

Reducing hazardous waste

Reducing waste and supporting reuse and recycling

Reducing ozone depleting substances

Objectives of the GPPT

Primary objective:
- To help buyers (contracting authorities) and clients to easily identify green and cleantech products

Secondary objectives:
- Enable PSPC to meet its responsibilities under the Policy on Green Procurement to provide verified and up-to-date environmentally preferable options to client departments
- Align green procurement requirements with the U.S. and other public procurers to better signal market demand
- Increase green and clean technology procurement and support Canadian SMEs

Configuring a Canadian Green Product Search Tool

What is it?

- Customized and configured ("Canadianized") version of a certified environmentally preferable products database used by the United States General Services Administration and other large institutional buyers in the U.S. (e.g. universities, the Sustainable Purchasing Leadership Council etc.) in procurement and real property applications
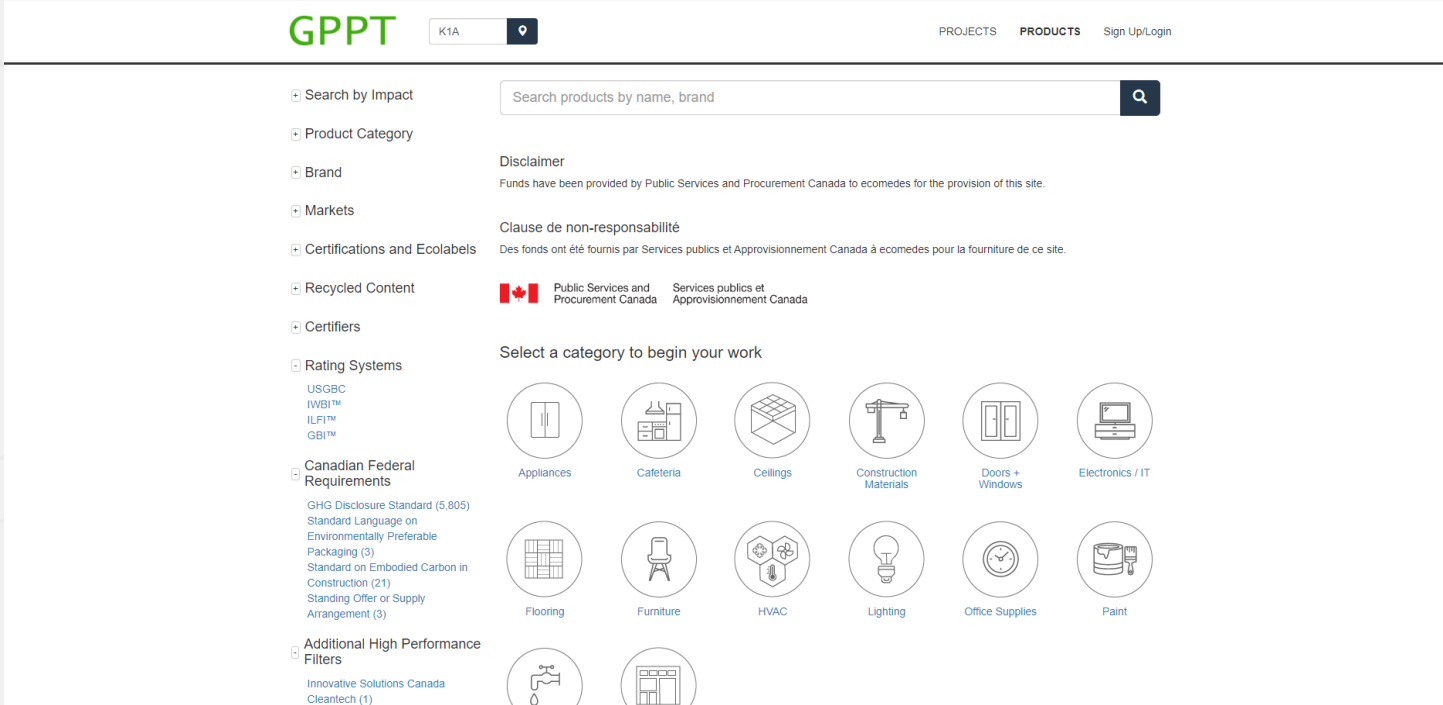
How we intend to use the GPPT in Canada – pilot phase

- Internally: as a research tool to share information between clients and buyers about available environmentally preferable products including those from Canadian cleantech SMEs

- Externally: available publicly to anyone, the database is a public source of third-party verified environmental information that is up-to-date (database updated monthly) and available for use across supply chains and product categories

- As more Canadian products are added and as the certifications are vetted, there is the potential that its use be incented or required in procurement processes and in real property contracting

CIRCULAR INNOVATION COUNCIL

- Formerly Recycling Council of Ontario, with 40 years of expertise in circular policies, programs, standards and research

- Research and promote best practices

- Act as a collaborator, convening public and private sector interests

- Unique membership: spans entire value and supply chains

  - Governments at all levels; industry producers, corporations, SMEs, collectors, processors; academia, researchers; start-ups; community

THREE PILLARS OF ACTION

1 POLICY & ADVOCACY

2 RESOURCES & SERVICES

3 PROGRAMS & PILOTS

CIRCULAR PROCUREMENT — CENTRE OF EXCELLENCE

BUYING THE FUTURE YOU WANT

CIRCULAR ECONOMY MONTH

PLASTIC ACTION CENTRE

REUSE OTTAWA

PROCURE CIRCULAR
Advancing Circularity Through The Power Of Procurement
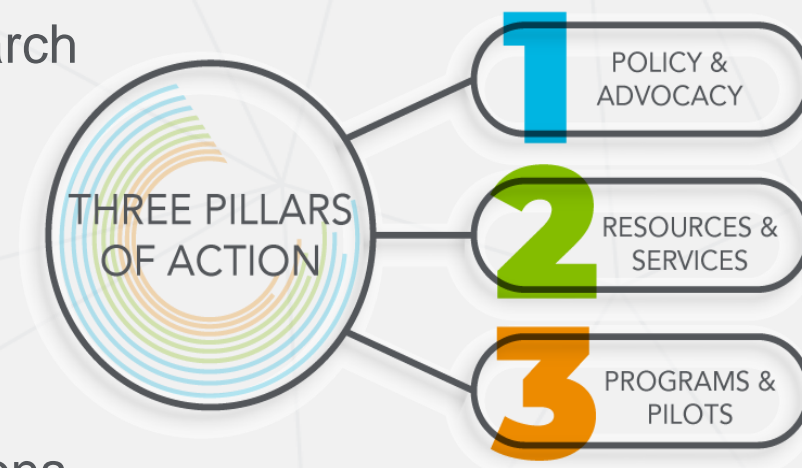
GPPT Customization Methodology

- Review and summarize existing U.S. GSA and other environmental labels and product certifications available within ecomedes platform

- Research additional relevant Canadian product-focused environmental labels and certifications

- Stakeholder engagement including
  - Virtual consultations, based on product categories
  - Stakeholder feedback survey (online)
  - Targeted engagements: industry associations, domestic manufacturers, etc.

- Based on stakeholder feedback, propose environmental labels and other data sources (*third party verified*) that reflect environmental preferability relevant to domestic Canadian perspective

- PSPC finalizes product category filters selection

- Import into GPPT

Scope of Product Category Consultation

Appliances

Building Construction

Cleaning Products

Doors and Windows

Flooring

Finishes

HVAC

IT – Office Electronics

Lighting

Office Furniture

Office Supplies and Packaging

Plumbing

Stakeholder Consultation

Key Objectives Today

- Gather your insights on ecolabels and certifications stakeholders are using for each product category

- Identify additional certifications, standards and ecolabels that should be considered

- Solicit feedback on the benefits and obstacles of such ecolabels/ and certifications

- Solicit other considerations for the GPPT tool

- Identify whether your products may already be represented in the searchable database

Getting to know you:

Stakeholder type?

Organization HQ?

Business size?

Customization of ecomedes Product Search Tool developed for U.S. General Services Administration

Basis for U.S. GSA tool:

- Third-party verified data
  - Simplify informed decision making

- Ecolabelling programs
  - Voluntary, consensus-based
  - Multiple 'attributes' preferred (i.e. more than one environmental impact)

- U.S. EPA 'required purchasing programs' basis
  - EPA Framework for the Assessment of Environmental Performance Standards and Ecolabels for Federal Purchasing

Furniture
Last Updated: 07/18/24

Click to see brand name products that meet these requirements ⬚

PRODUCT DETAILS

To the maximum extent practicable, federal agencies are required to buy sustainable products, which are products that meet the purchasing program(s) listed below.

If there is more than one program listed below, agencies are directed to prioritize multi-attribute products, which meet statutory purchasing program requirements (*) and one or more required Environmental Protection Agency purchasing programs.

Review our frequently asked questions for more information.

PROCUREMENT INFO ⓘ

WHERE TO BUY ⓘ

Statutory Purchasing Program Requirements:

♻ CPG ⬚ *

(see Office Furniture Components)

Required EPA Purchasing Programs:

BIFMA ANSI/BIFMA e3 ⬚ (Addresses PFAS)

Cradle to Cradle Certified (C2C) ⬚ (Addresses PFAS)

GECA Furniture, Fittings, and Foam ⬚

International Living Futures Institute: Living Product Challenge ⬚ (Addresses PFAS)

SMaRT Sustainable Materials Rating Technology (SMaRT) ⬚

SCS Indoor Advantage Gold ⬚

Ecologo/UL 2818 GREENGUARD Certification ⬚

Declare. International Living Futures Institute: Declare ⬚ (Addresses PFAS)

Global Recycled Standard ⬚

WHERE TO BUY

Buy on GSA Advantage!
AbilityOne ⬚
UNICOR ⬚
GSA Global Supply ⬚

OFFICE SUPPLIES AND PACKAGING U.S. GSA Required	Certification Logo	Biodiversity	GHG Emission & Air Quality	Hazardous Waste	Resource Efficiency	Ozone Depleting	Toxic, Hazardous Chemicals	Solid Waste / Reuse & Recycling	Biobased Content
Greenseal			✔		✔		✔		✔

OFFICE SUPPLIES AND PACKAGING

Canadian and Other Ecolabels, Certifications and Standards

SCS Recycled Content Validation

Intertek Recycled Content Validation

UL Recycled Content Validation

FSC

PFSC

C2C Certified

Sustainable Forestry Initiative

Stakeholder Consultation

Revisiting Key Objectives

- Gather your insights on ecolabels and certifications stakeholders are using for each product category

- Identify additional certifications, standards and ecolabels that should be considered

- Solicit feedback on the benefits and obstacles of such ecolabels/ and certifications

- Solicit other considerations for the GPPT tool

- Identify whether your products may already be represented in the searchable database

Qualitative/Open Feedback

Chatham House Rule

- ⬡ When a meeting, or part thereof, is held under the Chatham House Rule, participants are free to use the information received, but neither the identity nor the affiliation of the speaker(s), nor that of any other participant, may be revealed. The purpose of the rule is to encourage open discussion since anything said is "off the record".

- ⬡ Facilitators are neutral parties who will filter the input and feedback gathered into a summary document. No contracting authorities are here today.

Product Sub-category Feedback

⬡ Mural Board post-it notes

1. Office Furniture – Blue

Canada.ecomedes.com
Pilot Platform Introduction

Introduction to ecomedes

ecomedes **MISSION**

Simplify **Product Research** and **Accelerate Sustainable Procurement** by automating the **Search** for sustainability data, automating compliance **Analysis** and streamlining **Documentation** & **Reporting**

Topics we will cover

- Introduction to Ecomedes
  - Ecomedes Technology Overview

- Canada.ecomedes.com Platform Overview
  - What the platform is designed to support
  - Data Flows into the system
  - Platform Tour
    - Signup for a test account
    - Search & Discovery
    - Product Analysis & Documentation

Ecomedes Technology
Data Collection & Curation

3rd Party Product Ecolabels + Certifications +
Standards + EcoDATA registries

Refreshed Monthly

COLLECTION
ENGINE
CURATION

Data Enrichment

Building Product Manufacturer Sourced:
- Company / Organizational Attributes
- Brand / Product Assets
- Product Performance Attributes
- Adjacent Brand Resources
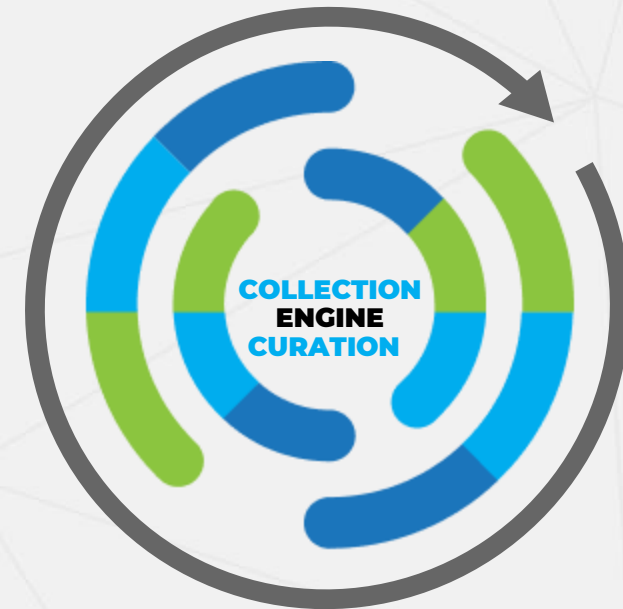
Largest Curated Product Database in the market

~10,000 Brands   ~1,200,000+ Products

~100+ Ecolabels / Certifications / Standards

~60+ Registry Sources

~3,000 Unique Brand/Factory/Product Attributes

Ecomedes Technology
Platforms configured for Institutional Buyers
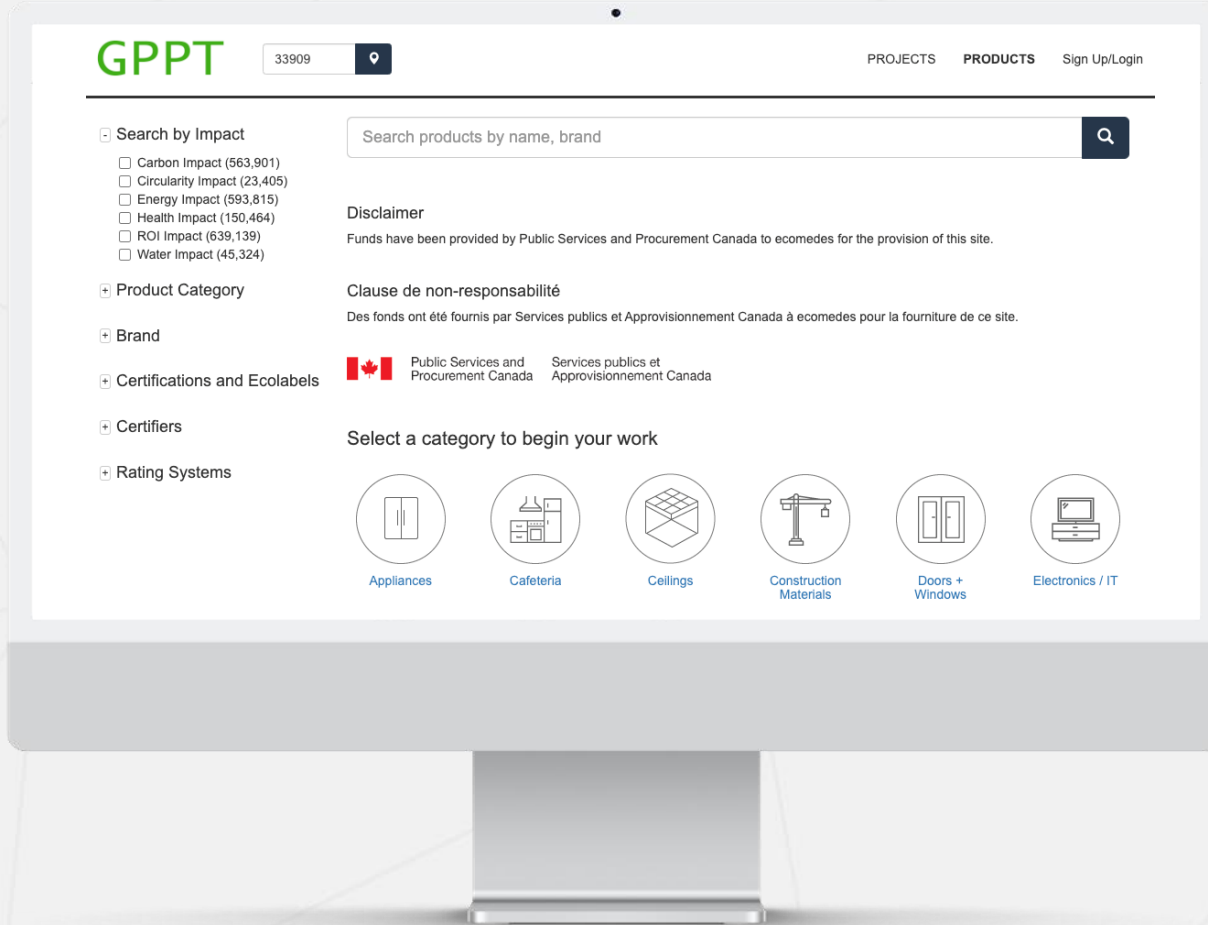
How Does this Help You?
- The platform was designed to save you time
- Increase Green Procurement within Government
- Streamline Green procurement reporting for Agencies and Departments

Some of the most common activities that the platform streamlines:
- **Searching** for products that meet the certifications, ecolabels, specifications, etc
- **Analyzing** product performance attributes
- **Documenting** procurement and project decisions
- **Sharing** Impact Reports with project team members

Canada.ecomedes.com

Platform Tour
Pilot Account Sign-up

Simple Signup takes 1 minute & saves 100s of hours per year

- The Platforms are typically open to anyone who wants to simplify sustainable product search, analysis and documentation.
  - Procurement Teams
  - Vendor Teams
  - Project Teams
  - Manufacturer Teams
- Creating an account lets you:
  - Analyze Products and projects
  - Download product documentation
  - Save your work on projects

Platform Tour
Search & Discovery: Driven by Data

- Search by Impact
- Product Category
- Brand
- Certifications and Ecolabels
  - Over 50 to choose from
  - This can be configured to your needs
  - Additional Resources can be added

GPPT   33909   PROJECTS **PRODUCTS** Sign Up/Login

Search products by name, brand

+ Search by Impact

+ Product Category

+ Brand

- Certifications and Ecolabels
  - [ ] +Vantage Vinyl® Verified (743)
  - [ ] AFRDI Green Tick (15)
  - [ ] ANSI/NSI 373 Sustainable Stone (38)
  - [ ] ASSURE CERTIFIED™ (287)
  - [ ] asthma & allergy friendly® (200)
  - [ ] BIFMA LEVEL® (5,132)
  - [ ] BioPreferred® (18,462)
  - [ ] Blue Angel (1,706)
  - [ ] C2C Certified (6,670)
  - [ ] C2C Material Health Certified (378)
  - [ ] Carbon Footprint Verification (4)
  - [ ] Declare (5,789)
  - [ ] DLC Qualified (403,819)
  - [ ] EC3 Embodied Carbon (4,246)
  - [ ] ECOLOGO Certificate (11,546)
  - [ ] ENERGY STAR® Certified (85,078)
  - [ ] Environmental Product Declaration (EPD) (29,307)
  - [ ] EPEAT (52,982)
  - [ ] EU Ecolabel (8)
  - [ ] FloorScore (7,784)
  - [ ] FSC® (5,647)
  - [ ] Green Label Plus (20,167)
  - [ ] Green Seal Certified (1,539)
  - [ ] Green Squared Certificate (609)
  - [ ] GreenCircle (13,855)
  - [ ] Greenhealth Approved (138)
  - [ ] GSA Contract (5,699)
  - [ ] Health Product Declaration (HPD) (39,405)
  - [ ] Intertek Clean Air Gold (2,344)
  - [ ] Intertek Clean Air Silver (279)
  - [ ] Life Cycle Assessment (LCA) (53,545)
  - [ ] Living Product Challenge (201)
  - [ ] Net Zero Challenge (5,802)
  - [ ] NSF/ANSI 140 Carpet (19,428)
  - [ ] NSF/ANSI 332 Resilient Floor Coverings (323)
  - [ ] NSF/ANSI 342 Wallcoverings (1)
  - [ ] NSF/ANSI 347 Single Ply Roofing Membranes (16)
  - [ ] NSF/ANSI 51 Food Equipment Materials (79)
  - [ ] PFAS Addressed (16,881)
  - [ ] SCS Biodegradable Certified (5)
  - [ ] SCS calCOMPliant - Phase 2 (148)
  - [ ] SCS EPA TSCA Title VI Compliant (107)
  - [ ] SCS Indoor Advantage Gold (6,200)
  - [ ] SCS Lead Safe Paint (27)
  - [ ] SCS No Added Formaldehyde (47)
  - [ ] SCS No Added Urea Formaldehyde (4)
  - [ ] SCS Recycled Content Certified (1,359)
  - [ ] SCS Recycling Program Certified (1)
  - [ ] TCO Certified (77,521)
  - [ ] UL GREENGUARD (80,760)
  - [ ] UL GREENGUARD Gold (79,000)

+ Certifiers

+ Rating Systems

Disclaimer
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Clause de non-responsabilité
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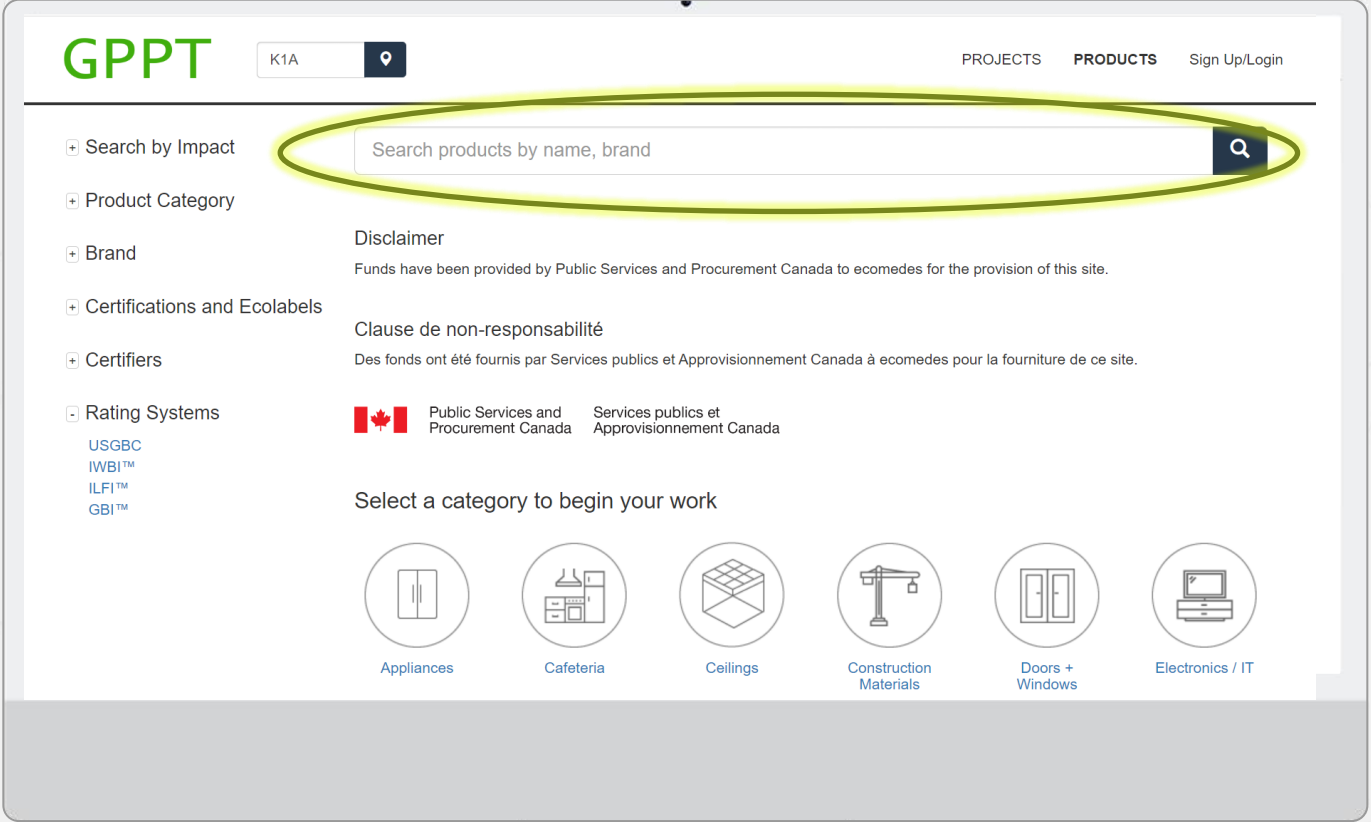
Select a category to begin your work

Appliances | Cafeteria | Ceilings | Construction Materials | Doors + Windows | Electronics / IT

Flooring | Furniture | HVAC | Lighting | Office Supplies | Paint

Plumbing | Walls

Canada

Product Search

canada.ecomedes.com

Platform Tour
Search & Discovery: Driven by Data

As you refine your search with left hand navigation, you can discover products through a variety of paths

- **Product Category / Subcategory / Type Refinement**
  - Furniture (40,765)
    - Seating (936)
      - **Task (187)**
- **Certifications and Ecolabels Refinement**
  - BIFMA LEVEL® (5,043)
    - LEVEL 1 (1,618)
    - LEVEL 2 (1,904)
    - **LEVEL 3 (1,521)**
- Brands that have Task Seating that have achieved BIFMA LEVEL 3 Certification are summarized in the left-hand navigation with product count.

Brand
- 9to5 Seating (4)
- Affordable Interior Systems (AIS) (5)
- Allseating (37)
- Allsteel (75)
- Andreu World (108)
- ergoCentric Seating Systems Inc. (15)
- Global Furniture Group (268)
- Gunlocke (65)
- Haworth (53)
- HBF (20)
- Herman Miller (90)
- HON (73)
- Humanscale (71)
- Interstuhl (20)
- KI (36)
- Knoll (82)
- Krug Inc. (32)
- Pyrotech Workspace Solution Pvt. Ltd (9)
- Steelcase (218)
- Teknion (144)
- VS Vereinigte Spezialmobelfabriken GmbH & Co. KG (96)

Platform Tour
Rich Product Data at your fingertips

11 Hyperlinks to external ecoDATA resources to support decision making:
- Certification and Standards
  - BIFMA LEVEL® Certificate
  - CA Section 01350
  - CDPH Standard Method v1.2-2017
  - LBC Red List Free Requirements
  - EPD
  - LCA
  - SCS Indoor Advantage Gold
  - Textile Conformance
- Human Health
  - Ergonomic Strategy
  - Targeted Chemical Elimination URL
- Planet Health
  - Embodied Carbon (Cradle to Gate) - GWP
- Recycled Content
- Materials
  - Material Ingredient Disclosure URL
- Manufacture Product Page Resources

Consultation & onboarding process per category

Stage 1: Collect multiple streams of input and review research findings:
- ❏ What certifications and programs are currently used by Canadian manufacturers?
- ❏ What do other levels of government, other stakeholders specify?
- ❏ Once we know the relevant certifications and programs, are there product registries?

Stage 2: Draft Product Filter Recommendations and ecodata requirements
- ❏ Draft filter language along with market data availability shared with procurement teams for review
- ❏ PSPC shares the draft filter pilot requirements and data structure back with stakeholders for feedback prior to Sn. management decision (*if possible)

Stage 3: Ecomedes launches pilot product filters into canada.ecomedes.com
- ❏ Onboard the registries of certified products or programs where performance testing can be verified – these go into the large ecomedes database used in the U.S. also
- ❏ Manufacturers can enrich their product data with more attributes

Stage 4: Move new filters into ecomedes production Canada.ecomedes.com

Next steps

- We are at the beginning of the customization and consultations

- Additional Feedback?
  - https://pspc-spac.survey-sondage.ca/f/s/gppt

- Additional Consultations:
  - https://circularinnovation.ca/pspc-consultation-sessions-and-registration/

- Consultation Feedback Poll

Thank you!

Public Services and Procurement Canada / Services publics et Approvisionnement Canada

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CIRCULAR INNOVATION COUNCIL