

Green Products Database Pilot Virtual Consultation: Office Supplies and Packaging

Green Public Procurement Tool for Federal Assets Initiative

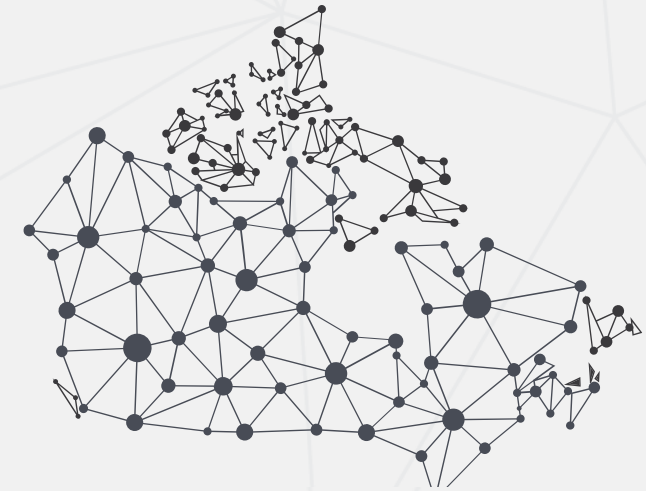
Thursday October 10, 2024

2 - 3:30 PM EST (Zoom)



Public Services and
Procurement Canada

Services publics et
Approvisionnement Canada



Consultation Supported by:



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

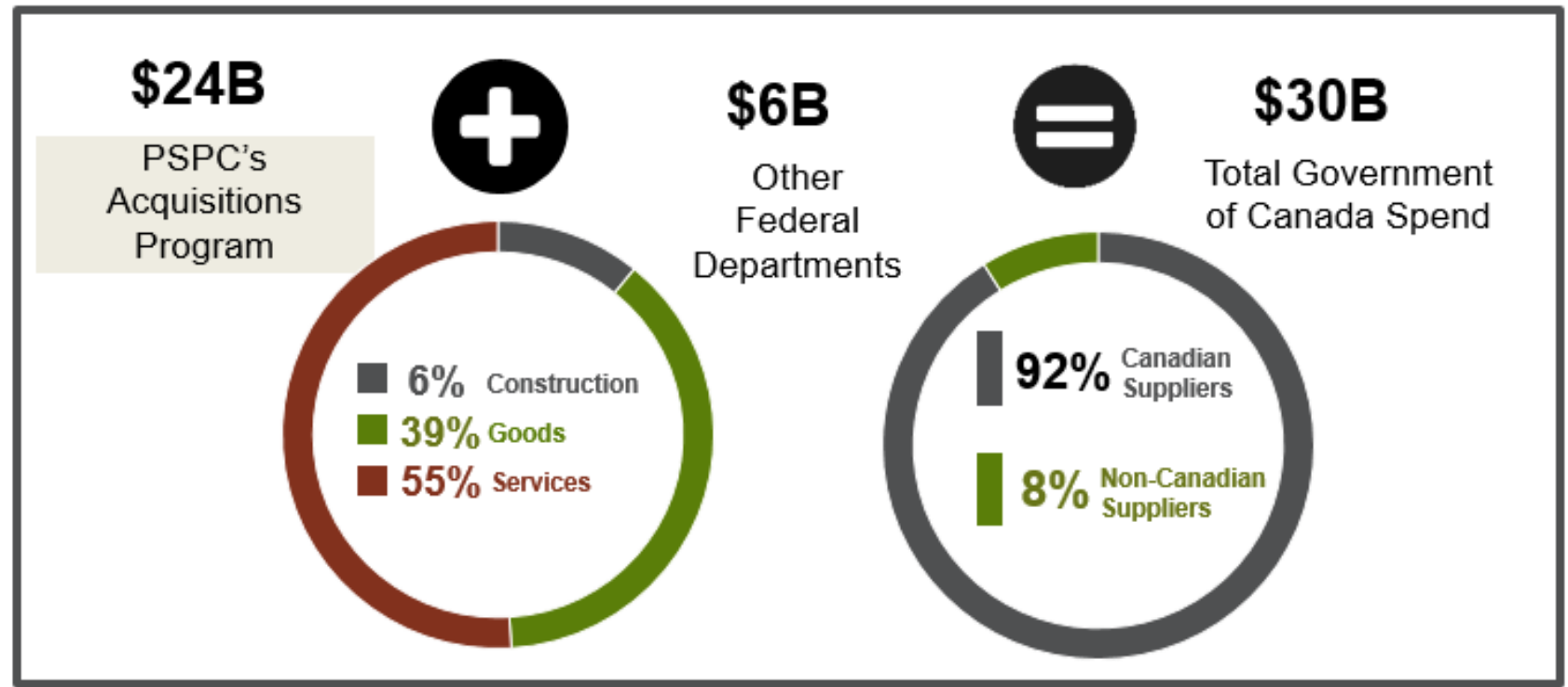
PSPC is the central federal purchasing agent and real property manager for the Government of Canada

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.

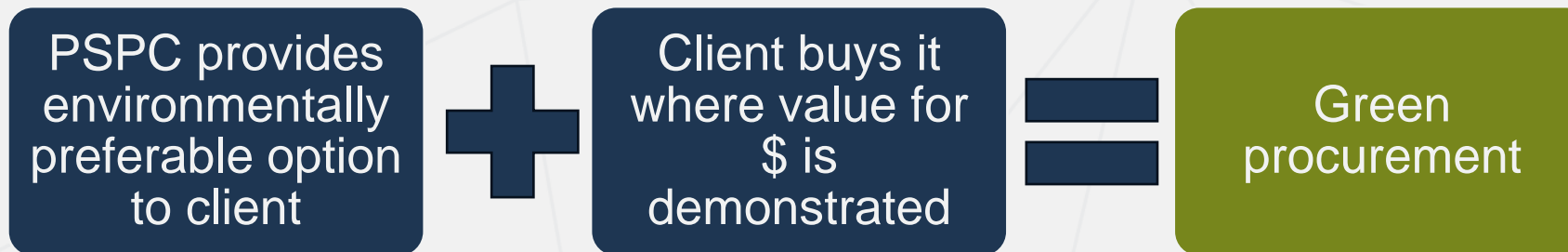
Average Annual Value of Federal Procurement over 3 Fiscal Years: 2019-2020 to 2020-2021



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.”

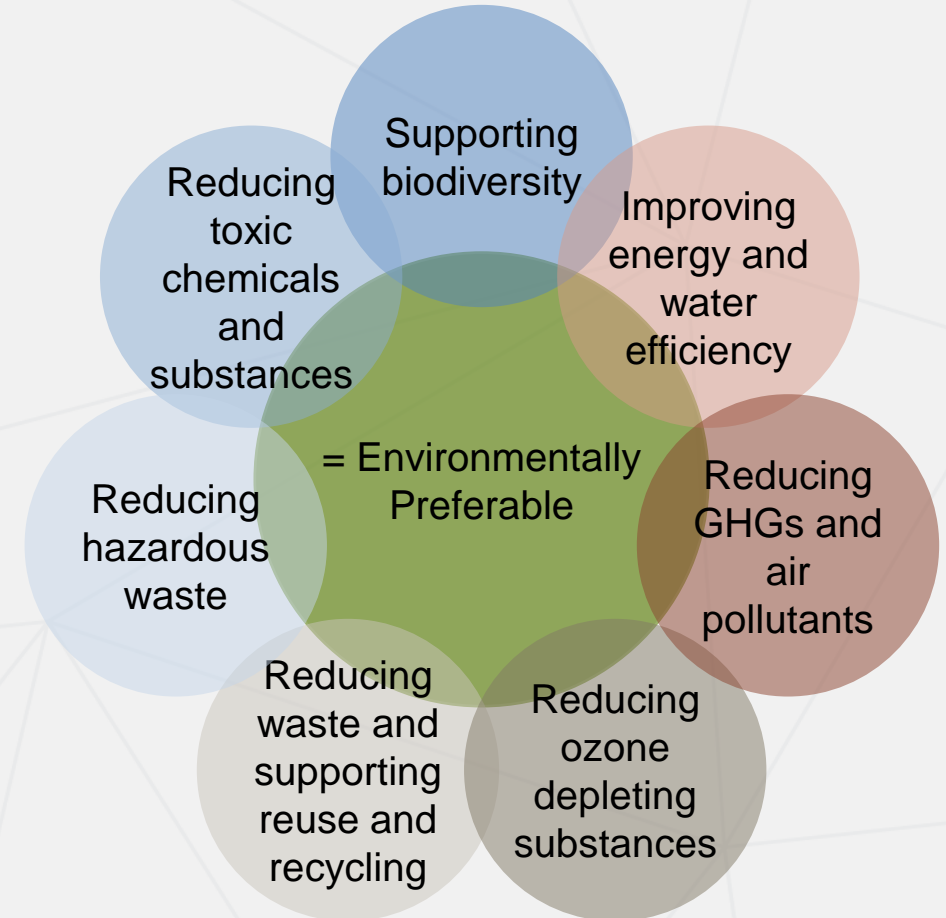


Definition of “Green” or environmentally preferable

“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



Objectives of the GPPT

Primary objective:

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

Secondary objectives:

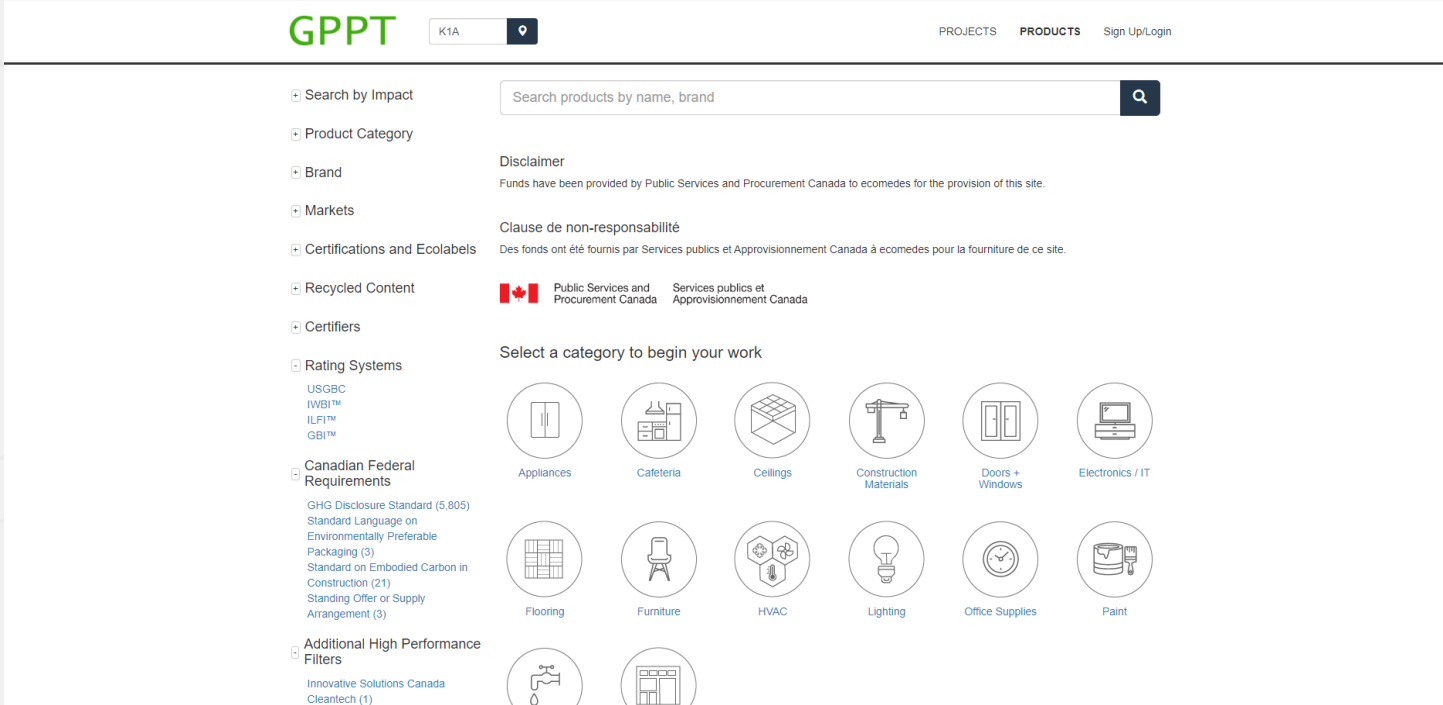
- ◆ Enable PSPC to meet its responsibilities under the Policy on Green Procurement to provide verified and up-to-date environmentally preferable options to client departments
- ◆ Align green procurement requirements with the U.S. and other public procurers to better signal market demand
- ◆ Increase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

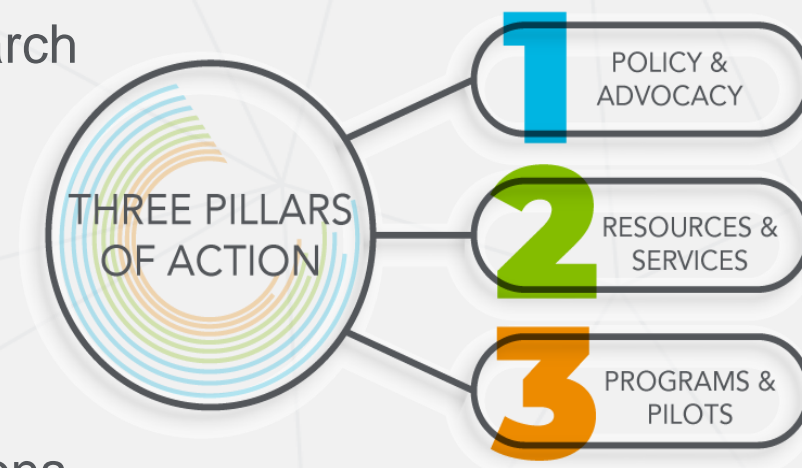


How we intend to use the GPPT in Canada – pilot phase

- ◆ 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
-



- C Formerly Recycling Council of Ontario, with 40 years of expertise in circular policies, programs, standards and research
- C Research and promote best practices
- C Act as a collaborator, convening public and private sector interests
- C Unique membership: spans entire value and supply chains
 - C Governments at all levels; industry producers, corporations, SMEs, collectors, processors; academia, researchers; start-ups; community



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:



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)



Sustainable Materials Rating Technology (SMaRT)



SCS Indoor Advantage Gold



Ecologo/UL 2818 GREENGUARD Certification



International Living Futures Institute: Declare (Addresses PFAS)



Global Recycled Standard

[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

Office Furniture





Procedural

1. Are there certifications/standards that we have/use in Canada that should be considered (in one or both official languages)?

2. Are you aware of other international environmental certifications/standards that are applicable to this commodity or that may be used in the industry which you would recommend for inclusion moving forward? If so what are they and why?



Environmental

3. For ecolabels you are familiar with, are there environmental impact categories that are missing or important from a Canadian perspective? Similarly, are there life cycle stages not being considered?

4. Are there environmental criteria which would be more impactful?



Other Considerations

5. Do you have feedback on certification and verification fees - are they transparent? are they prohibitive?

6. Are there other sources of third-party verified data that identify environmental performance or preferability that should be considered in this category? Which organization/certification?

7. Do you have additional suggestions or feedback to using these ecolabels and certifications to simplify identification of environmentally preferable products?



Social

8. Are you aware of 3rd party certifications applicable to this category that Canada might eventually like to include in relation to:

- a) Diversity and inclusion
- b) Indigenous reconciliation
- c) Forced labour and modern slavery
- d) Gender Based-Analysis (including LGBTQ2+)
- e) Persons with disabilities
- f) Economic equality

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

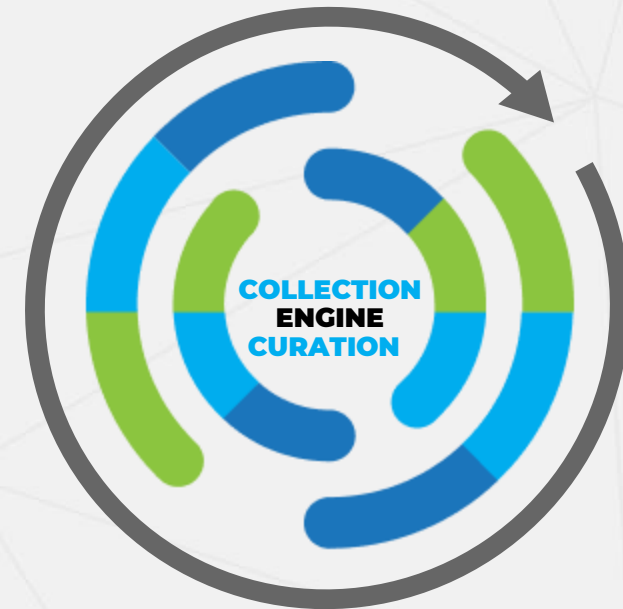


Data Enrichment

Building Product Manufacturer Sourced:

- Company / Organizational Attributes
- Brand / Product Assets
- Product Performance Attributes
- Adjacent Brand Resources

Refreshed Monthly



Largest Curated Product Database in the market

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

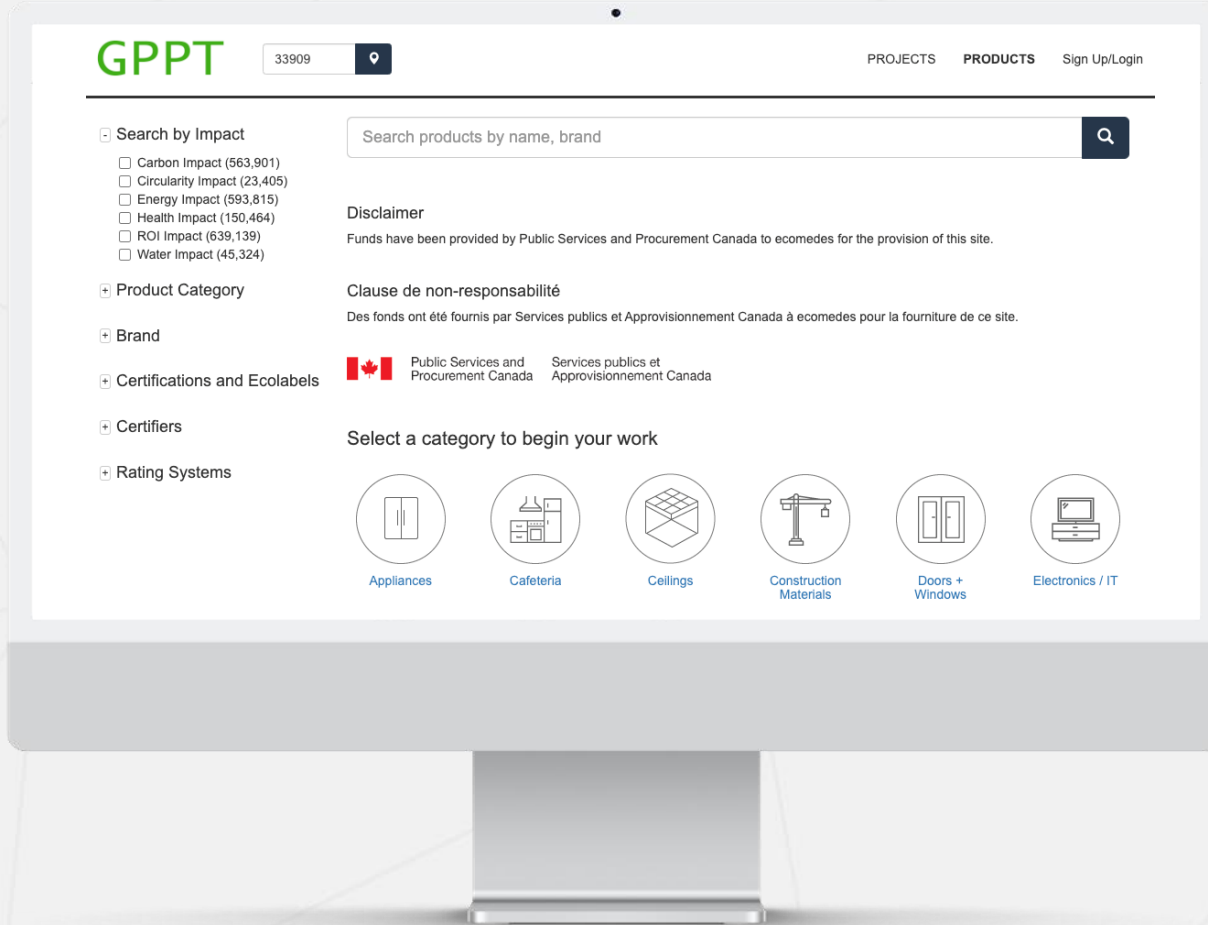
~100+ Ecolabels / Certifications / Standards

~60+ Registry Sources

~3,000 Unique Brand/Factory/Product Attributes

Ecomedes Technology

Platforms configured for Institutional Buyers



Canada.ecomedes.com

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

Platform Tour

Pilot Account Sign-up

The screenshot shows the GPPT website interface. At the top left is the GPPT logo and a search bar containing '33909'. To the right are navigation links for 'PROJECTS', 'PRODUCTS', and 'Sign Up/Login'. Below the search bar is a search input field with the placeholder text 'Search products by name, brand' and a magnifying glass icon. On the left side, there are several filter categories: 'Search by Impact' (with sub-items like Carbon Impact, Circularity Impact, etc.), 'Product Category', 'Brand', 'Certifications and Ecolabels', 'Certifiers', and 'Rating Systems'. In the center, there is a 'Disclaimer' section with text in English and French, followed by a 'Select a category to begin your work' section with various product category icons: Appliances, Cafeteria, Ceilings, Flooring, Furniture, HVAC, Lighting, Office Supplies, Paint, Plumbing, and Walls. A sign-up modal is overlaid on the right side of the page. The modal has the 'ecomedes' logo at the top, followed by the text 'Welcome' and 'Log in to Ecomedes Inc. to continue to Ecomedes.'. Below this are input fields for 'Email address' and 'Password', a 'Forgot password?' link, and a blue 'Continue' button. At the bottom of the modal, it says 'Don't have an account? Sign up'. A green arrow points from the search bar area towards the sign-up modal.

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)
- ANSINSI 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)

Disclaimer
Funds have been provided by Public Services and Procurement Canada to ecomedes for the provision of this site.

Clause de non-responsabilité
Des fonds ont été fournis par Services publics et Approvisionnement Canada à ecomedes pour la fourniture de ce site.

Select a category to begin your work

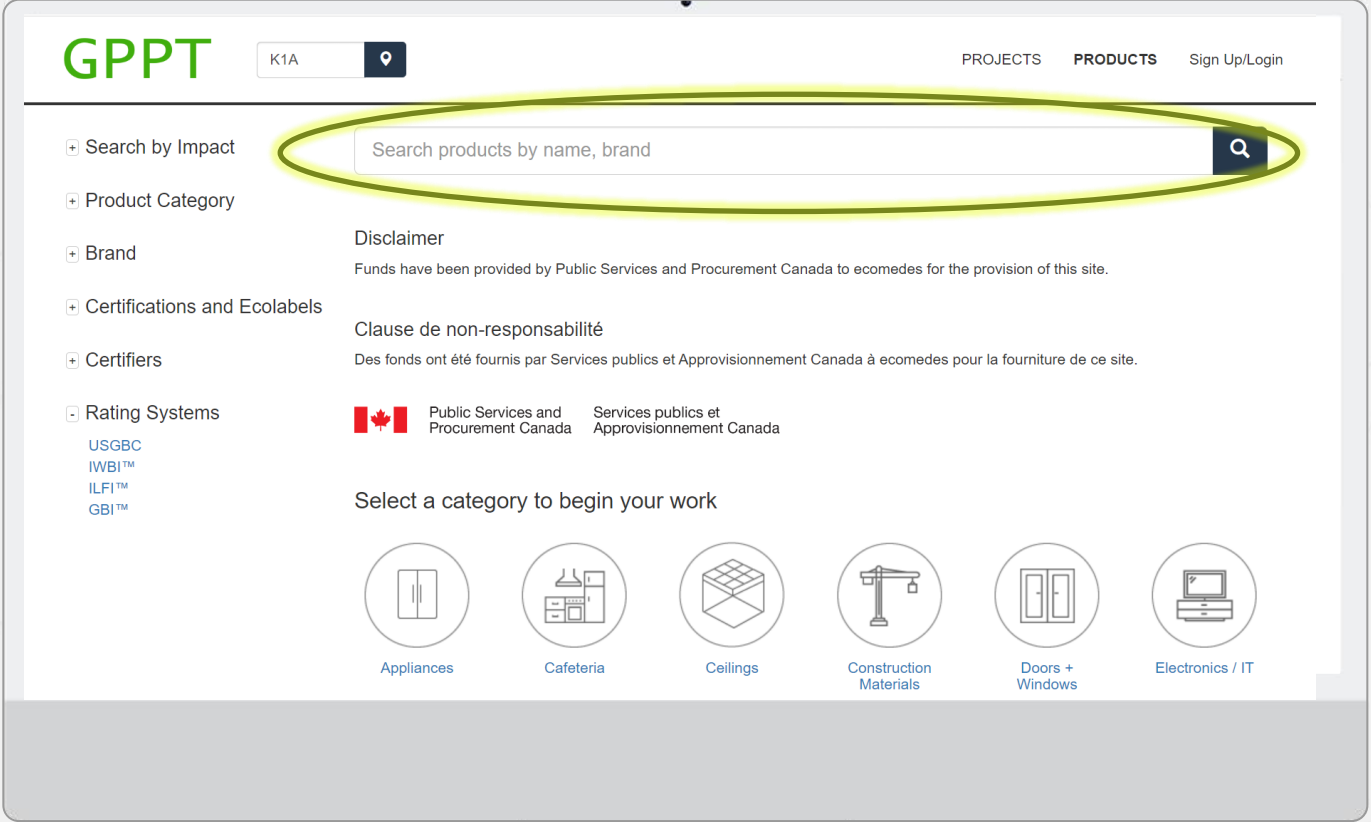
- Appliances
- Cafeteria
- Ceilings
- Construction Materials
- Doors + Windows
- Electronics / IT
- Flooring
- Furniture
- HVAC
- Lighting
- Office Supplies
- Paint
- Plumbing
- Walls

Certifiers

Rating Systems

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)

The screenshot displays the GPPT search interface. At the top, there is a search bar with the number '33909' and a location pin icon. To the right, there are links for 'PROJECTS', 'PRODUCTS', and 'Sign Up/Login'. Below the search bar, there is a 'View Comparison' button and a dropdown menu for 'Impact Score'. The main search area contains a search bar with the text 'Search products by name, brand' and a magnifying glass icon. Below the search bar, there is a filter section with the text '1 - 18 of 159 results' and 'Filters: Building Furnishings X Furniture X Seating X Task X BIFMA LEVEL® X'. The filter section is organized into several categories: 'Product Category', 'Product Subcategory', 'Product Type', 'Product Subtype', 'Brand', 'Certifications and Ecolabels', 'BIFMA LEVEL®', 'Certifiers', and 'Rating Systems'. The 'Certifications and Ecolabels' section is expanded, showing a list of checkboxes for various certifications, with 'BIFMA LEVEL®' checked. The 'BIFMA LEVEL®' section is also expanded, showing a list of checkboxes for 'LEVEL 1 (52)', 'LEVEL 2 (29)', and 'LEVEL 3 (78)', with 'LEVEL 3 (78)' checked. The 'Rating Systems' section is also expanded, showing a list of checkboxes for 'USGBC', 'IWBI™', 'ILEF1™', and 'GBI™'. The main content area displays a grid of product cards. Each card features an image of a chair, the brand name, the product name, the category, subcategory, and subcategory, and a set of icons representing various certifications and ecolabels. The first row shows three cards: 'Humanscale Freedom® Task Chair', 'Humanscale Freedom® Headrest', and 'Humanscale Liberty® Task'. The second row shows three cards: 'Humanscale Diffrient Smart™', 'Humanscale Trear®', and 'Humanscale Smart™ Ocean'. The third row shows three cards: 'Humanscale Liberty® Ocean', 'Humanscale Path', and 'Humanscale Diffrient Smart™ Plus'.

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

Herman Miller Aeron® Chair Aluminum Base / AER_ALUM_EU

Category: Building Furnishings
Subcategory: Furniture

Certifications and Standards

- CA Section 01350: Yes
- CDPH Standard Method V1.2-2017: Yes
- Conforms with LBC Red List Free Requirements: Yes
- Environmental Product Declaration (EPD): Yes
- Life Cycle Assessment: Yes
- Life Cycle Assessment URL: External Link
- SCS Indoor Advantage Gold: Yes
- Textile conformance to certifications and standards: External Link

Human Health

- Ergonomic Strategy: Yes
- Targeted Chemical Elimination: Yes

Planet Health

- Embodied Carbon (Cradle to Gate) - GWP (kgCO2e): 58

Recycled Content

- Recyclable: 91%
- Recycled Content - Post Consumer (%): 56.0%
- Recycled Content - Pre Consumer (%): 11.0%

Materials

- Material Ingredient Disclosure: Yes
- Material Ingredient Disclosure URL: External Link

Material Content

- Aluminum Content %: 91%
- Fabric Content %: 1%
- Fiberglass Content %: 1%
- Finish Content %: 1%
- Foam Content %: 2%
- Plastic Content %: 29%
- Steel Content %: 10%

General

- Contact Email: Sustainability@MillerKnoll.com
- Contact Name: Sustainability
- Corporate Sustainability Report (CSR) Link: External Link
- Designer: Bill Stumpf and Don Chadwick
- Environmental Advocacy URL: External Link
- Manufacturer Take Back Program: Yes
- Manufacturer Take Back Program URL: External Link
- Manufacturing Location(s): Wiltshire, UK
- Manufacturer Number: 12 52 00
- Product Page: External Link
- Recyclable packaging: 95%
- Seating Flexibility: Yes

NSF Certificate of Conformity

Herman Miller, Inc.
Aeron® Chair

LEVEL 3 Certification

BIFMA LEVEL® Certificate

Environmental Product Declaration

Aeron® Chair Aluminum Base

SCS Indoor Advantage Gold

RenewedCycle

Design for the Environment (DfE)

MillerKnoll

Material Ingredient Disclosure URL

MillerKnoll
Designing a better world

The 2023 Better World Report

For more than 100 years, our brands have worked to improve spaces—and the world around us. We believe that together we can do more.

Aeron Chair

11

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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 **ecomedes**

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