

# Green Public Procurement Tool for Federal Assets Initiative - General Information Session

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Green database tool pilot



Tuesday February 4, 2024, 1-2PM EST



Public Services and  
Procurement Canada

Services publics et  
Approvisionnement Canada

Canada

# Today's Objectives:

- ◆ General information sharing about the Green Public Procurement Tool for Federal Assets Initiative (the “GPPT”) – what it is and what it's trying to do
- ◆ Provide an overview of the GPPT database tool and what its capabilities are
- ◆ Q & A

# Today's Agenda

Time	Content	Speaker
1:00-1:15	Welcome & PSPC overview	Caroline Landry, Executive Director, PSPC Acquisitions Program  Stefanie Bowles, Manager, Green and Clean Technology Procurement Technical Team, Acquisitions Program
1:15-1:30	Supplier and stakeholder engagement overview	Katie Motta, Director, Circular Innovation Council
1:30-1:45	Platform overview of the pilot Canadian version of the database: search filters and requirements	Paul Shahriari, Founder and Chief Innovation Officer, ecomedes
1:45-1:50	Closing Remarks	Stefanie Bowles
1:50-2:00	Questions and answers	
<b>Duration: 1 hour</b>		

# Public Services and Procurement Canada: Overview

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

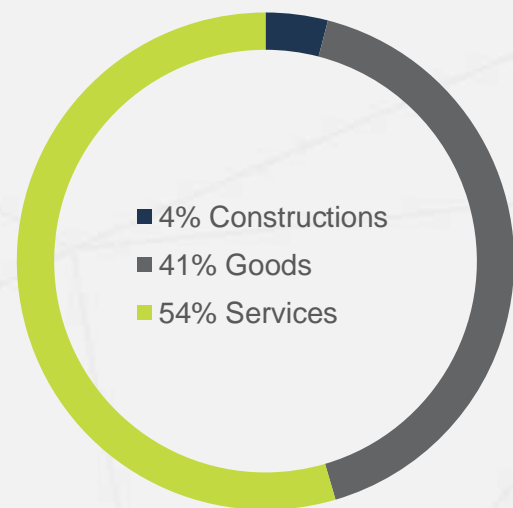
**Vision:** to excel in government operations

**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

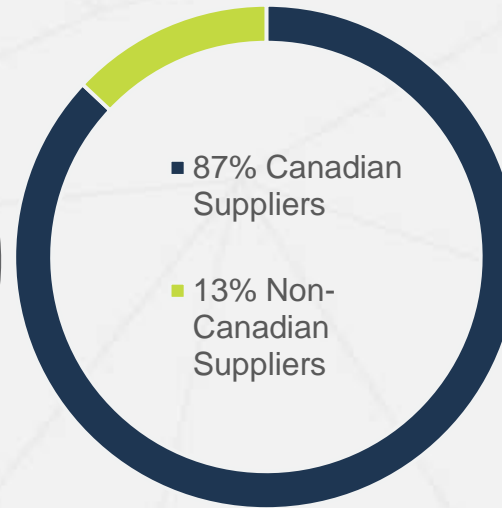
The GoC owns approx. 32,000 buildings, 20,000 engineering assets and 40,000 fleet and is the largest asset owner in Canada.

Average Annual Value of Federal Procurement over 3 Fiscal Years: 2020-2021 to 2022-2023

**\$25.2B** Contracts Awarded via PSPC's Acquisitions Program<sup>1</sup>



<sup>1</sup>PSPC Business Analytics Services Directorate 2024

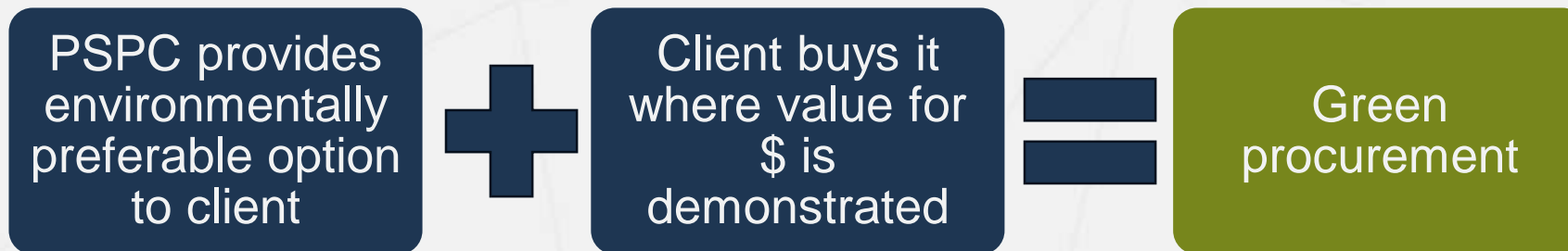


**\$9B** Contracts Awarded via Other Federal Governments<sup>2</sup>

<sup>2</sup>Open Canada 2024

# 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.”

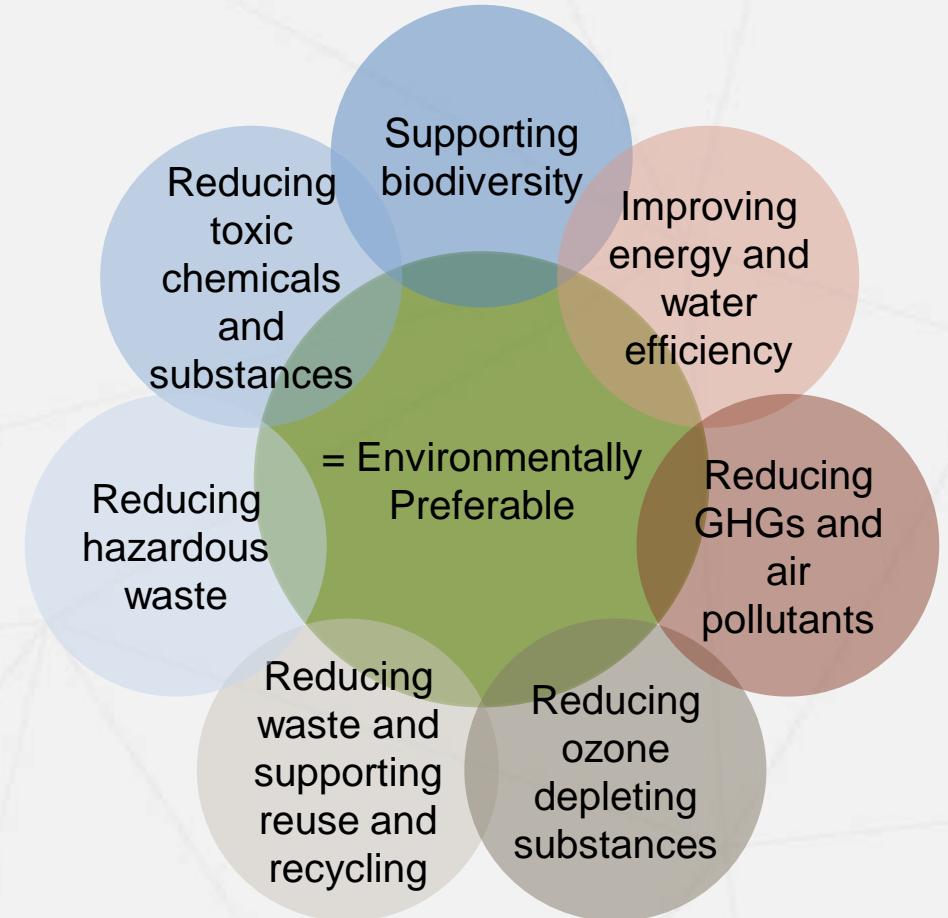


# Definition of “Green” or environmentally preferable

*“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:

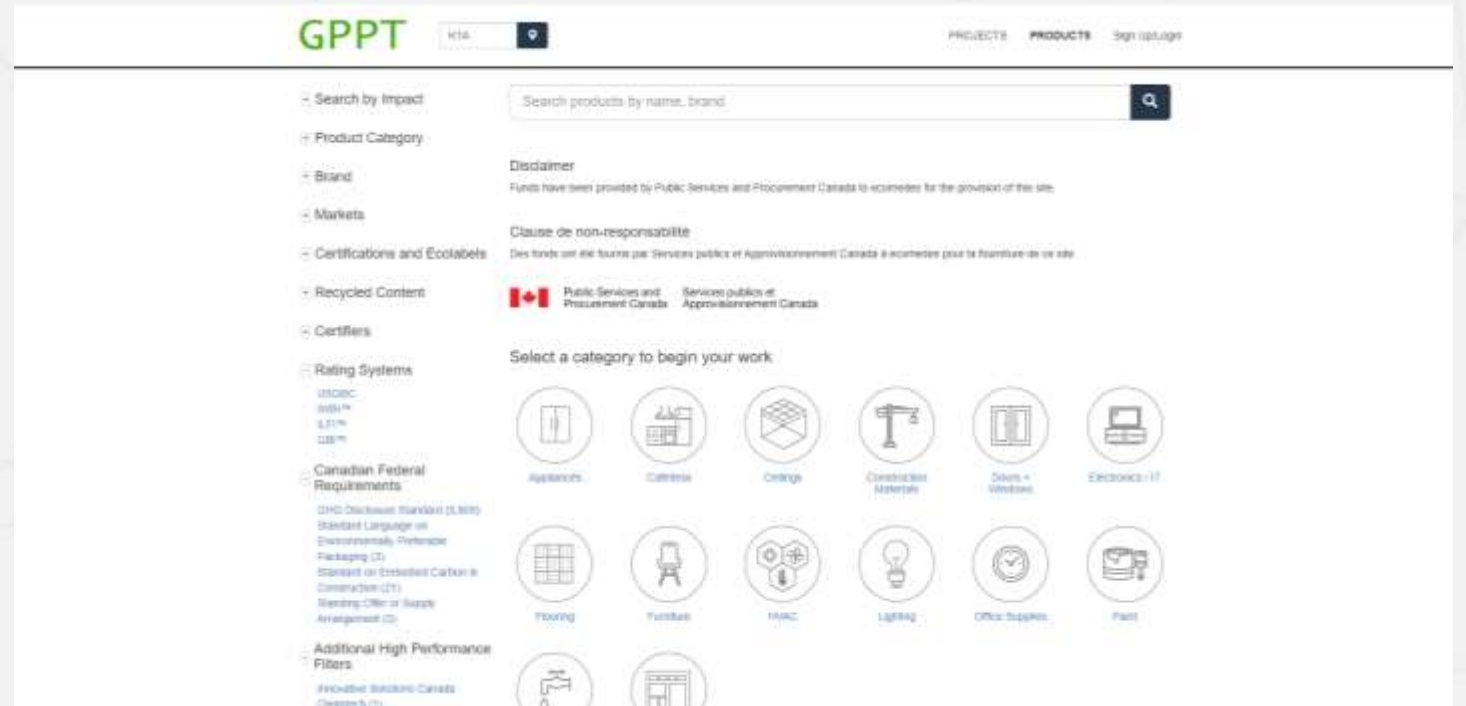
- ◆ Enable PSPC to meet its responsibilities under the Policy on Green Procurement to provide verified and up-to-date environmentally preferable options to client departments
- ◆ Align green procurement requirements with the U.S. and other public procurers to better signal market demand
- ◆ Increase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



# Configuring a Canadian GPPT

## 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





# GPPT Timeline

Year 1:  
2023-24

- Project kick-off with supporting Contractors (ecomedes, Circular Innovation Council, MaRS)
- Build Core Internal Project Team
- Develop assessment framework
- Initiate stakeholder engagements (five category groups)

Year 2:  
2024-25

- Customize database for Canada with existing federal procurement requirements:
  - GHG Disclosure
  - Packaging
  - Clean Tech
- Develop & obtain approval for category-specific filter recommendations for 5 category groups and code into database
- Conduct stakeholder engagement on 12 category groups

Year 3:  
2025-26

- Develop & obtain approval for stakeholder-informed category-specific filter recommendations for 10 category groupings and code into database
- Launch official website in both official languages
- Continue to onboard domestic suppliers, manufacturers and firms

Year 4 and beyond

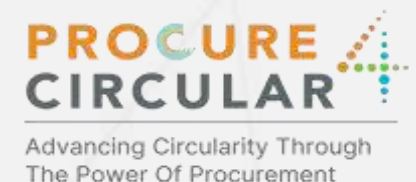
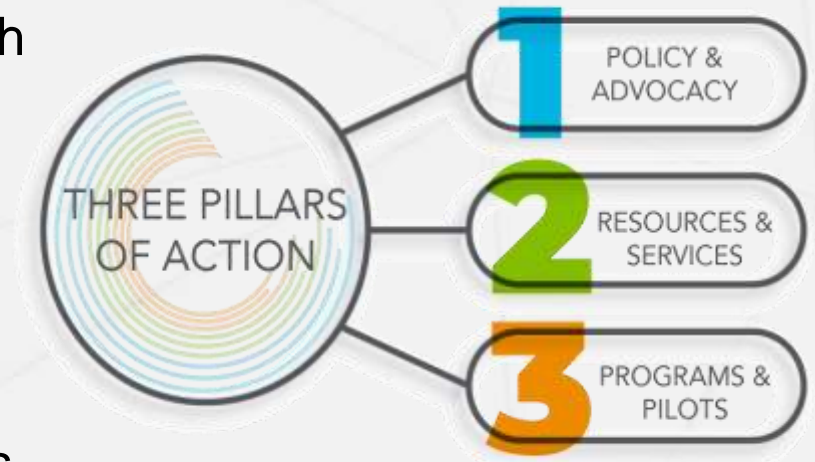
- Secure source of funding to continue this initiative!

# 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



- 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

# Methodology

- ◆ The assessment of domestic product category filters includes procedural, economic, environmental, social considerations

## Procedural

- Process for developing the certification
- Were Canadian Stakeholders involved?
- Relationship to international standards
- Other Canadian Certifications
- Verifying bodies
- Costs /Fees

## Economic

- Market penetration
- Market readiness
- Current certifications in use

## Environmental

- Consideration of multiple impacts
- Consideration of life cycle impacts
- Key environmental criteria considered

## Social

Consideration in certifications of:

- Diversity and inclusion
- Indigenous reconciliation
- Labour practices
- Persons with disabilities
- Economic equality

# Stakeholder Consultations

- ◆ Strive to engage with diverse stakeholders to capture a wide variety of insight and perspectives to support the legitimacy of the customization of the GPPT for Canada.
- ◆ Stakeholders comprised of:
  - ◆ Active suppliers registered with Government of Canada
  - ◆ CIC's business contacts and wider network

## Key Objectives

- ◆ Gather insight on eco and third-party certifications for each product category
- ◆ Solicit feedback on the benefits and obstacles of such ecolabels/ and certifications
- ◆ Identify additional certifications, standards and ecolabels that should be considered
- ◆ Solicit recommendations and considerations for the GPPT tool

# 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



# Virtual Consultation Dates continued

Product Category	Subcategories	Consultation Dates
Cleaning Products	Glass Cleaners, Floor Cleaners, Hand Cleaners, General Purpose	February 12, 2025
Lighting	Lighting and Ceiling Fans (e.g., Light Bulbs, Fixtures, Horticulture Lighting)	February 18, 2025
HVAC & Plumbing	HVAC (e.g., Air Conditioning, Heat Pumps, Water Heaters) Plumbing Systems (e.g., Faucets, Toilets, Shower heads, Accessories)	February 26, 2025
Others TBC		

**To register, visit:**

<https://circularinnovation.ca/pspc-consultation-sessions-and-registration/>



# 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
    - Creating a Project/Procurement for Analysis & Documentation
    - User Impact Dashboard
- Q&A

# 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

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

# Ecomedes Technology

Automated Alignment & Analysis delivers data driven decision making



9  
Certs /  
Standards  
25  
Additional  
Data Points

## Sustainability Impact Frameworks



## Green Project & Procurement Frameworks

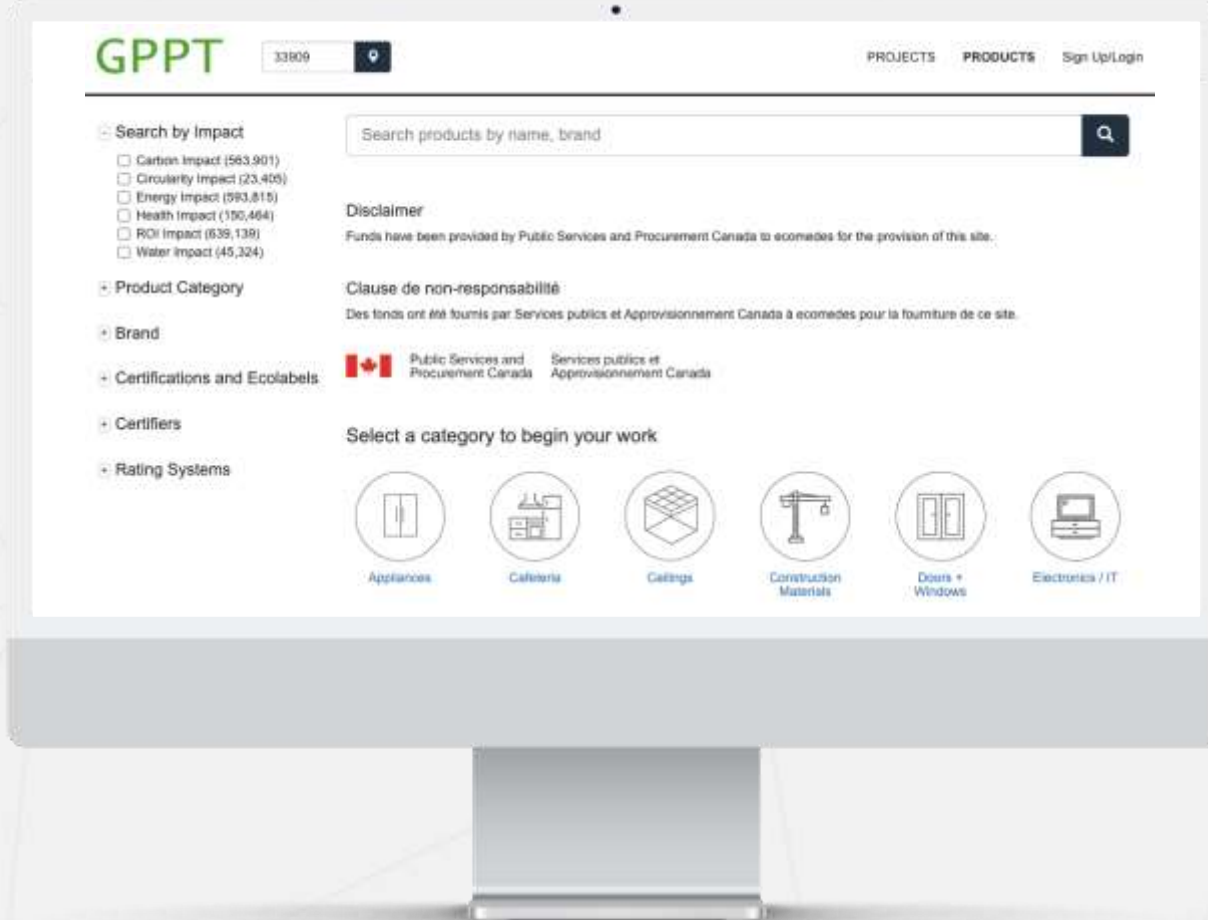
**Product Alignment & Compliance:**

- Materiality
- Transparency
- Circularity
- Health
- Carbon
- Energy
- Water
- Social

LEED  
WELL  
LBC  
GG  
SFTool  
mM

# Ecomedes Technology

## Platforms configured for Institutional Buyers



[Canada.ecomedes.com](https://Canada.ecomedes.com)

### How Does this Help You?

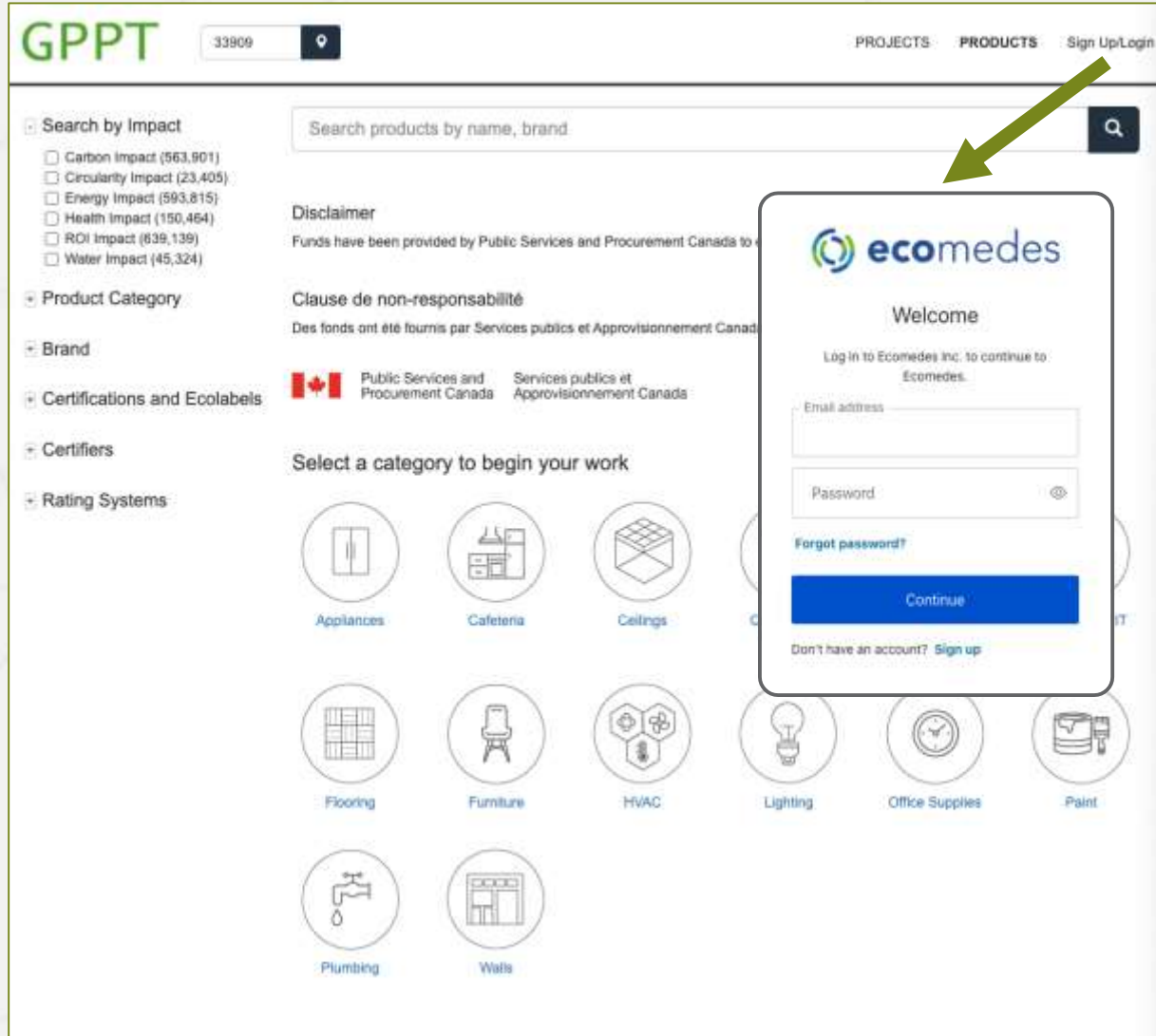
- The platform was designed to save you time
- Increase Green Procurement within Government
- Streamline Green procurement reporting for Agencies and Departments

### 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. A green arrow points from this search bar to a sign-up modal window that is overlaid on the page. The modal window 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'. The background of the website shows a sidebar with filters for 'Search by Impact', 'Product Category', 'Brand', 'Certifications and Ecolabels', 'Certifiers', and 'Rating Systems'. The main content area displays a grid of product categories represented by icons: Appliances, Cafeteria, Ceilings, Flooring, Furniture, HVAC, Lighting, Office Supplies, Paint, Plumbing, and Walls.

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

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

- **Product Category**
  - Furniture (40,765)
- **Certifications and Ecolabels**
  - BIFMA LEVEL® (4,995)
  - C2C Certified (21)
  - Declare (330)
  - EPD (197)
  - FSC® (645)
  - Health Product Declaration (HPD) (425)
  - Intertek Clean Air
  - Life Cycle Assessment (LCA) (72)
  - Living Product Challenge (30)
  - PFAS Addressed (1,658)
  - SCS Indoor Advantage Gold (7,898)
  - UL GREENGUARD (27,893)

The screenshot shows the GPPT (Green Product Platform) search interface. The top navigation bar includes the GPPT logo, a search bar with the number '33909', and links for 'PROJECTS', 'PRODUCTS', and 'Sign Up/Login'. The main search area features a search bar with the text 'Search products by name, brand' and a search button. Below the search bar, it indicates '1 - 18 of 43,709 results' and shows active filters for 'Building Furnishings' and 'Furniture'. The left-hand navigation menu is expanded to show 'Certifications and Ecolabels' with a list of 20 options, each with a checkbox and a count. The main product grid displays six items, each with an image, a name, a brand (KI), a category, a subcategory, and an 'add to' button with a 'documentation' link. The items are: 1. Don't Stack Chairs (Building Furnishings, Furniture); 2. LimeLife Stack Chairs (Building Furnishings, Furniture); 3. Maestro Stack Chairs (Building Furnishings, Furniture); 4. Ruckus Stack Chairs (Building Furnishings, Furniture); 5. Strive Stack Chairs (Building Furnishings, Furniture); 6. Katera Cafe Stools (Building Furnishings, Furniture). Each product card also features a row of certification icons.

# 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 (Green Product Platform) search interface. The top navigation bar includes the GPPT logo, a search bar with the text '3309', and links for 'PROJECTS', 'PRODUCTS', and 'Sign Up/Login'. The main search area is titled 'Search by Impact' and includes a 'View Comparison' button and an 'Impact Score' dropdown menu. Below this is a search bar with the placeholder text 'Search products by name, brand' and a search icon. The results are displayed in a grid of product cards, each showing a chair image, the brand name (Humanscale), the product name (e.g., 'Freedom® Task Chair'), the category and subcategory, and a set of certification icons. The left-hand navigation panel is expanded to show filters for 'Product Category', 'Product Subcategory', 'Product Type', 'Product Subtype', 'Brand', 'Certifications and Ecolabels', 'BIFMA LEVEL®', 'Certifiers', and 'Rating Systems'. The 'Brand' filter is highlighted with a green arrow pointing to the brand list on the right.



# Platform Tour

## 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

The screenshot shows the GPPT (Green Product Platform) interface. At the top, there's a search bar and navigation options. Below, four product cards are displayed side-by-side, each with an image and key attributes like 'Category', 'Subcategory', and 'Type'. The main focus is a 'Certifications and Standards' table that compares various products across multiple criteria.

Attribute	Product 1 (Humanscale)	Product 2 (Herman Miller)	Product 3 (Allsteel)	Product 4 (KI)
APFED Green Tick Certificate	9 / 100 (19723) Certified by Furntech valid until 2024-12-04			
BIFMA LEVEL 5 Certificate	LEVEL 5 (SCS-SCP-49100) Certified by SCS Global Services valid until 2024-05-21 to 2024-10-31	LEVEL 5 (SCS-SCP-118) Certified by NSF Certifications, LLC valid until 19-17 to 2024-10-31	LEVEL 5 (SCS-SCP-28621) Certified by SCS Global Services valid until 2024-06-01 to 2025-03-31	LEVEL 1 (LE) (FSCS-2024M) Certified by Intertek valid until 2024-05-21 to 2024-12-15
BIFMA LEVEL 6 Declaration: Product Grouping Methodology	Worst Case Sample Selection			
BIFMA LEVEL 6 Realization		None		None
CA Section 01300	Yes	Yes	Yes	
ICCPC Standard Method V1.2 - BTT	Yes	Yes	No	Yes
Conforms with LBC Net-LEED Peak Requirements	Yes	Yes		
Environmental Product Declaration (EPD)		Product Specific (EPD 19431) Certified by NSF Certifications, LLC valid until 2024-01-31 to 2027-01-31 Product Specific (EPD 27921 0431)		
FSC® optional			Yes	
GreenMark Approved			Yes	
GreenMark Approved LFL				External Link (pdf)
Health Product Declaration (HPD)	SDS0272427004 (Health X 1) valid until 2024-07-28 to 2024-07-28			
Life Cycle Assessment	Yes			
Life Cycle Assessment LFL				External Link (pdf)
Life Cycle Assessment Verified by 3rd Party	No			
Living Building Challenge (LBC) Design Challenge	LBC: Red List Free (249C-2046) version 2.0 Certified by SHoP Sustainability Consulting 3rd Party verified valid until 2024-03-01			
Living Product Challenge	Living Product Challenge Certified by International Living Future Institute valid until 2025-10-01			
SCS Indoor Advantage			Furniture (SCS-IND-03162) Certified by SCS Global Services valid until 2024-06-01 to 2025-06-01	
SCS Indoor Advantage Gold	Furniture (SCS-IND-03162) Certified by SCS Global Services valid until 2024-05-11 to 2024-10-31	Furniture (SCS-IND-03161) Certified by SCS Global Services valid until 2024-05-11 to 2024-10-31	Furniture (SCS-IND-03161) Certified by SCS Global Services valid until 2024-05-11 to 2024-10-31	
Twilio conformance to certifications and standards	External Link (pdf)	External Link (pdf)		

The screenshot shows the BIFMA Compliant product comparison interface. It features a grid of product cards at the top, followed by a 'BIFMA Compliant' section with a table of attributes and a 'Recycled Content' table.

Attribute	Product 1 (Humanscale)	Product 2 (Herman Miller)	Product 3 (Allsteel)	Product 4 (KI)
BIFMA Compliant	ANSI/BIFMA X5.1 General Purpose Office Chairs	Complete		
Human Health				
Ergonomic Strategy	Yes	Yes		
Healthy Habits Documentation	Yes			
Tanned Chemical Elimination		Yes	No	Yes
Tanned Chemical Elimination Exemptions				Choose PFO/PVDF free fabric
Tanned Chemical Elimination LFL			External Link (pdf)	
Tanned Chemical Elimination Verified		Yes		
Planet Health				
Design for Flexibility and Inclusivity				Yes
Embodied Carbon (Cradle to Cradle - HAP) (kgCO2e)		88		
Recycled Content				
Recyclable	80%	91%		
Recycled Content - Post Consumer (%)	34.0%	46.0%	26.0%	38.0%
Recycled Content - Pre Consumer (%)	14.0%	20.0%	3.4%	18.0%
Total Recycled Content (%)			31.4%	57.2%
Materials				
Bio-Based Materials	0%			
Environmental Data Sheet			External Link (pdf)	External Link (pdf)
Material Ingredient Disclosure	Yes	Yes		
Material Ingredient Disclosure LFL		External Link (pdf)	External Link (pdf)	
Material Content				
Absenture Content %	49%		11%	
Fabric Content %			1%	
Fiberglass Content %			1%	
Fresh Content %			1%	
Foam Content %			2%	
Mat Content %		3%		
Plastic Content %	33%		29%	
Steel Content %	15%		10%	
Wood Content %	0%			

# Platform Tour

## Product Analysis & Documentation

**GPPT** Search products by name, brand  33009

PROJECTS PRODUCTS Sign Up/Login

Office Electronics Monitors

**HP Z34c G3 WQHD Curved Display / 30A18AA-Taiwan**  
 Category Office Electronics  
 Subcategory Monitors  
 Type Monitor

Have fun to develop your ideas with the meticulously crafted ultrawide QHD Z34c Curved Display that brings your work to life with sharp screen clarity and remarkable color accuracy. And show off your projects with confidence on a Zoom Certified monitor that has an integrated SMP webcam with dual mics, and front-facing speakers.

[Add to Project](#) [Contact Manufacturer](#) [Rating System Credits](#) [Get PDF](#)

**Certifications and Standards**

**ENERGY STAR® Certification** 2378407  
certified date 2021-04-23

**EPEAT Registration** [View](#)  
EPEAT Choice™  
37 out of 48 points  
Country: United States  
Certified by Green Electronics Council  
certified date 2021-11-01  
data last updated on 2024-07-09

**Life Cycle Assessment** Yes

**TCO Certified** [TCO Certified Display 9 \(D52310412, version 1\)](#)  
Certified by TCO Development  
valid 2023-09-02 to 2025-08-03

**Energy**

Annual Energy Use - TEC (kWh/yr)	91.88
Energy Use - Sleep Mode (Watts)	0.27
Energy Used (Watts)	29.37

**Recycled Content**

The recycled content data from the manufacturing plant is used in the portal code setting to display first and used for calculating credit contribution. Changing the portal code setting at the top of the page will re-evaluate which manufacturing plant is used.

Recycled Plastic (%)	87.8
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**Product Evaluation**

Rating System, Standard, and Framework

Type:

Model:

33009

- Add a rating system, standard, or framework
- m-M Common Materials Framework
- Federal Guidelines**
- LEED® v4 BD+C: CS
- LEED® v4 BD+C: Data Centers
- LEED® v4 BD+C: Healthcare
- LEED® v4 BD+C: Hospitality
- LEED® v4 BD+C: NC
- LEED® v4 BD+C: Retail
- LEED® v4 BD+C: Schools
- LEED® v4 BD+C: Warehouses
- LEED® v4 BD+C: Homes
- LEED® v4 ID+C: CI
- LEED® v4 ID+C: Hospitality
- LEED® v4 ID+C: Retail
- 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

**Federal Guidelines**

GPC Federal: Building Finishes / Carpet Compliant

Agencies are directed by Executive Order 13834 to purchase products and services that meet statutory requirements, are identified by EPA programs and meet or exceed EPA recommended specifications, standards and ecolabels. [Learn more.](#)

# Platform Tour

## Product Analysis & Documentation

Energy Performance Data leveraged into a simple yet powerful ROI Analysis for operational energy savings over time.

**HP Z46 G3 WQHD Curved Display** | 23.8" WQHD | 2560x1440 | 144Hz

**Category:** Office Displays  
**Subcategory:** Displays  
**Type:** Monitor

Have you been looking for a monitor with the industry's highest refresh rate? The HP Z46 Curved Display has everything you need to do with more speed, clarity and remarkable color accuracy. Available at your company with confidence on a Zero-Carbon Monitor that has an integrated TPM solution with dual chips, and featuring a bezel-less design.

**Certifications and Standards**

- ENERGY STAR Certified:** ENERGY STAR Certified since 2021-04-21
- ULCAT Registered:** ULCAT Certified™, 27 out of 46 points, Country: United States, Certified by Green Electronics Council, certified since 2021-11-01, EPEAT last updated on 2024-01-08
- TCO Certified:** TCO Certified (Display) in 2024 (TCO 19) version 1, Certified by TÜV (Development) since 2024-03-02 to 2029-06-01

**Energy**

Annual Energy Use (1000 kWh)	0.18
Energy Use - Stand Mode (kWh)	0.21
Energy (kWh)	26.37

**Recycled Content**

Recycled Plastic (%)	61.9
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**Energy Impact Calculator**

HP Z46 G3 WQHD Curved Display

Line graph showing energy savings over 10 years. The y-axis represents energy savings in kWh, ranging from -40,000 to 140,000. The x-axis represents time in years from 2024 to 2034. The graph shows a steady increase in savings over time, reaching approximately 130,000 kWh by 2034.

SAVINGS SUMMARY			
Monthly kWh Saved	7,009	Monthly Savings	\$1,186
Yearly kWh Saved	84,096	Yearly Savings	\$14,236
Total kWh Saved	349,076	Total Energy Savings (incl. inflation)	\$165,762

**Project Setup - General**

Project Type: Commercial | Operational hours per day: 12

Impact analysis time horizon (years): 10

**Energy Usage Parameters**

Electricity cost per kWh: 0.15

**HP Z46 G3 WQHD Curved Display**

Quantity: 500 | Unit Price (\$): 525 | Waste: 26.37

**Comparison Baseline**

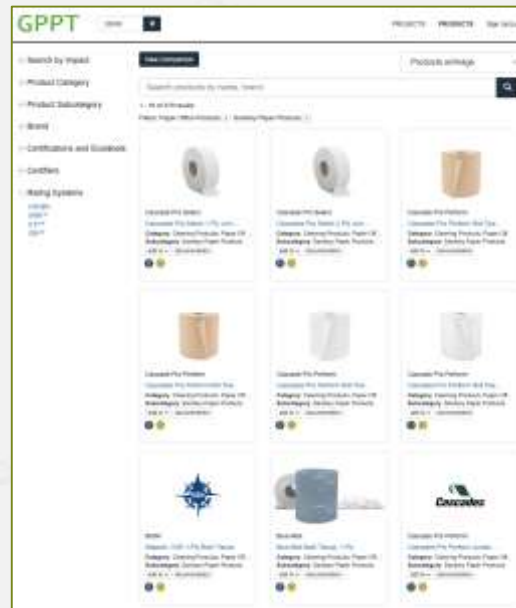
Quantity: 500 | Unit Price (\$): 250 | Waste: 80

# Platform Tour

## Creating a Project

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

1. 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
9. Your Full Report will be ready in a couple of seconds

A screenshot of the GPPT project details form. The form is titled 'Canada Demo 3-22-24' and includes a 'Save' button. The form fields are as follows:  

Field	Value
Name *	Canada Demo 3-22-24
Notes	
Project Size (sq ft) *	
Project Zip / Postal Code *	33508
Client Name	
Project Street Address	
Project Description	

  
Below the form, there is a 'Products' section with a table of items added to the project:  

Product	Mfg Plant Location*	Quantity	Unit Price
Global Furniture Group Archer 300	N/A	EA 1	\$ 0.00
Hillyard Green Select® Phased GS-Certified Roll towel, contrast	N/A	EA 1	\$ 0.00
HP P224 G4 FHD Monitor	N/A	EA 1	\$ 0.00
Humanscale Freedom® Headrest	N/A	EA 1	\$ 0.00
Kohler Co. Mach™ Manual 1.0 GPF toilet flushometer	N/A	EA 1	\$ 231.60
Samsung RF23BB800™	N/A	EA 1	\$ 0.00
Tork SK1850A	N/A	EA 1	\$ 0.00

  
A 'Save' button is located at the bottom right of the products section.  

\* When available, the recycled content data from the manufacturing plant closest to the project postal code setting is displayed and used for calculating credit contributions. Changing the project postal code setting will re-evaluate which manufacturing plant is closest.

# Platform Tour Project / Procurement Documentation in a single click

**GPPT** Search products by name, brand  PROJECTS PRODUCTS Sign Up/Login

This is the new project evaluation page layout. [Click here to return to the old layout.](#)

← Back to Project

**Canada Demo 3-22-24** [DOWNLOAD CSV](#) [DOWNLOAD PDF](#)

Postal Code: 33908 Project Size (sq ft): 0 Client Name: Address:

**Total SKUs** 7 **Total Units** 7 **Total Cost** 0

Product	Mfg Plant Location	Quantity	Total Cost
<b>Humanscale</b> <small>Product: Humanscale</small>	Rockaway, NJ, USA   Dublin, IE   Jaxin, CN	1	\$0
<b>Global Furniture Group</b> <small>Product: GFG</small>	—	1	\$0
<b>Samsung</b> <small>Product: Samsung</small>	—	1	\$0
<b>HP</b> <small>Product: HP</small>	—	1	\$0
<b>Kohler Co.</b> <small>Product: Kohler Co.</small>	—	1	\$0
<b>Hillyard</b> <small>Product: Hillyard</small>	—	1	\$0
<b>Toek</b> <small>Product: Toek</small>	—	1	\$0

**Federal 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.

**Hillyard** Green Seal® Preferred GS-Certified Roll (roll), unrolled

Category: Cleaning Products, Paper Office Products  
Subcategory: Sanitary Paper Products

Hillyard Industrial Green Seal® Preferred GS-Certified Roll (roll), unrolled Green Seal certification for meeting the highest standards for human and environmental health, and for maximizing uncompromising performance.

**Certifications and Standards**

Green Seal Certified GS-1 Filter 6 x Sanitary Paper Products

Green Seal Certified GS-1

**Recycled Content**

The recycled content value from the manufacturing plant (paper and plastic) is 100% and is used for recycling waste materials. Recycling for waste (ink, inkjet) at the end of the life cycle will contribute to environmental goals.

Manufacturing Location: USA  
[View other manufacturing locations](#)

**Manufacturing Locations**

Location	Recycling	Pre-Consumer	Post-Consumer

**Federal Guidelines**

GPC Federal: Cleaning Products / Sanitary Paper Products Compliant

Agencies are directed by Executive Order 13844 to purchase products and services that meet statutory requirements, are identified by EPA programs and meet or exceed EPA recommended specifications, standards and standards. [Learn more.](#)

**Humanscale** Freedom® Medical Chair

Category: Office Furniture  
Subcategory: Chairs  
Type: Chair & Stool

With innovative features that provide constant support and a posture that automatically adapts to the needs of the user, the Freedom chair is ergonomically comfortable and provides maximum support throughout the day. Its adjust and control features are designed to reduce the body's natural posture and decrease pressure points for greater comfort. The Freedom chair features a dynamic, articulating headrest to support the head and neck in any position. It moves with the user so they can change posture without making manual adjustments and any discomfort in any position.

**Federal Guidelines**

GPC Federal: Building Furnishings / Furniture Compliant

Agencies are directed by Executive Order 13844 to purchase products and services that meet statutory requirements, are identified by EPA programs and meet or exceed EPA recommended specifications, standards and standards. [Learn more.](#)

**Samsung** RF28A5000SR

Category: Appliances  
Subcategory: Residential Refrigerators

**Federal Guidelines**

GPC Federal: Appliances / Residential Refrigerators Compliant

Agencies are directed by Executive Order 13844 to purchase products and services that meet statutory requirements, are identified by EPA programs and meet or exceed EPA recommended specifications, standards and standards. [Learn more.](#)

**HP** E240 (23.8") LED-Corner Display - 1920 x 1080

Category: Office Electronics  
Subcategory: Monitors  
Type: Monitor

View your data and files with the professional, sleek, minimalist HP E240 Corner Display. The design you seek in the office environment meets and exceeds what you expect. Just show off your expertise with confidence and a Green-Certified monitor that has an exceptional GSP system with built-in, and built-in quality.

**Federal Guidelines**

GPC Federal: Office Electronics / Monitors Compliant

Agencies are directed by Executive Order 13844 to purchase products and services that meet statutory requirements, are identified by EPA programs and meet or exceed EPA recommended specifications, standards and standards. [Learn more.](#)



# Platform Tour

## User Impact Dashboard

GPPT

PROJECTS
PRODUCTS
Paul Shahnari ▾

Energy

kWh saved

3,360

Est. Savings

\$586.91

Water

Gallons saved

10,331,357

Est. Savings

\$147,379.60

**Projects**

Name	Products	Total Cost	Impact	Est. Savings	Standards	Notes
Canada Demo 3-22-24 with Qty & Prices	6 SKUs, 6 units	\$0.00	🔥	\$48.91	Federal Guidelines	—
Canada Demo 3-22-24	7 SKUs, 7 units	\$0.00	🔥💧	\$13,447.05	Federal Guidelines	—
Canada Demo 6-7-24	7 SKUs, 2,735 units	\$623,750.00	🔥💧	\$134,470.55	Federal Guidelines	—

- 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.

# Recap and next steps

- The *Green Public Procurement Tool for Federal Assets* initiative is led by PSPC to configure and customize for Canada a searchable database of third-party certified environmentally preferable products and clean technologies.
- Collaboration – call to action!
- Register for CIC-led category specific consultations and fill in the simple survey (\*no close date while the project is active)

<https://pspc-spac.survey-sondage.ca/f/s.aspx?s=8f0039ae-eaed-4f9c-9eea-03aa3f562f4f>

# Thank you and questions



Public Services and  
Procurement Canada

Services publics et  
Approvisionnement Canada

**[TPSGC.PAAchatsEcologiques-APGreenProcurement.PWGSC@tpsgc-pwgsc.gc.ca](mailto:TPSGC.PAAchatsEcologiques-APGreenProcurement.PWGSC@tpsgc-pwgsc.gc.ca)**



**[paul@ecomedes.com](mailto:paul@ecomedes.com)**



**[katie@circularinnovation.ca](mailto:katie@circularinnovation.ca)**