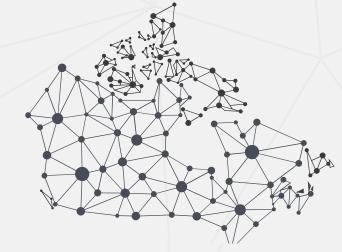
Green Products Database Pilot Virtual Consultation: Flooring

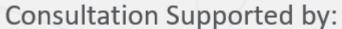
Green Public Procurement Tool for Federal Assets Initiative

Tuesday October 22, 2024



1 - 2:30 PM EST (Zoom)







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	Public Services and Procurement
Green Public Procurement Tool Pilot Phase	Canada
Platform overview: Pilot Canadian version of the database	ecomedes
Stakeholder engagement overview	Circular Innovation Council
Customization of U.S. platform	
Stakeholder Feedback	Circular Innovation Council
Review of Ecolabels and Certifications	
Additional Suggestions and Feedback	
Customization process and onboarding Q & A	ecomedes
Next Steps	Circular Innovation Council

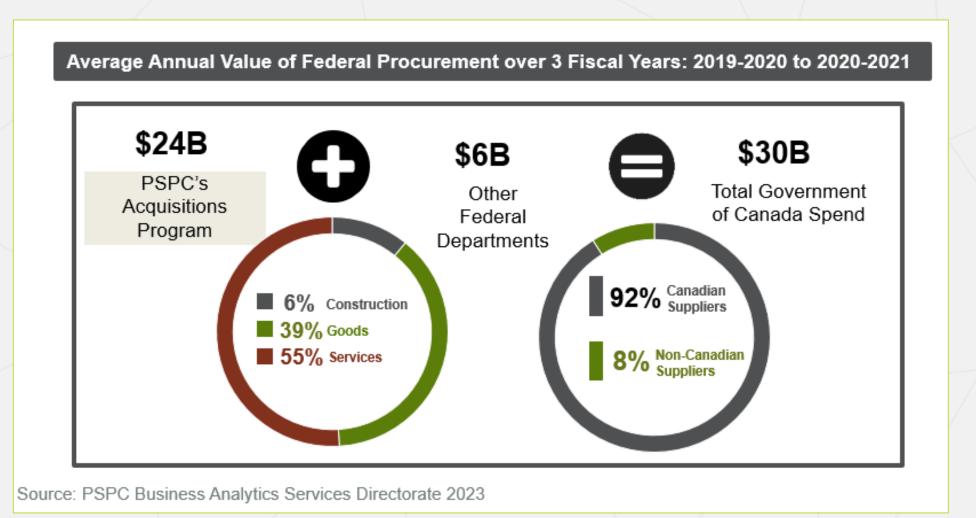
Public Services and Procurement Canada: Overview

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.



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."

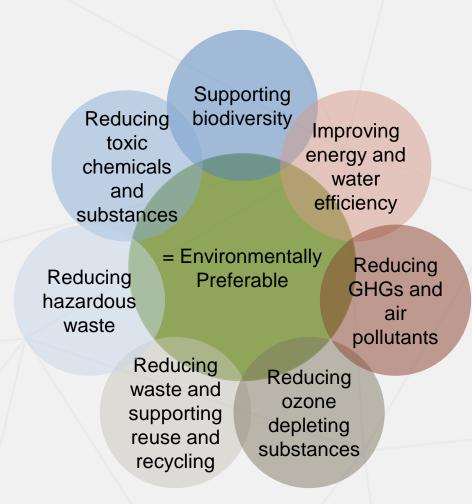


Definition of "Green" or environmentally preferable

"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 <u>adequate and proper testing</u>



Definition of Clean technology

The Government of Canada defines clean technology as:

- Any good or service designed with the primary purpose of contributing to remediating or preventing any type of environmental damage.
- Any good or service that is less polluting or more resource efficient than equivalent normal products that furnish a similar utility.

Examples include: renewable and non-emitting energy; smart grid and energy storage; advanced and lightweight materials; energy efficiency controls and design; air, water, wastewater and environmental remediation; transportation; waste and recycling; and biofuels and biomaterials.

Source: Clean Technology Data Strategy: https://ised-isde.canada.ca/site/clean-growth-hub/en/clean-technology-data-strategy



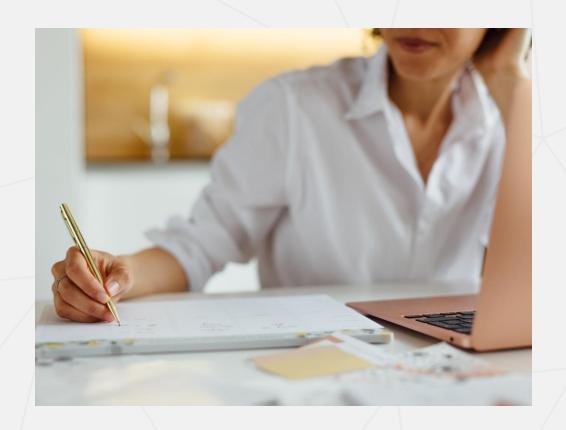
Objectives of the GPPT

Primary objective:

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

Secondary objectives:

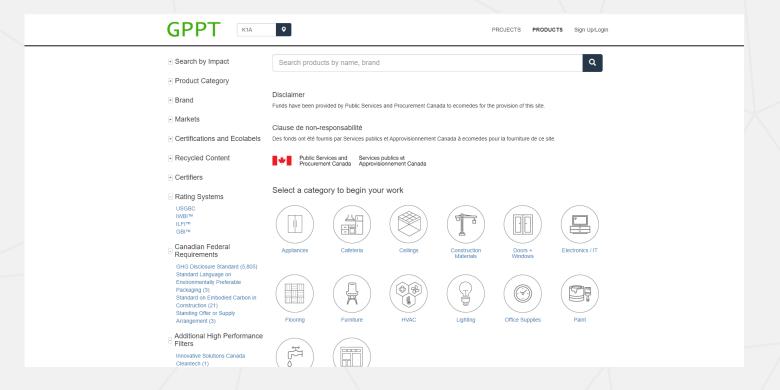
- Enable PSPC to meet its responsibilities under the Policy on Green Procurement to provide verified and up-to-date environmentally preferable options to client departments
- Align green procurement requirements with the U.S. and other public procurers to better signal market demand
- Increase green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

Introduction to ecomedes



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

Data Collection & Curation

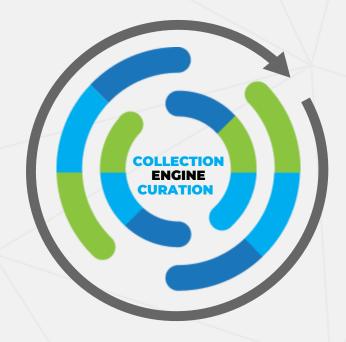


Data Enrichment

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

7

Automated Alignment & Analysis drives marketplace empowerment

Sustainability Impact Frameworks

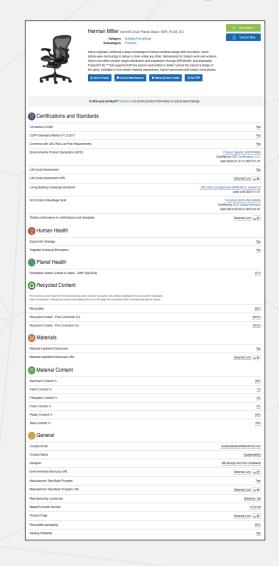




Green Project & Procurement Frameworks

Digitally Vetted
Compliant Product
Catalogs are needed
to meet project and
procurement demands

Automated Alignment & Analysis delivers data driven decision making



Sustainability Impact Frameworks



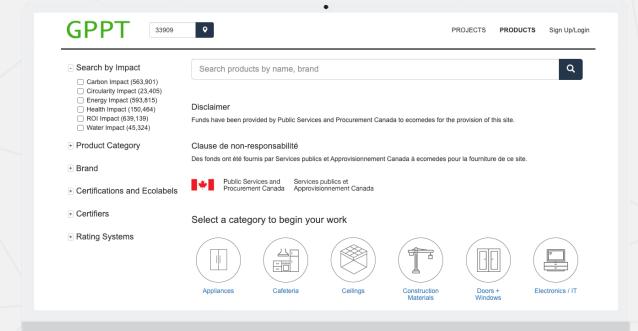
Green Project & Procurement Frameworks

Product Alignment & Compliance:

Materiality
Transparency
Circularity
Health
Carbon
Energy
Water
Social

LEED WELL LBC GG SFTool mM

Platforms configured for Institutional Buyers



Canada.ecomedes.com

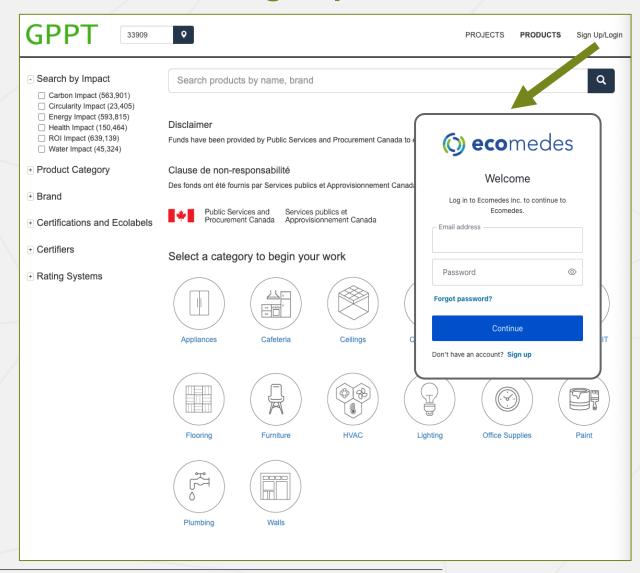
How Does this Help You?

- 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

Pilot Account Sign-up

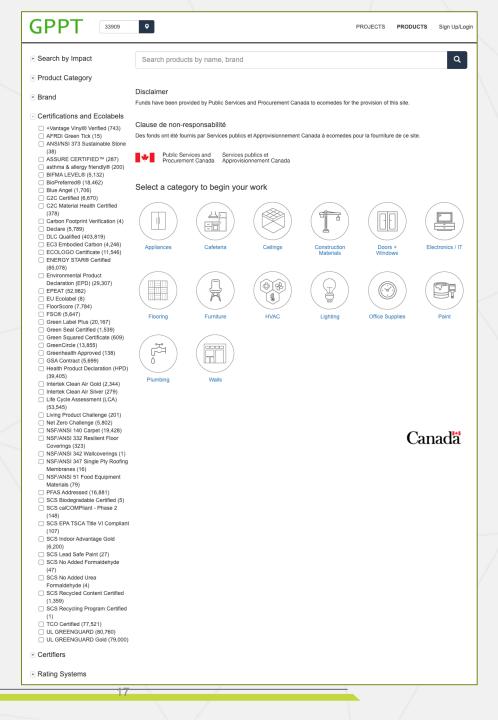


Simple Signup takes 1 minute & saves 100s of hours per year

- The Platforms are typically open to anyone that 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

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



Search & Discovery: Driven by Data

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

- **Product Category**
 - Flooring (30,056)
- **Certifications and Ecolabels**
 - ANSI/NSI 373 Sustainable Stone (15)
 - ASSURE CERTIFIED™ (5)
 - asthma & allergy friendly® (85)
 - BioPreferred® (9,357)
 - C2C Certified (6,085)
 - Declare (976)
 - EC3 Embodied Carbon (1,451)
 - Environmental Product Declaration (EPD) (19,967)
 - FloorScore (5,187)
 - Green Label Plus (19,986)
 - Green Squared Certificate (581)
 - GreenCircle (12,957)
 - Health Product Declaration (HPD) (20,467)
 - Life Cycle Assessment (LCA) (244)
 - Living Product Challenge (171)
 - NSF/ANSI 140 Carpet (19,437)
 - NSF/ANSI 332 Resilient Floor Coverings (241)

DEAS Addragged (6 803)

GPPT

+ Search by Impact

+ Product Category

+ Brand

+ Product Subcategory

Certifications and Ecolabels

□ ASSURE CERTIFIED™ (7)

☐ BioPreferred® (9,357) ☐ C2C Certified (6,085)

□ Declare (976)

asthma & allergy friendly® (85)

C2C Material Health Certified (1)

☐ EC3 Embodied Carbon (743)

Declaration (EPD) (19,253)

☐ Green Label Plus (19,985) ☐ Green Squared Certificate (581)

☐ Greenhealth Approved (3) ☐ GSA Contract (4,699)

☐ Intertek Clean Air Gold (23) ☐ Life Cycle Assessment (LCA)

☐ Living Product Challenge (171)

☐ NSF/ANSI 140 Carpet (19,438)

☐ NSF/ANSI 332 Resilient Floor

☐ SCS Indoor Advantage Gold (28)

☐ SCS Recycled Content Certified

☐ UL GREENGUARD Gold (261)

Coverings (241)

PFAS Addressed (6,803)

☐ UL GREENGUARD (41)

☐ Health Product Declaration (HPD)

☐ Environmental Product

☐ FloorScore (5,034)

☐ GreenCircle (12,957)

(20,470)

☐ +Vantage Vinyl® Verified (553) ☐ ANSI/NSI 373 Sustainable Stone



19422

Sign Up/Login

Products w/image

Search products by name, brand

1 - 18 of 29,202 results

View Comparison

Filters: Building Finishes X Carpet X Floor Coverings (Non-Carpet) X Floor Tiles X Floor Tiles (Heavy Duty/Commercial) X Flooring X Vinyl Tile X Floor Tile X



Moland

Bastion Wideplank Design 5,2/0..

Category Building Finishes Subcategory Floor Coverings (Non-Ca.. add to ▼ documentation





Lonseal

LONSTRAND® TOPSEAL

Category Building Finishes Subcategory Floor Coverings (Non-Ca.. add to ▼ documentation







Cobalt Surfaces

Tangent LVT 2.0 mm Glue Down

Category Building Finishes Subcategory Floor Coverings (Non-Ca... add to ▼ documentation





Cobalt Surfaces

Tangent LVT 4.0 mm Click

Category Building Finishes Subcategory Floor Coverings (Non-Ca.. add to ▼ documentation



Cobalt Surfaces

Tangent LVT 4.0 mm Loose Lay

Category Building Finishes Subcategory Floor Coverings (Non-Ca... add to ▼ documentation





Cobalt Surfaces

Tangent LVT 5.0 mm Loose Lay

Category Building Finishes Subcategory Floor Coverings (Non-Ca... add to ▼ documentation

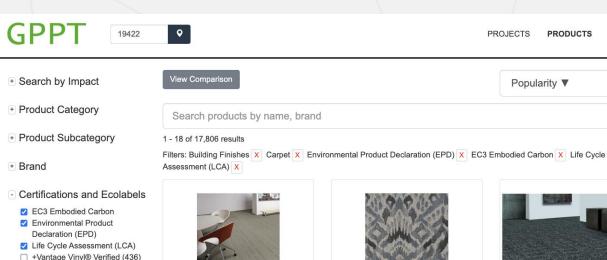


UL GREENGUARD Gold (261)

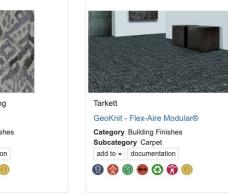
Search & Discovery: Driven by Data

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

- Product Category / Subcategory / Type Refinement
 - Flooring (30,056)
 - Carpet (17,806)
- Certifications and Ecolabels Refinement
 - Carbon Data
 - EC3 (593)
 - Environmental Product Declaration (17,756)
 - Life Cycle Assessment (185)
- You can further refine your search by EPD Kinds
 - All (17,756)
 - Product Specific (1,263)
 - Product Specific EPD (16,543)









ASSURE CERTIFIED™ (11)asthma & allergy friendly® (111)

☐ BioPreferred® (7.102)

C2C Certified (3,858)Declare (411)

☐ GreenCircle (10,703)

☐ GSA Contract (4,882)
☐ Health Product Declaration (HPD)

(32.046)

+ 3rd Party Verified

Product Specific (1,263)

Product-Specific (3)

Product Specific EPD (16,543)

EPD Kinds

All (17.756)

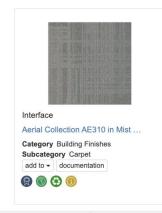
+ Certifiers

☐ Green Label Plus (16,970)

Greenhealth Approved (3)

□ SCS Lead Safe Paint (28)□ SCS Recycled Content Certified

□ NSF/ANSI 140 Carpet (16,895)□ PFAS Addressed (10,522)

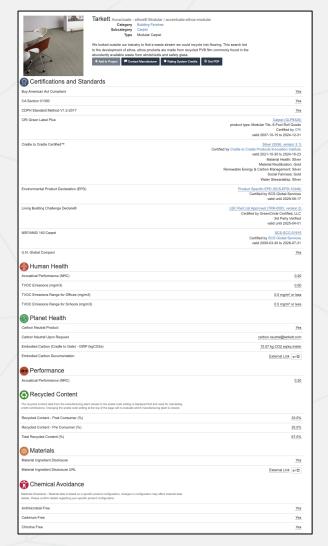




Sign Up/Login

Q

Rich Product Data at your fingertips









CRI

GLP8320 This product complies with California DPH Section 01358 Version 1.2 A USCINCE recognized third part perforation program for LEED vo

ANAB





INTERNATIONAL LIVING FUTURE INSTITUTE* living-future.org/declare

TRK-0003 EVP 01 APP 2025 Original Issue Date: 2016

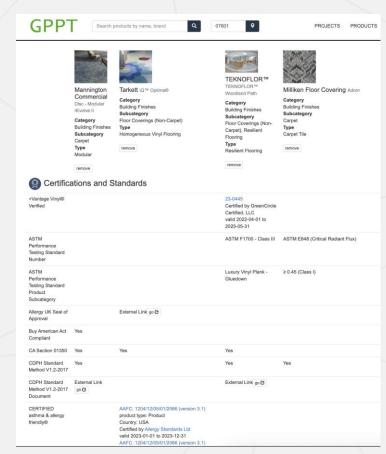
11 Hyperlinks to external ecoDATA resources to support decision making:

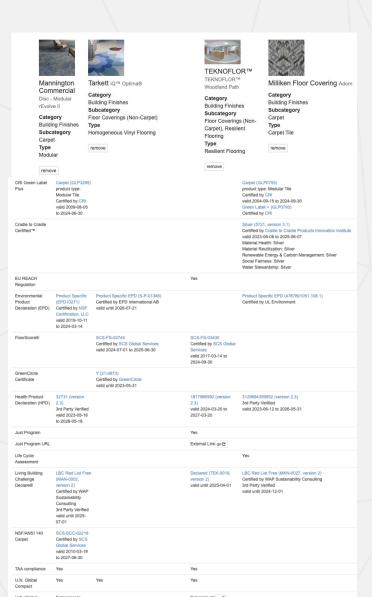
- Certification and Standards
 - CRI Green Label Plus
 - Cradle to Cradle
 - Living Building Challenge Declare
 - NSF/ANSI 140 Carpet
- Human Health
 - TVOC
- Perfoamnce
 - Acoustical Performance
- Recycled Content
- Materials
 - Material Ingredient Disclosure URL
- Chemical Avoidance
 - Free of 10 Critical Chemicals
- Manufacture Product Page Resources

Product Comparisons available in seconds

Data Driven Analysis

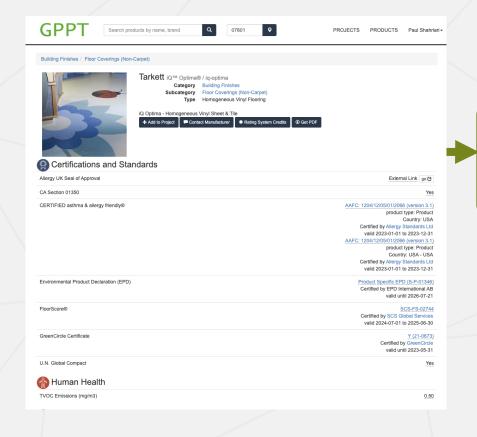
- 7 Products Side by Side
- Apples to Apples
- 60+ Unique Product Attributes
 - Certifications and Standards
 - Human Health
 - Planet Health
 - Recycled Content
 - Materials
 - General

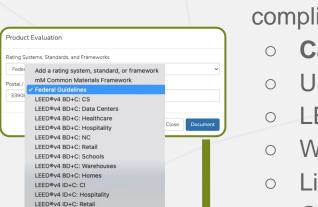




Compact URL

Platform Tour **Product Analysis & Documentation**





LEED®v4 BD+C: Multifamily Midrise

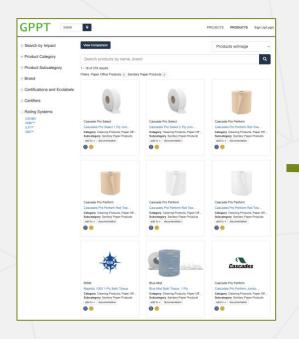
- Products and Projects can be analyzed and documented through a wide variety of compliance and contribution methodologies:
 - **Canadian Green Procurement Rules**
 - US Federal Guidelines GPC
 - LEED
 - WELL
 - Living Building Challenge
 - GreenGlobes
 - mindfulMATERIALS

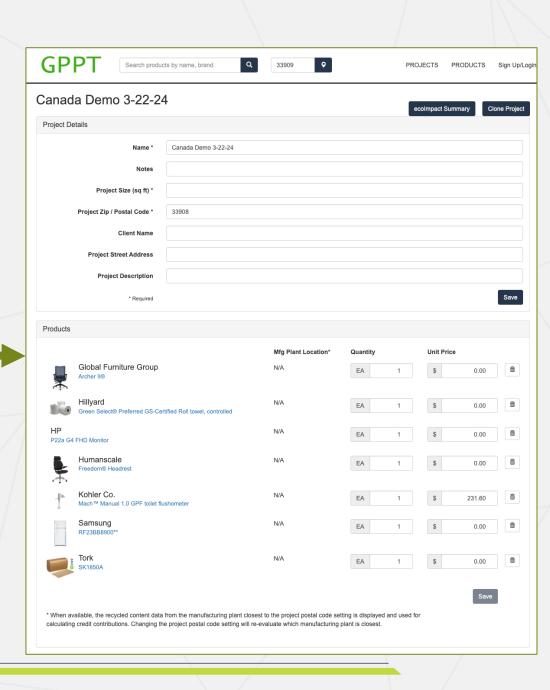
Rating System Contributions Prederal Guidelines ^ GPC Federal: Building Finishes / Floor Coverings (Non-Carpet) Compliant

Platform Tour Creating a Project

Analyzing Compliance across multiple product categories, brands and a wide array of products

- Select Products from Search Results or on Product Page
- 2. Utilize Add To: Project Button
- 3. Create New Project or add to Existing Project you have
- 4. Add all products you would like to analyze and document impact into your project
- 5. Edit Project Details
- 6. Edit Qty & Price
- 7. Select Rating System(s)
- 8. Click Evaluate
- Your Full Report will be ready in a couple of seconds





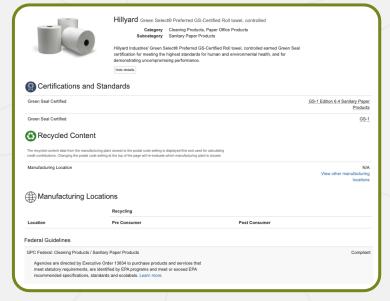
Platform Tour Project / Procurement Documentation in a single click

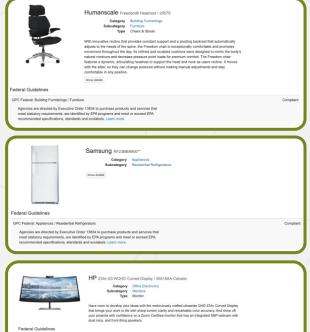


	Product	Mfg Plant Location	Quantity	Total Cost
*	Humanscale Freedom® Headrest	Piscataway, NJ, USA Dublin, IE Jiaxin, CN	1	\$0
*	Global Furniture Group	-	1	\$0
	Samsung RF23BB8900**	-	1	\$0
test	HP P22a G4 FHD Monitor	_	1	\$0
Ť	Kohler Co. Mach™ Manual 1.0 GPF toilet flushometer	_	1	\$0
Bije	Hillyard Green Select® Preferred GS-Certified Roll towel, controlled	_	1	\$0
	Tork SKI850A	-	1	\$0

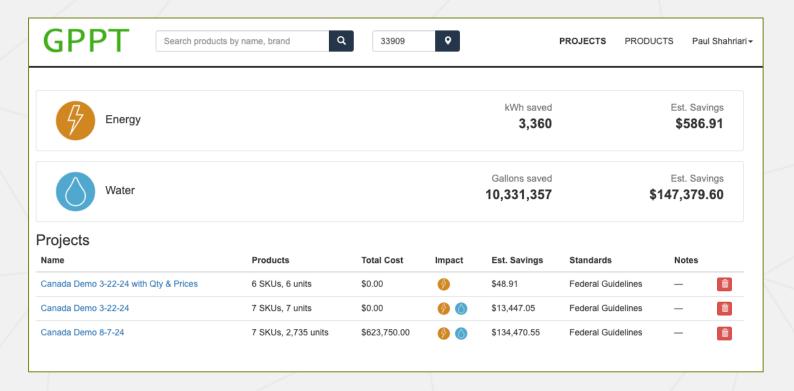
Prederal Guidelines	^
GPC Federal: Plumbing Systems / Flush Valves	Partially Compliant
GPC Federal: Building Furnishings / Furniture	Partially Compliant
GPC Federal: Appliances / Residential Refrigerators	Partially Compliant
GPC Federal: Cleaning Products / Sanitary Paper Products	Partially Compliant

All Products included in the project/procurement have their individual product pages included in the documentation with their individual compliance and contribution to Federal Guidelines + LEED, WELL, etc.

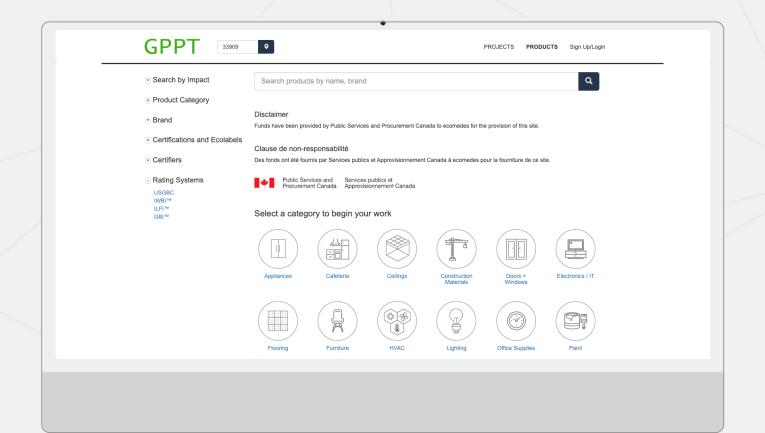




Platform Tour User Impact Dashboard



- Each registered User has the ability to manage their saved projects.
- Each project holds:
 - Products and the associated data
 + Qty & Unit Price with Total Cost.
 - Green Evaluation Programs
 Selected for evaluation
 - Estimated Savings associated with Energy and Water Savings over the analysis period for each project
- Overall Energy and Water Savings are rolled up for the user.





- 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















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

Flooring: Carpet

Last Updated: 07/31/24



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.

Polyester Carpet Face Fiber

Statutory Purchasing Program Requirements:



(7% minimum biobased content)



(25-100% recovered polyethylene terephthalate; including 25-100% postconsumer content)

Required EPA Purchasing Programs:



Cradle to Cradle Certified (C2C) 🖪 (Addresses

PFAS)



GECA Floor Coverings 🗗



NSF 140 🗗



CRI Green Label Plus Program 🗗



Ecologo/UL 2818 GREENGUARD Certification





Declare. International Living Futures Institute:

Declare (Addresses PFAS)



No federal source identified

FLOORING U.S. GSA Required	Certification Logo	Relevant Sub- category	Biodiversity	GHG Emission & Air Quality	Hazardou s Waste	Resource Efficiency	Ozone Depleting	Toxic, Hazardous Chemicals	Solid Waste / Reuse & Recycling	Biobased Content
Cradle to Cradle (C2C)	crafle to crafle	Carpet, Tiles & Hardwood				✓		✓	✓	
GECA Floor Coverings	GECA	Carpet, Tiles & Hardwood	✓		✓			✓	✓	
CRI Green Label Plus Program	681 681 681 681 681 681 681 681 681	Carpet		✓				✓		
UL GREENGUARD - UL2818	CREWGUARD THE WORLD THE W	Carpet, Tiles & Hardwood		✓				✓		
Global Recycled Standard	Global Recycled Standard	Carpet		✓	✓	✓		✓		
GreenCircle Certified	Green Criste CERTIFIED	Tiles & Hardwood		✓		✓			✓	
Floor Score	score ************************************	Tiles & Hardwood		✓				✓		
SCS Indoor Advantage Gold	COOK AN COUNTY	Tiles & Hardwood		✓				✓		
Intertek Clean Air Gold Certificate	intertek sustainability	Tiles & Hardwood		✓				✓		
MAS Certified Green	CERTIFIED	Tiles & Hardwood		✓				✓		
Declare	Declare.	Carpet, Tiles & Hardwood						✓		

FLOORING

U.S. Non-GSA

Canadian and Other Ecolabels, Certifications and Standards

Relevant Sub-Category

Asthma & Allergy Friendly



Carpet

EC3 Embodied Carbon (3rd party verified EPDs)



Carpet & Tiles

Environmental Product Declaration (EPD)



Carpet, Tiles & Hardwood

Health Product Declaration (HPD)



Carpet, Tiles & Hardwood

Life Cycle Assessment (LCA)



Carpet, Tiles & Hardwood

Living Product Challenge





Tiles & Hardwood

Green Squared Certificate



Carpet, Tiles & Hardwood

Total Recycled Content – Pre and Post-Consumer (%)



Vantage Vinyl Verified



Carpet

ASSURE CERTIFIED

Tiles

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

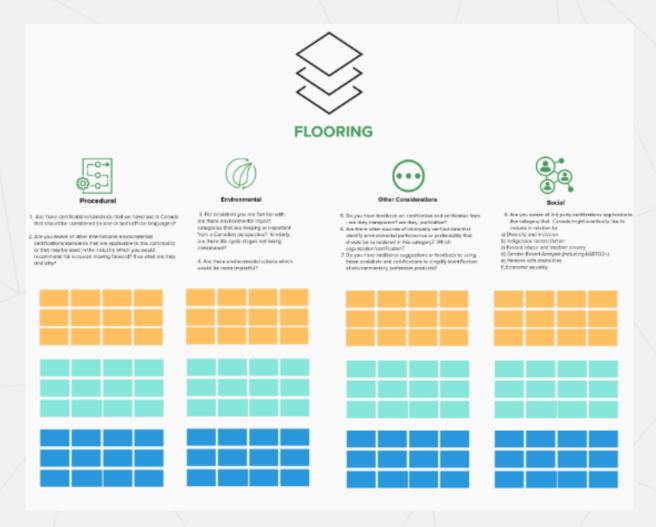
Chatham House Rule

- 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





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

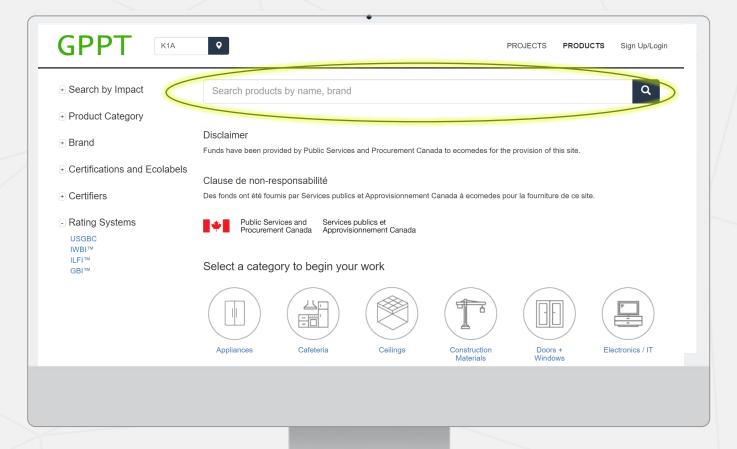
- □ Draft filter language along with market data availability shared with procurement teams for review
- PSPC shares the draft filter pilot requirements and data structure back with stakeholders for feedback prior to Sn. management decision (*if possible)

Stage 3: ecomedes launches pilot product filters into canada.ecomedes.com

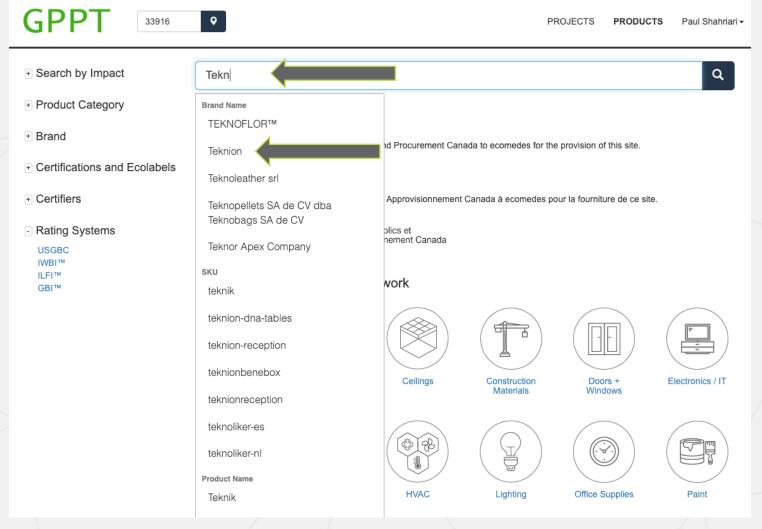
- Onboard the registries of certified products or programs where performance testing can be verified
 - these go into the large ecomedes database used in the U.S. also
- Manufacturers can enrich their product data with more attributes

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

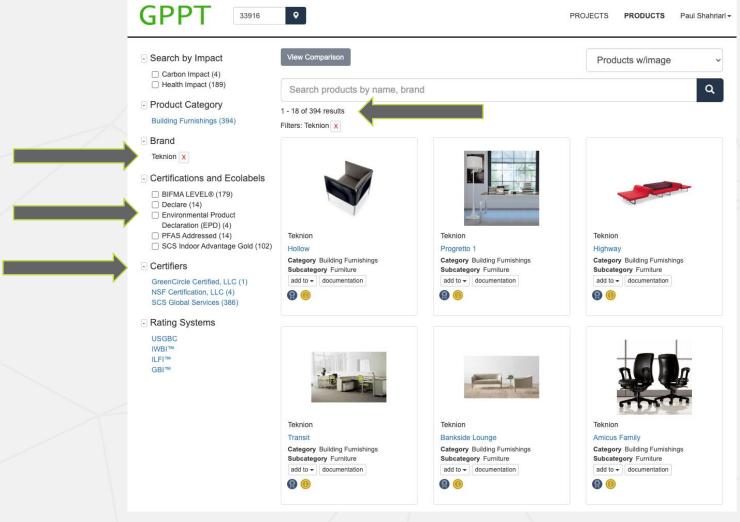
Search for your brand/company products



Search for your brand/company products



Search for your brand/company products



Product onboarding frequently asked questions

Question: Are my products on the portal?
☐ The GPPT tool is available for use for free. If you want to know if your products are on the portal, try
searching for them at <u>Canada.ecomedes.com</u>
Question: If my products are not on the GPPT, how do onboard them?
☐ Ensure that your product(s) are certified by widely available and generally accepted sustainability
standards for the product categories you participate in.
Once above is true ecomedes will automatically pull your products into the GPPT tool through the certifications.
☐ Ecomedes is in the process of pulling in Canadian certifications and registries e.g. ENERGY STAR Canada,
the Net Zero Challenge, etc.
Question: How do I add additional product level data to products?
☐ Brands/Vendors can enrich their product catalog by uploading additional data elements like:
☐General brand/product data (i.e. images, product descriptions, links back to product pages)
☐ Manufacturer location (e.g. in Canada)
☐ Product performance and additional Canada- specific ecolabels/certifications or clean tech program
not currently found on Canada.ecomedes.com This will be accomplished by utilizing an Excel /
Google Sheets data enrichment template.
☐These templates will be distributed to vendors once the recommended product category filters and clean tech programs are finalized.

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!



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