Environmental Standards Procurement Task Force

Meeting #13 - Program Implementation, Updates, and Next Steps

September 16, 2026

Agenda

Meeting #13 - Program Implementation, Updates, and Next Steps

10:00a to 10:05a: Introduction
- Timeline & Schedule
- Announcements & Updates

10:05a to 10:20a: Program Implementation
- Database training recap and updates
- Submittal Process
- Waiver/Exemption Process

10:20a to 11:05a: Upcoming topics for next Task Force meeting
- Steel questions discussing with industry stakeholders
- Buy Fair

11:05a to 11:25a: MnDOT update

11:25a to 11:30a: Next Steps

11:30a to 11:50a: *Member Discussion and Questions*

11:50a to 12:00p: *Public Comments and Questions*

Minnesota Task Force Timeline

2023
October 1 - Task Force established

2024
- February 22 - EC Context: Concrete and Asphalt
- March 14 - EC Context: Steel, Rebar and Other Materials
- April 25 and May 23 - Bidding and Procurement
- July 1 - Pilot Program begins
- Summer/Fall - Material-specific and Pilot Program Working Groups (WG)
- Oct 23 - ESPTF Mtg#6: Concrete and Asphalt WG
- Nov 20 - ESPTF Mtg#7: Steel and Rebar WG
- Dec 18 - ESPTF Mtg#8: Pilot Program and Other Materials

2025
- March 19, 2025 - Mtg#9: Task Force Recommendations
- May 8, 2025 - Draft Report sent to Task Force for comment
- Spring - Draft Report, Select Grant Awardees & Distribute Funds
- Summer/Fall - Draft Report Staff Reviews and Revisions
- Oct 8 - Mtg#10: TF Recommendations & Legislative Report
- December 1 - Report to the Legislature

2026
- January 15 - Global Warming Potential (GWP) established for concrete and rebar used in buildings.
- April 22 - ESPTF Mtg#11 (Virtual)
- June 17 - ESPTF Mtg#12 (In Person) - Maplewood, MN
- July 15 - Implementation date of GWP limits/EPD disclosure requirements (projects letting on or after this date)
- August 19 - BuiltCold Database Training (In Person, TBD)
- September 16 - ESPTF Mtg#13 (Virtual)
- **November 12 - ESPTF Mtg#14 (In-Person)** - Maplewood, MN
- **December 1** - Report to the Legislature

2027
- TBD - ESPTF meetings
- **December 1** - Report to the Legislature

2028
- January 15 - Establish a maximum GWP for structural steel and, after conferring with the commissioner of transportation, for asphalt paving mixtures and concrete pavement
- December 1 - Report to the Legislature

2029
- January 1 - Task Force ends

MN Buy Clean Task Force

https://mn.gov/admin/government/purchasing-contracting/buy-clean/



Environmental Standards Procurement Task Force

The Minnesota Department of Administration and the Department of Transportation are charged with overseeing the Environmental Standards Procurement Task Force which was established under Minnesota Laws 2023, Chapter 60 and Chapter 62 "to examine the implementation of a program requiring vendors of certain construction materials purchased by the state to:

1. submit environmental product declarations that assess the material production life cycle environmental impacts of the materials to state officials as part of the procurement process; and
2. meet standards established by the commissioner of administration that limit greenhouse gas emissions impacts of the materials."

Meetings

View upcoming meeting dates, agendas and supporting materials, or access archived meeting minutes and materials from previous meetings.

Members

Learn about the role and authority of the Environmental Standard Procurement Task Force

Stakeholders

Meet the stakeholders and partner organizations supporting the task force.

Resources

Explore resources for information on GWP limits, EPD Grants, Task Force reports, and more.

News and Updates

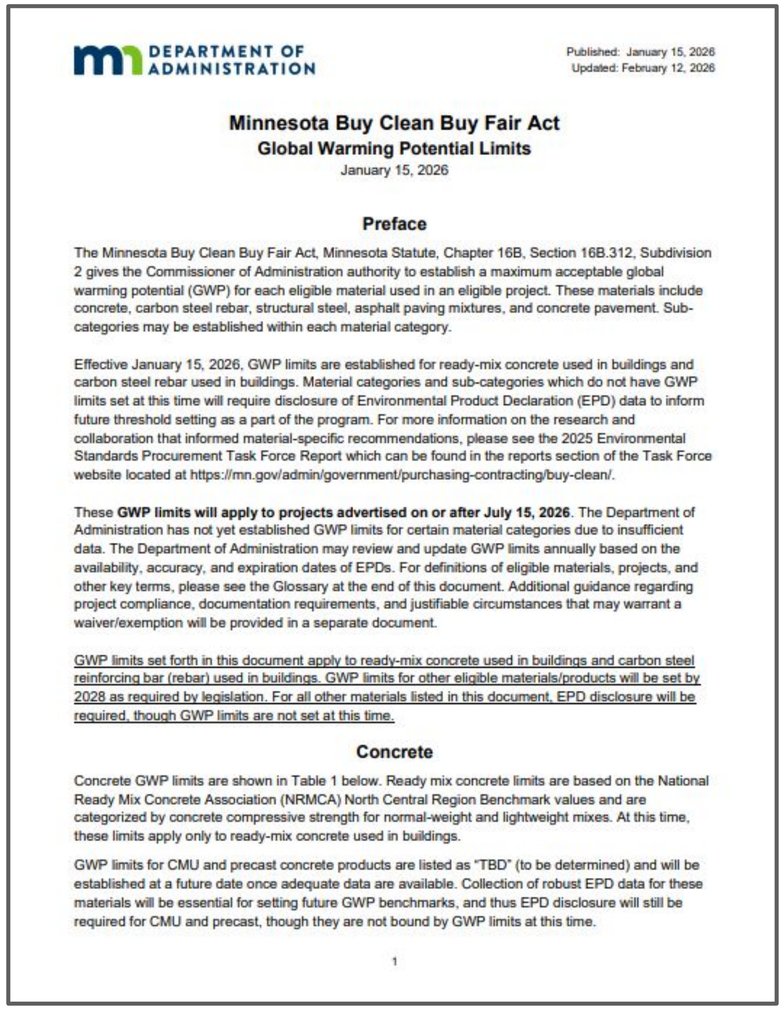
Stay up to date with the latest news, announcements, and updates.

ESPTF Website:

- Meeting Notes and Slides
- List of Members & Stakeholders
- Resources
  - Legislative Reports
  - Program Documents and Requirements
  - Information on EPD Grants
- News and Updates

2026 GWP Limits & EPD Disclosure

https://mn.gov/admin/assets/2026-MNBuyCleanGWPLimits_2026-01-15_tcm36-724796.pdf



DEPARTMENT OF ADMINISTRATION

Published: January 15, 2026
Updated: February 12, 2026

Minnesota Buy Clean Buy Fair Act
Global Warming Potential Limits
January 15, 2026

Preface

The Minnesota Buy Clean Buy Fair Act, Minnesota Statute, Chapter 16B, Section 16B.312, Subdivision 2 gives the Commissioner of Administration authority to establish a maximum acceptable global warming potential (GWP) for each eligible material used in an eligible project. These materials include concrete, carbon steel rebar, structural steel, asphalt paving mixtures, and concrete pavement. Sub-categories may be established within each material category.

Effective January 15, 2026, GWP limits are established for ready-mix concrete used in buildings and carbon steel rebar used in buildings. Material categories and sub-categories which do not have GWP limits set at this time will require disclosure of Environmental Product Declaration (EPD) data to inform future threshold setting as a part of the program. For more information on the research and collaboration that informed material-specific recommendations, please see the 2025 Environmental Standards Procurement Task Force Report which can be found in the reports section of the Task Force website located at https://mn.gov/admin/government/purchasing-contracting/buy-clean/.

These **GWP limits will apply to projects advertised on or after July 15, 2026**. The Department of Administration has not yet established GWP limits for certain material categories due to insufficient data. The Department of Administration may review and update GWP limits annually based on the availability, accuracy, and expiration dates of EPDs. For definitions of eligible materials, projects, and other key terms, please see the Glossary at the end of this document. Additional guidance regarding project compliance, documentation requirements, and justifiable circumstances that may warrant a waiver/exemption will be provided in a separate document.

GWP limits set forth in this document apply to ready-mix concrete used in buildings and carbon steel reinforcing bar (rebar) used in buildings. GWP limits for other eligible materials/products will be set by 2028 as required by legislation. For all other materials listed in this document, EPD disclosure will be required, though GWP limits are not set at this time.

Concrete

Concrete GWP limits are shown in Table 1 below. Ready mix concrete limits are based on the National Ready Mix Concrete Association (NRMCA) North Central Region Benchmark values and are categorized by concrete compressive strength for normal-weight and lightweight mixes. At this time, these limits apply only to ready-mix concrete used in buildings.

GWP limits for CMU and precast concrete products are listed as "TBD" (to be determined) and will be established at a future date once adequate data are available. Collection of robust EPD data for these materials will be essential for setting future GWP benchmarks, and thus EPD disclosure will still be required for CMU and precast, though they are not bound by GWP limits at this time.

1

- GWP Limits for **ready-mix concrete used in buildings**
- GWP Limits for **carbon steel rebar used in buildings**
- **EPD disclosure** will be required for other eligible products listed, though limits are not set at this time
- Will apply to eligible projects advertised on or after **July 15, 2026**

Buy Clean Policy Implementation

- July 15, 2026 - Implementation date of GWP limits/EPD disclosure requirements (projects letting on or after this date)
- Reevaluate Tier 1 materials in subsequent program years based on data collected to establish/adjust GWP thresholds/limits
- Develop/refine plan for future implementation of Tier 2 materials (i.e. glass, aluminum, insulation)

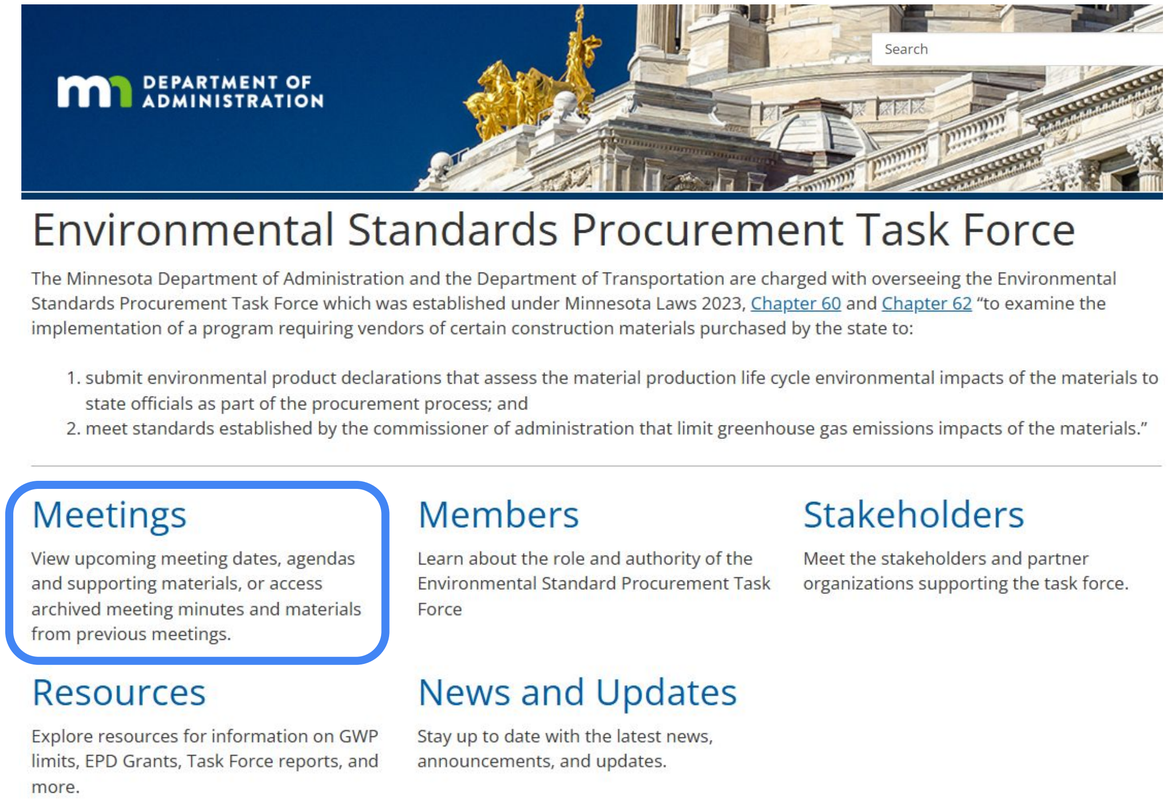
Product Category	Implementation	Implementation Details
✅ **Concrete (used in buildings)**	**GWP Limits Set (for Ready Mix)**	**GWP Limits Set Jan. 15, 2026:** Ready Mix Concrete limits based on the National Ready-Mix Concrete Association's (NRMCA) North Central regional benchmarks published in the Industry-Wide EPD. **Implementation of GWP limits July 15, 2026**. **EPD Mandatory Disclosure Starting 2026:** Concrete Masonry Units (CMU) and Precast.
✅ **Steel Rebar (used in buildings)**	**GWP Limits Set**	**GWP Limits Set Jan. 15, 2026:** Based on Concrete Reinforcing Steel Institute's (CRSI) Industry-Wide EPD. (legislation: **GWP limits no later than Jan. 15, 2028**). Limits implemented
Structural Steel	EPD Disclosure	**EPD Disclosure - Starting 2026: Collect EPDs** to identify subcategories and establish benchmarks. (legislation: **GWP limits no later than Jan. 15, 2028**). Hot-Rolled Steel, HSS tubes, Plate, Decking, Open-Web Steel Joists, & Cold-Formed Framing.
Concrete Pavement	EPD Disclosure	**EPD Disclosure - Starting 2026: Collect EPDs** to identify subcategories and establish benchmarks. (legislation: **GWP limits no later than Jan. 15, 2028**)
Asphalt Pavement	EPD Disclosure	**EPD Mandatory Disclosure - Starting 2026: Collect EPDs** to identify subcategories and establish benchmarks. (legislation: **GWP limits no later than Jan. 15, 2028**)

Aug 19 BuiltCold Database Sessions

https://mn.gov/admin/government/purchasing-contracting/buy-clean/meetings/

BuiltCold Database In-Person Training- Vertical and Horizontal Construction Sessions

- Time: 10am-12pm Vertical Construction Program, 1pm-3pm Horizontal Construction Program
- Location: MnDOT Technical Certification Center, 1400 Gervais Avenue, Maplewood, MN, 55109
- **Meeting Materials:**
  - Buildings Session
    - Buildings Session Slides (PDF)
    - Buildings Session Video Recording
  - Infrastructure Session
    - Infrastructure Session Slides (PDF)
    - Infrastructure Session Video Recording



Project Eligibility

Eligible Project means (16B.312.1):

1. New construction of a state building larger than 50,000 gross square feet of occupied or conditioned space;
2. Renovation of more than 50,000 gross square feet of occupied or conditioned space in a state building whose renovation cost exceeds 50 percent of the building's assessed value; or
3. New construction or reconstruction of two or more lane-miles of a trunk highway.

State Building means a building owned by the state of Minnesota or a Minnesota state agency (16B.312.1).

EPD Requirements

Environmental Product Declaration (EPD) means a supply chain specific type III environmental product declaration that (16B.312.1)**:**

1. contains a material production life cycle assessment of the environmental impacts of manufacturing a specific product by a specific firm, including the impacts of extracting and producing the raw materials and components that compose the product;
2. is verified by a third party; and
3. meets the ISO 14025 standard developed and maintained by the International Organization for Standardization (ISO).

Supply chain specific means an environmental product declaration that includes specific data for the production processes of the materials and components composing a product that contribute **at least 80 percent of the product's material production life cycle global warming potential**, as defined in ISO standard 21930 (16B.312.1). Note that PCRs for some materials provide additional guidance on inclusion of supply chain–specific information. Inclusion of supply chain–specific (i.e. primary) upstream data for processes with large impacts is recommended, and may be required in PCRs for certain materials, in lieu of secondary / averaged data.

Waivers & Exemptions

https://mn.gov/admin/assets/MNBuyCleanWaiversExemptions_2026-07-15_tcm36-759869.pdf

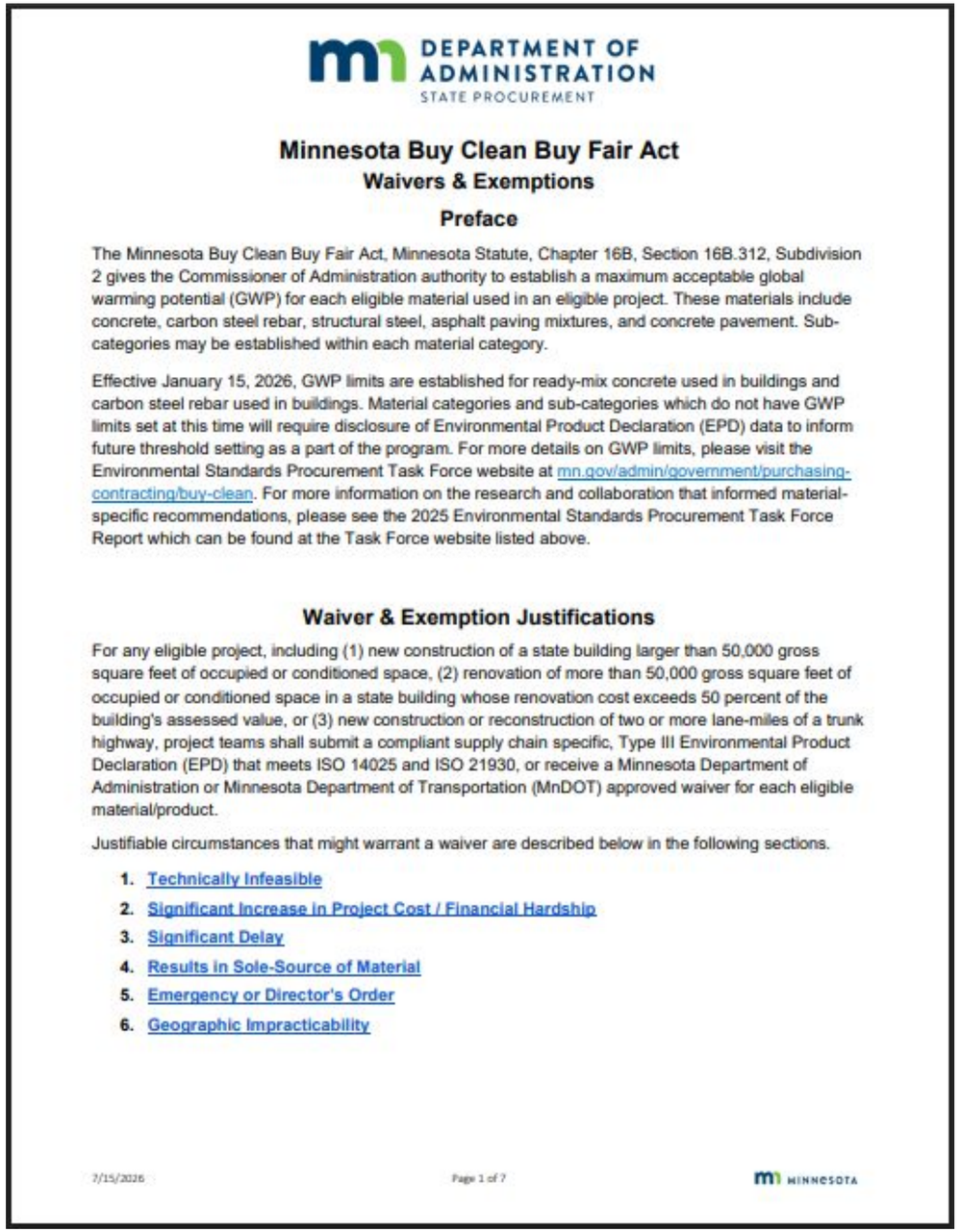
Waiver Justifications

1. Technically Infeasible
2. Significant Increase in Project Cost
3. Significant Delay
4. Results in Sole-Source of Material
5. Emergency or Director's Order
6. Geographic Impracticability

Exception Pathway

Carbon Budget Exception Pathway

- Product weighted calculation
- Can only be used within a **single material product category** that is **covered under the same PCR** (i.e. ready-mix concrete)



DEPARTMENT OF ADMINISTRATION
STATE PROCUREMENT

Minnesota Buy Clean Buy Fair Act
Waivers & Exemptions

Preface

The Minnesota Buy Clean Buy Fair Act, Minnesota Statute, Chapter 16B, Section 16B.312, Subdivision 2 gives the Commissioner of Administration authority to establish a maximum acceptable global warming potential (GWP) for each eligible material used in an eligible project. These materials include concrete, carbon steel rebar, structural steel, asphalt paving mixtures, and concrete pavement. Sub-categories may be established within each material category.

Effective January 15, 2026, GWP limits are established for ready-mix concrete used in buildings and carbon steel rebar used in buildings. Material categories and sub-categories which do not have GWP limits set at this time will require disclosure of Environmental Product Declaration (EPD) data to inform future threshold setting as a part of the program. For more details on GWP limits, please visit the Environmental Standards Procurement Task Force website at mn.gov/admin/government/purchasing-contracting/buy-clean. For more information on the research and collaboration that informed material-specific recommendations, please see the 2025 Environmental Standards Procurement Task Force Report which can be found at the Task Force website listed above.

Waiver & Exemption Justifications

For any eligible project, including (1) new construction of a state building larger than 50,000 gross square feet of occupied or conditioned space, (2) renovation of more than 50,000 gross square feet of occupied or conditioned space in a state building whose renovation cost exceeds 50 percent of the building's assessed value, or (3) new construction or reconstruction of two or more lane-miles of a trunk highway, project teams shall submit a compliant supply chain specific, Type III Environmental Product Declaration (EPD) that meets ISO 14025 and ISO 21930, or receive a Minnesota Department of Administration or Minnesota Department of Transportation (MnDOT) approved waiver for each eligible material/product.

Justifiable circumstances that might warrant a waiver are described below in the following sections.

1. Technically Infeasible
2. Significant Increase in Project Cost / Financial Hardship
3. Significant Delay
4. Results in Sole-Source of Material
5. Emergency or Director's Order
6. Geographic Impracticability

7/15/2026 Page 1 of 7 MINNESOTA

BID Request Form

https://mn.gov/admin/government/construction-projects/manuals-guidelines-forms/forms/



Forms

State Agency Forms

- Project Initiation Form (PIF) - As of June 24, 2019 a new online form is now available. To request access, please contact Admin.PIFnotifications@state.mn.us
  Please use the Quick Reference Guide when submitting new and updated PIF's. *Updated April 2024*
- Capital Asset Preservation and Replacement Account (CAPRA) Request Form (MS Word)
- Request for Emergency Purchasing Authorization (MS Word .doc)
- Open Market Requisition (OMR) Special Conditions (PDF)

Construction Contract Forms

- Registration and Tax Identification Form (Prime Contractor - Construction Manager) (MS Word .doc)
  Document must be completed by Construction Manager before contract award.
- Bid Request Form (MS Word .doc)
- Contractor Pay Requests (XLS) - Form revised June 5, 2025
- Contractor Pay Requests - Haz Mat A-189 (XLS) - Form revised June 5, 2025
- Contractor Supplemental Agreement (MS Word .doc) - Form revised March 17, 2017
- Construction Manager at Risk Supplemental Agreement Form (MS Word .doc) - Form revised July 23, 2019
- Design and Construction Meeting Template (MS Word .doc) 2026
- IC-134 Forms and Instructions
  Instructions on using this form to submit by mail. Link directs to Minnesota Department of Revenue website.
- Open Market Requisition (OMR) Special Conditions (MS Word .doc)
- Policy on Allowing Construction Manager (CM) at Risk to Bid On and Self-Perform Tradework (PDF)
- Pre-bid Meeting Template (MS Word .doc) Form revised December 2018
- Pre-bid Meeting Sign-In Sheet (MS Word .doc)

Bid Request Form (BRF)

Consultant to complete all sections with a GREEN header

Project Name:

Consultant Name:	Email:
Firm Name:	Phone:
Firm Address:	Date:
State project manager:	Email:
Agency:	Facility:
Project Address:	
Construction area (sq ft)	
Tentative Bid Opening Date:	Tentative Substantial Completion Date:

(Consultant please submit the BRF a minimum of 6 weeks to PM prior to anticipated bid d

COST ESTIMATE TO BE COMPLETED BY CONSULTANT

Consultant to provide cost estimate by CSI Spec Division. If labor/material split unknown, use 50%M/S

Div	Subdivis	Description	Material	Labor	Totals
01	0100 00	General Conditions	n/a	n/a	$ -

Environmental Standards Procurement (Buy Clean) - Eligible Materials (if applicable)

Per Minnesota Statute 16B.312 Subd.1.f, if your project is a state building that is either "(1) new construction of a state building larger than 50,000 gross square feet of occupied or conditioned space, or (2) renovation of more than 50,000 gross square feet of occupied or conditioned space in a state building whose renovation cost exceeds 50 percent of the building's assessed value", Minnesota Buy Clean requirements will apply for certain construction materials/products. For more information on current Buy Clean requirements, please visit https://mn.gov/admin/government/purchasing-contracting/buy-clean.

Please list all eligible Buy Clean materials/products that will be used on the project (if applicable):

Environmental Standards Procurement (Buy Clean) Project Eligibility

Will this project require the implementation of MN Statute 16B.312 (see below)	Y	N

Does this project meet either of the definitions listed below for an eligible "Buy Clean" project per Minnesota Statute 16B.312 Subd.1.f:
(1) new construction of a state building larger than 50,000 gross square feet of occupied or conditioned space? Y/N
(2) renovation of more than 50,000 gross square feet of occupied or conditioned space in a state building whose renovation cost exceeds 50 percent of the building's assessed value? Y/N

Please note that eligible Buy Clean projects are required to meet standards established by the commissioner of administration that limit greenhouse gas emissions impacts of eligible materials and submit environmental product declarations, that assess the material production life cycle environmental impacts of eligible materials, to state officials as part of the procurement process. For more information on current Buy Clean requirements, please visit https://mn.gov/admin/government/purchasing-contracting/buy-clean.

Completed by:	Date:

BuiltCold Database - Roles

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PROGRAM SIDE · ON THE WHOLE PROGRAM

01	**Owner**	The single named owner
02	**Admin**	Runs the program day to day
03	**Contributor**	Program documents & project list
04	**Viewer**	Reads, changes nothing

A program role grants **read-only** access to projects — never a working role.

PROJECT SIDE · PER PROJECT

05	**Owner**	Accountable · signs the attestation
06	**Admin**	Everything but the attestation
07	**Contributor**	Material data, waivers, submittals
08	**Viewer**	Reads, changes nothing

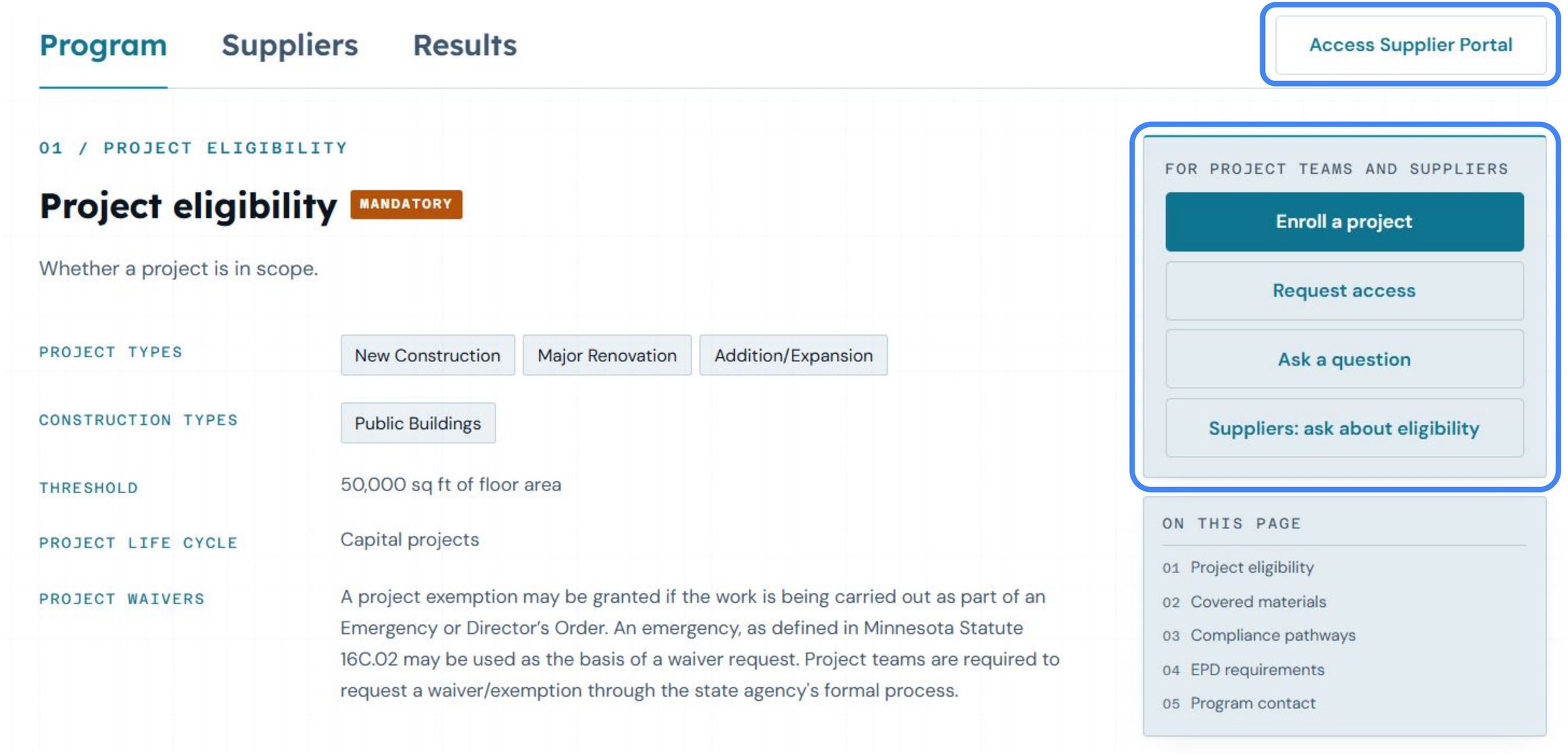
A project role applies to **that one project** and grants nothing on the program.

DELEGATION — Waivers, submittals, and access requests route to agency delegates alongside the super admin.

TO BE SUPPLIED — Role mapping by attendee type.

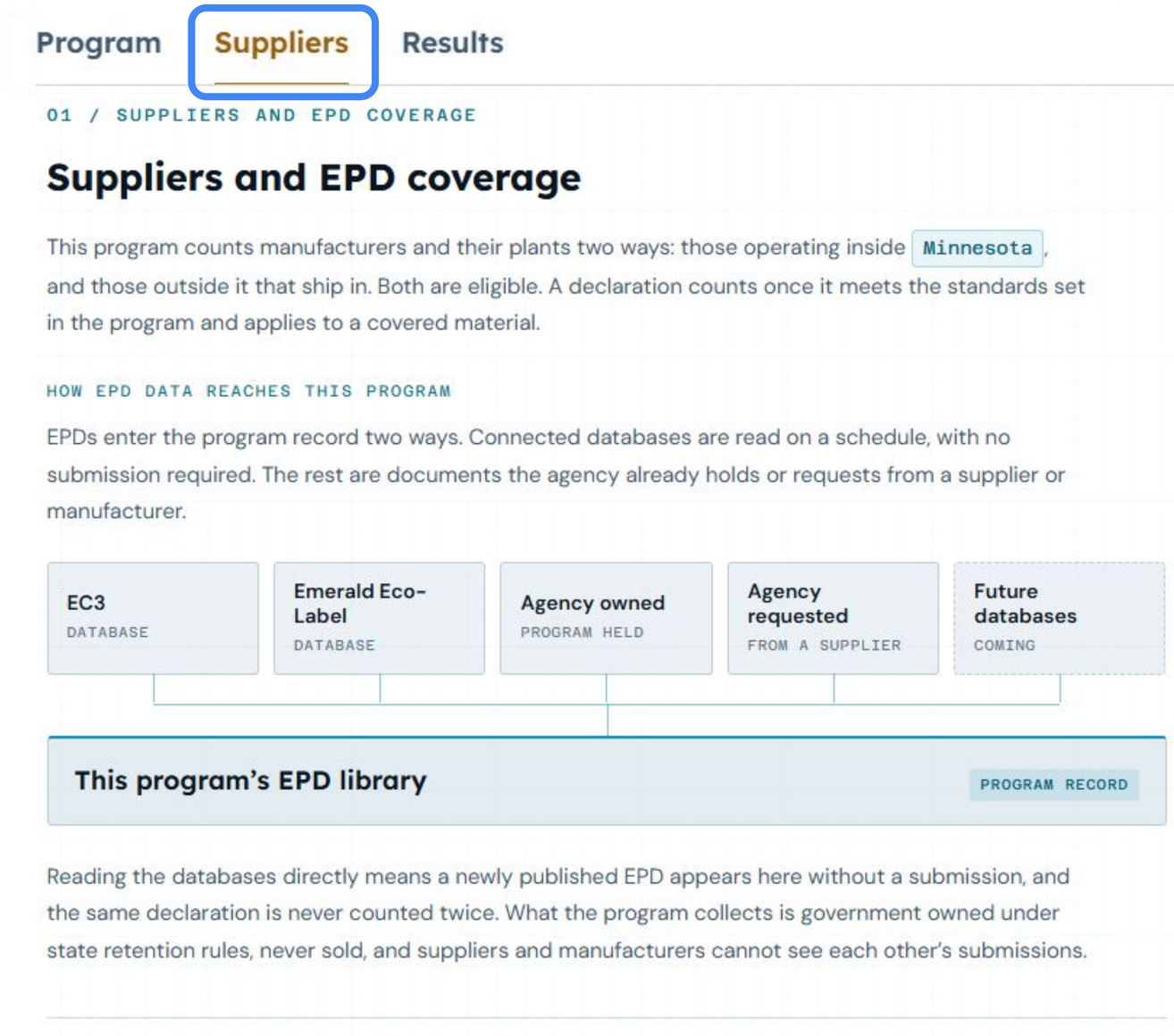
BuiltCold Public Page

https://www.builtcold.com/programs-directory/minnesota-buy-clean-buy-fair-act-buildings

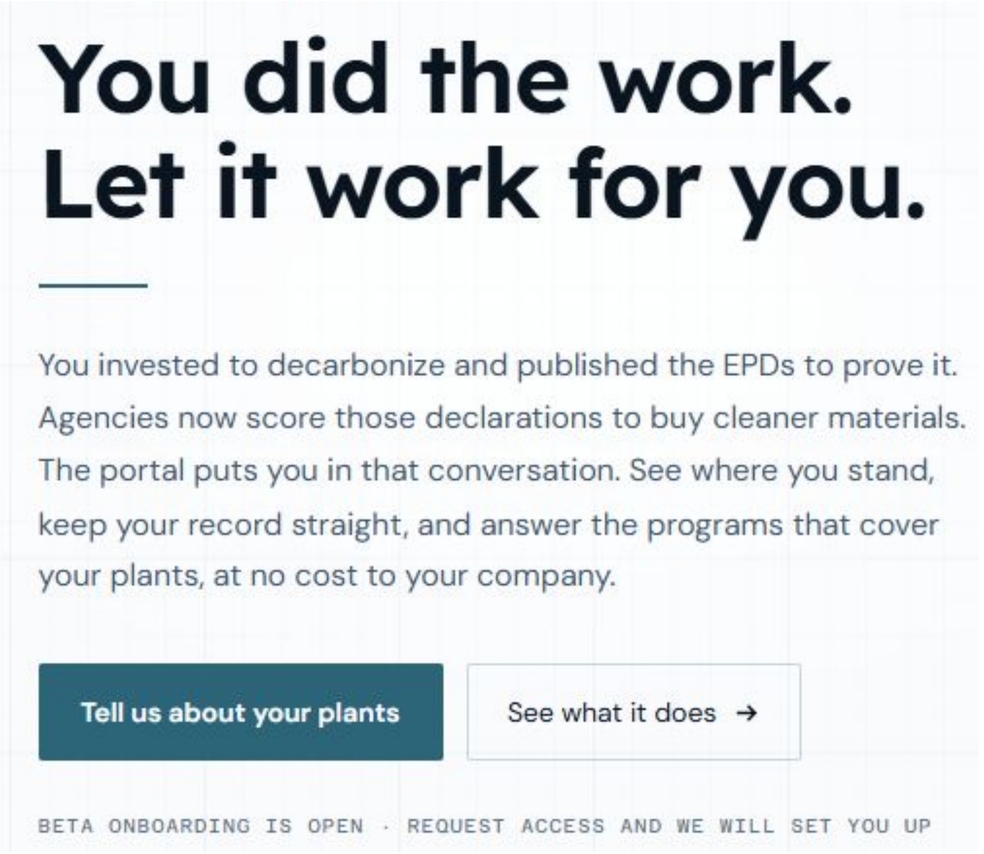


BuiltCold - Supplier Portal

https://www.builtcold.com/programs-directory/minnesota-buy-clean-buy-fair-act-buildings



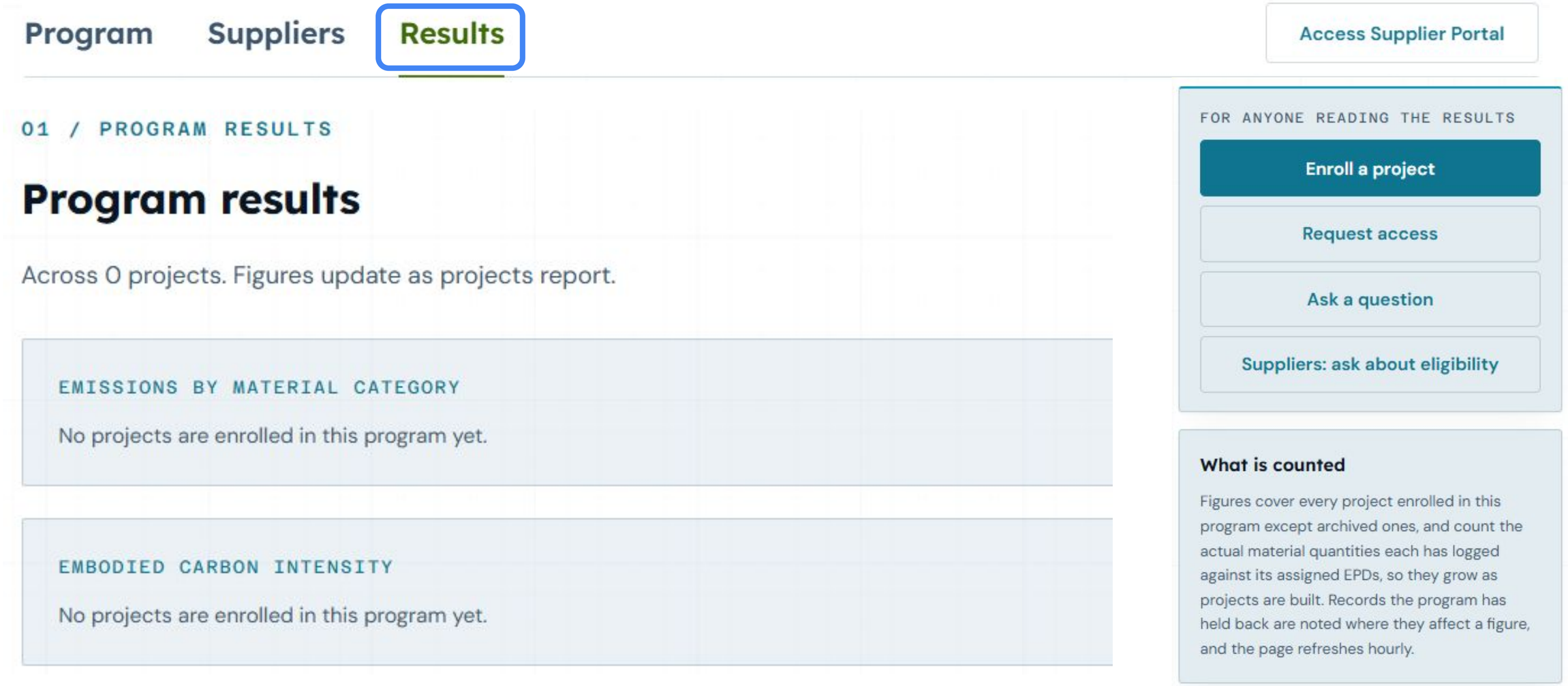
https://www.builtcold.com/products/supplier-portal/



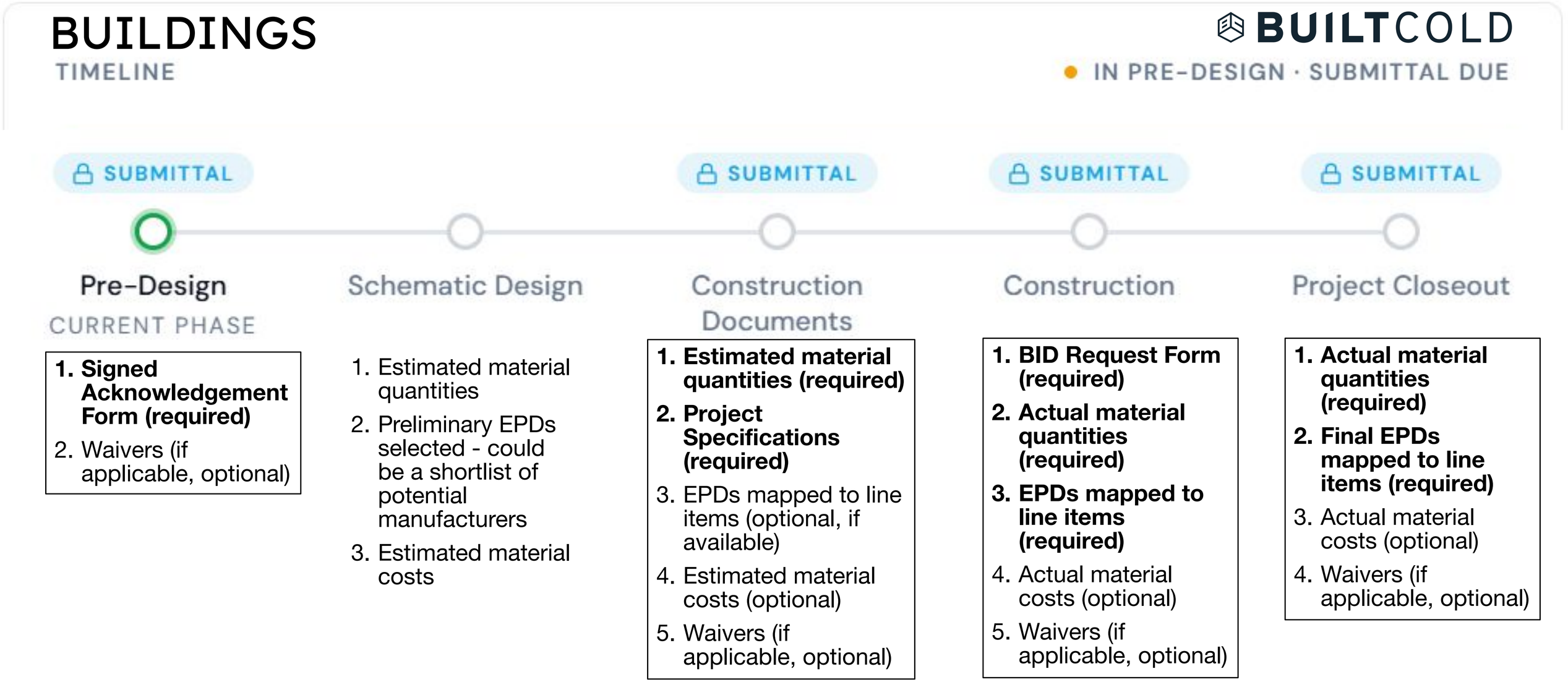
BuiltCold - Program Metrics

https://www.builtcold.com/programs-directory/minnesota-buy-clean-buy-fair-act-buildings

Aggregated Results across the Buildings program



Submittal Process by Project Phase (draft)



Pilot Projects

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PROGRAM WORKSPACE

Minnesota Buy Clean Buy Fair Act — Buildings Published

Dashboard | Projects | Members | Tasks | Documents | Policy ↗

← Agency / Admin view

Search name or address + Add filter

PROJECT	OPEN ITEMS	PHASE
Pilot - Bell Museum 2088 Larpenteur Ave W, St Paul, MN 55113, USA	No open items Last activity 2h ago	Final Acceptance Entertainment/Culture
Pilot - Mankato Clinical Sciences 150 S Rd, Mankato, MN 56001, USA	No open items Last activity 5h ago	Final Acceptance College/University
Pilot - Bemidji Veterans Home 920 Anne St NW, Bemidji, MN 56601, USA	No open items Last activity 6h ago	Final Acceptance Residence Hall/Dormitory

Pilot Project Demo - workflow

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Pilot – Bell Museum 2088 Larpenteur Ave W, St Paul, MN 55113, USA — 90k SF PRACTICE PROJECT Early access COMPLETE

ACTIONS

OVERVIEW | ASSIGN | FIND | MANAGE | SUBMITTALS | REPORTING



BASIC

OWNER
University of Minnesota

OWNER TYPE
Government - State/Province

EC PROGRAM
Minnesota Buy Clean Buy Fair Act — Buildings

AGENCY
University of Minnesota

PROJECT PHASE
Final Acceptance

LAST UPDATE
Sep 14, 2026

VIEW ACTIVITY LOG

LINE ITEMS BY STATE

0	0	0	10
CREATED	SPECIFIED	SUBMITTED	APPROVED

EPD ASSIGNMENT COVERAGE

10 of 10 components assigned

TEAM INVITED

1 member

Pilot Project Demo

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Pilot – Bell Museum 2088 Larpenteur Ave W, St Paul, MN 55113, USA — 90k SF PRACTICE PROJECT Early access ● COMPLETE

ACTIONS

OVERVIEW | ASSIGN | FIND | MANAGE | SUBMITTALS | REPORTING

PATHWAY ● Product Specification ● Carbon Budget

● 10 of 10 products approved | View product details

FILTER All 10 | Created 0 | Specified 0 | Submitted 0 | Approved 10 | Returned 0 | Waived 0

Group by MasterFormat division + Add line item

LINE ITEM	MATERIAL	EPD ASSIGNMENT	QUANTITY	COST	GWP UNIT	TOTAL KG CO_2E	COMPLIANCE	STATUS
Div 03 — Concrete 4 items								667 t CO_2e EST
4000 PSI (FOOTINGS / STAIRWAY P… 03 30 00 · A1010	ReadyMix	● F4163	1,123 m^3 est	+ Add Cost	221.5 $kgCO_2e/m^3$	249k EST	COMPLIANT · 16% BELOW	● Approved
4500 PSI, 3/4G, FLY, MR, AE (EXTERI… 03 · A1030	ReadyMix	● Mix F4753	447 m^3 est	+ Add Cost	261.0 $kgCO_2e/m^3$	117k EST	COMPLIANT · 16% BELOW	● Approved
5000 PSI T25 - 3/4D & 3/8 FLY, HR… 03	ReadyMix	● Mix S5136M	602 m^3 est	+ Add Cost	365.0 $kgCO_2e/m^3$	220k EST	COMPLIANT · 2% BELOW	● Approved
5000 PSI (WALLS/PIERS/PLANETAR… 03 31 00	ReadyMix	● Mix S5136M	225.7 m^3 est	+ Add Cost	365.0 $kgCO_2e/m^3$	82k EST	COMPLIANT · 2% BELOW	● Approved
Div 04 — Masonry 1 item								12 t CO_2e EST

10 OF 10 LINE ITEMS | Subtotal embodied carbon **1,426 t CO_2e**

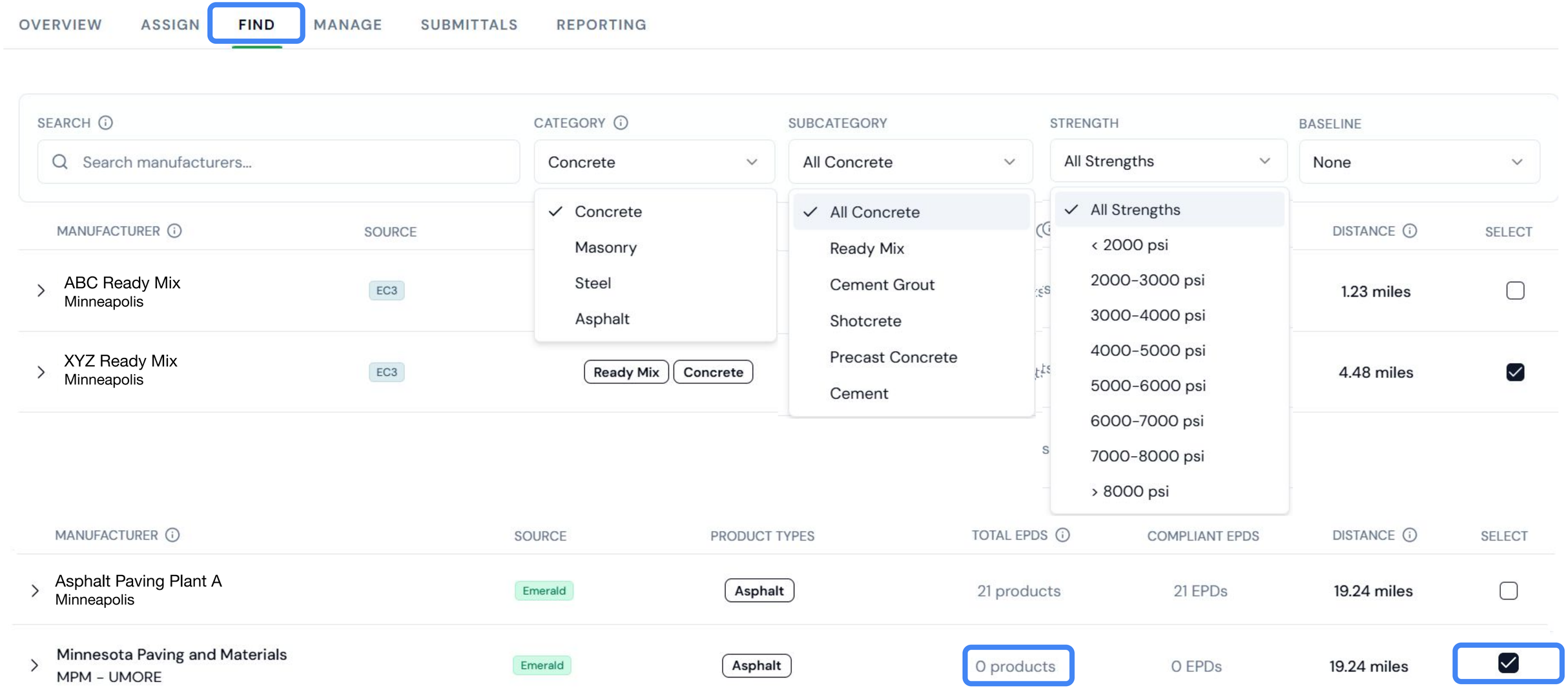
Coming soon:

Guidebook
Access how-tos and video tutorials. Click the question mark to open guides.

Import from document
Upload a PDF or CSV and AI turns it into Material Matrix line items. You review every row.

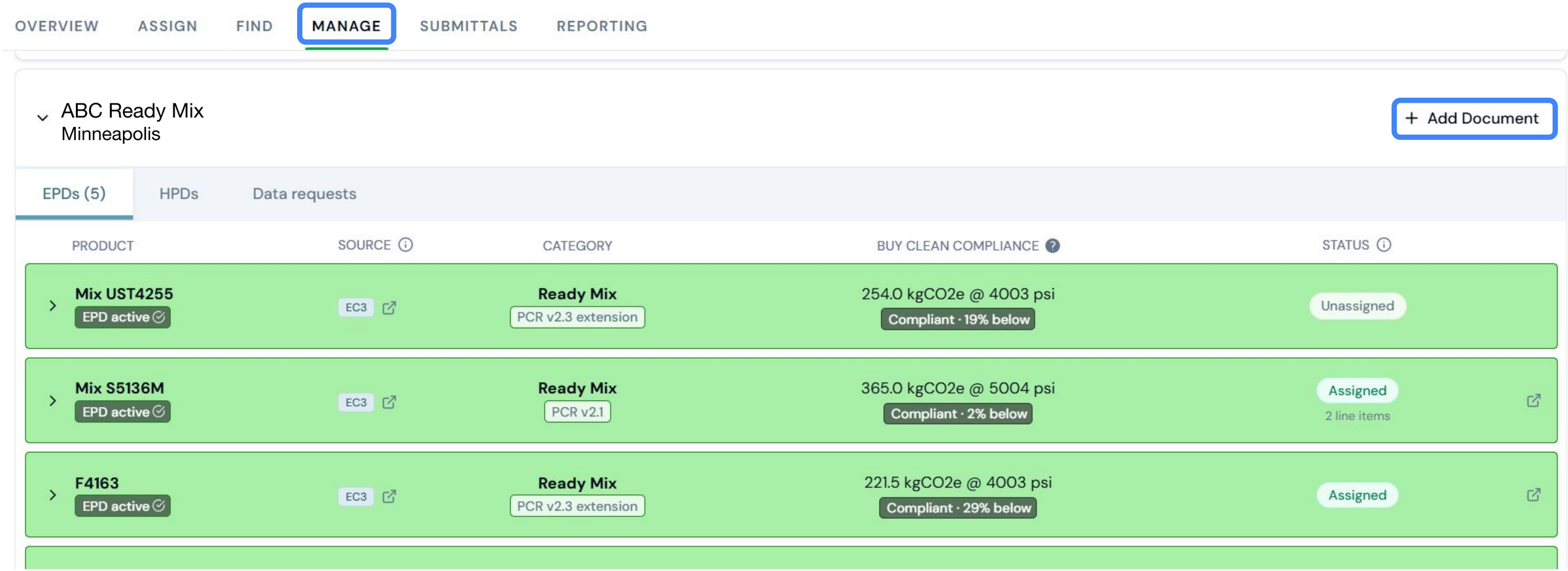
Pilot Project Demo

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Pilot Project Demo

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OVERVIEW ASSIGN FIND MANAGE SUBMITTALS REPORTING

Submittals

Four of the five stages are gated. A reviewer approves a submittal at each one before the project moves on.

Pre-Design NOT STARTED GATE 1 OF 4 · BLOCKS SCHEMATIC DESIGN

Opens when the project advances into Pre-Design. You can prepare it early.

1 requirement at this gate

PREPARE EARLY →

Construction Documents LOCKED GATE 2 OF 4 · BLOCKS CONSTRUCTION

Opens once Pre-Design is approved and the project reaches Construction Documents.

Product Specification evidence will be requested here

Construction LOCKED GATE 3 OF 4 · BLOCKS PROJECT CLOSEOUT

Opens once Pre-Design is approved and the project reaches Construction.

Product Specification and Carbon Budget evidence will be requested here

Project Closeout LOCKED GATE 4 OF 4 · BLOCKS PROJECT CLOSEOUT

Opens once Pre-Design is approved and the project reaches Project Closeout.

Product Specification and Carbon Budget evidence will be requested here

Pilot Project Demo

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OVERVIEW ASSIGN FIND MANAGE SUBMITTALS **REPORTING**

REPORTING · AS BUILT

1,426 t CO_2e

Measured performance from this project's assigned EPDs and logged actual quantities. Any figure underlined like this opens its arithmetic.

PROJECT
READ
ISSUED

RECEIPT / SUM

Total as-built emissions

Pilot - Bell Museum · 10 EPD assignments

RESULT

1,426.3 t CO_2e

Measured across 3 material categories. This is what has been installed and recorded so far, so the figure rises as the work goes on.

HOW IT WAS CALCULATED

Σ (actual quantity × carbon factor) ÷ 1,000 for every EPD assignment in scope

Includes every assignment with an EPD and an actual quantity.

BY MATERIAL CATEGORY — quantity × factor, adding up

Steel	746.5 t
548.1 t × 1,361.9 avg kgCO_2e/t	
Concrete	667.5 t
2,397.7 m³ × 278.4 avg kgCO_2e/m³	

EMBODIED CARBON INTENSITY

15.9 kgCO_2e/SF

Steel · 52% +2 more categories

Logged actual quantities only, blended over 89,860 SF of gross floor area.

EMISSIONS AVOIDED

63 t CO_2e

0

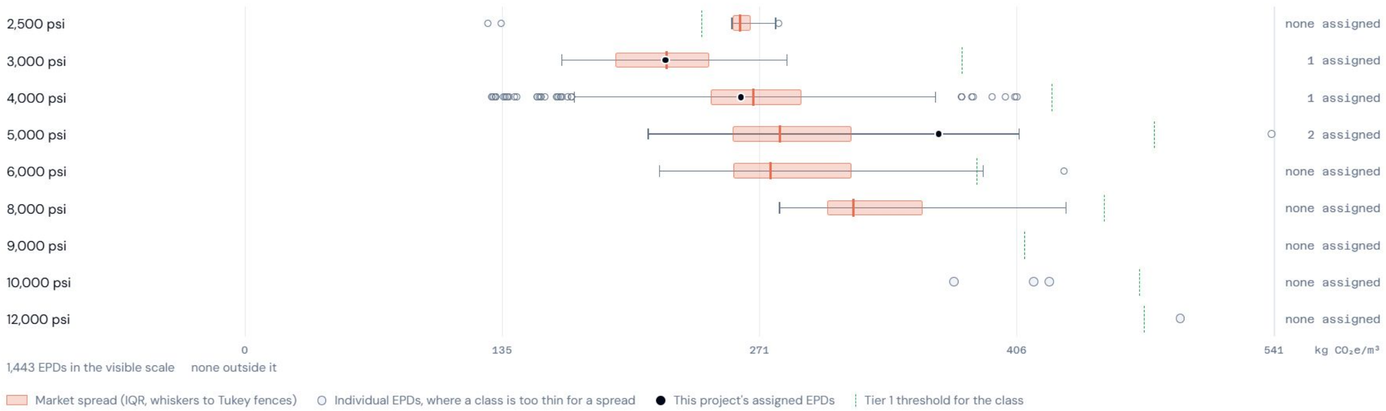
4% below CLF 2025 class baselines.

GWP DISTRIBUTION BY SUBMATERIAL

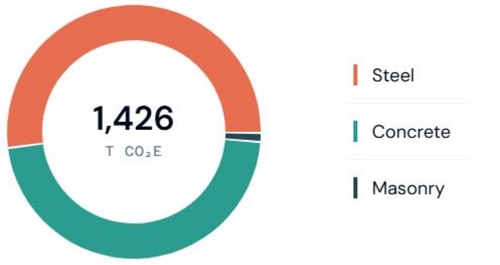
READY-MIX CONCRETE | SHOTCRETE | CEMENT | MASONRY | PRECAST CONCRETE

Classes **All 9 classes**

9 classes shown · 3 carry an assigned EPD.



EMISSIONS BY MATERIAL CATEGORY



Project Eligibility and Acknowledgement Form

DEPARTMENT OF ADMINISTRATION
STATE PROCUREMENT

Minnesota Buy Clean Buy Fair Act
PROJECT ELIGIBILITY AND ACKNOWLEDGEMENT FORM

This form documents team acknowledgements of Buy Clean requirements on eligible state building projects mandated by Minnesota Statute 16B.312.

Per Minnesota Statute 16B.312 Subdivision 1:

Eligible building projects include:

(1) new construction of a state building (building owned by the state of Minnesota or a Minnesota state agency) larger than 50,000 gross square feet of occupied or conditioned space;

(2) renovation of more than 50,000 gross square feet of occupied or conditioned space in a state building (building owned by the state of Minnesota or a Minnesota state agency) whose renovation cost exceeds 50 percent of the building's assessed value.

Instructions:

1. For all eligible state buildings projects as defined above, the project team (agency, owner, project team, and) must review the information and materials relevant to the Buy Clean program, which can be found at https://mn.gov/admin/government/purchasing-contracting/buy-clean/resources/, including but not limited to:
   - Environmental Product Declaration (EPD) submittal requirements
   - Global Warming Potential (GWP) Limits for specific materials/products
   - Eligible materials that do not yet have GWP limits established, but will require submission of EPDs
2. After reviewing the information and materials relevant to the Buy Clean program, all parties shall provide their contact information and signature indicating their understanding of the Buy Clean program requirements, how they apply to their project, and that these requirements have been accounted for in the project budget per the certifications below.

Agency Name:	**Project Name:**
Agency Contact:	**Project Address:**
Agency Contact Phone Number:	**Estimated Date of Contract Execution:** **Estimated Date of Contract Completion:**
Agency Contact Email:	**Estimated Project Size (Gross Square Feet):** **Estimated Project Cost: $**
OWNER REPRESENTATIVE CONTACT INFORMATION **Name of company and contact person:** **Address:** **Telephone:** **Email:**	
PROJECT TEAM CONTACT INFORMATION **Name of company and contact person:** **Address:** **Telephone:** **Email:**	
Provide a description of the project:	

DEPARTMENT OF ADMINISTRATION
STATE PROCUREMENT

Provide a list of anticipated eligible materials by CSI Spec Division that might apply to the project (it is understood that this list may change throughout the course of design and construction):

Examples:
03 20 00 Concrete Reinforcing
03 30 00 Cast-in-place Concrete
03 40 00 Precast Concrete
04 20 00 Unit Masonry
05 10 30 Structural Steel
05 50 00 Metal Fabrications
32 13 00 Rigid Paving

CERTIFICATIONS

I certify:

1) I recognize that the State of Minnesota's Buy Clean policy requires eligible projects and materials/products to meet Buy Clean requirements for maximum allowable Global Warming Potential (GWP) Limits and EPD Disclosure, unless exempted by law. I have reviewed the information and materials relevant to the Buy Clean program and will procure materials that meet the requirements and submit the appropriate requested information to demonstrate program compliance.

2) Buy Clean program requirements have been incorporated into the project budget

3) I recognize that the State of Minnesota's Buy Clean policy requirements might change over the course of the project for specific materials. Buy Clean requirements at the time of material procurement/purchase will take precedence and will supersede any previous Buy Clean program requirements. Should Buy Clean requirements expand the scope of GWP limits and/or EPD disclosure for eligible materials/products, additional funding approval will be required.

Owner Representative Contact Signature	**Date**
Project Team Contact Signature	**Date**
Agency Head/Delegate Signature (retain a copy in agency project file)	**Date**

Examples of Standard Specification Language

Washington State Department of Commerce

https://www.commerce.wa.gov/seep/bcbf/

Buy Clean and Buy Fair project model specifications

Specifications – Buy Clean and Buy Fair WA

- Sustainable Product Data Reporting Form: Buy Clean and Buy Fair Washington Act (Doc)
- Unit Masonry: Buy Clean and Buy Fair Washington Act (Doc)
- Shotcrete: Buy Clean and Buy Fair Washington Act (Doc)
- Precast Concrete: Buy Clean and Buy Fair Washington Act (Doc)
- Sustainable Design Requirements: Buy Clean and Buy Fair Washington Act (Doc)
- Cast-in-Place Concrete: Buy Clean and Buy Fair Washington Act (Doc)
- Structural Steel: Buy Clean and Buy Fair Washington Act (Doc)

Other Buy Clean and Buy Fair contract document templates

- Contract Language: Buy Clean and Buy Fair Washington Act
- Large Project RFQ Template: Buy Clean and Buy Fair Washington Act

CLF Carbon Leadership Forum

carbonleadershipforum.org/model-embodied-carbon-specifications/

The *Model Embodied Carbon Specifications* include the following sections:

Division 1 Section 018113 – Sustainable Design Requirements

Includes supply chain reporting requirements for products as defined by the Buy Clean and Buy Fair Washington Act.
This section should always be included in any specification that requires EPDs and/or meeting embodied carbon material limits.
The additional material-specific sections are intended to be inserted into a complementary Construction Specifications Institute (CSI) formatted project specification, with the added sections supplementing other material-specific requirements.

Division 3 Section 033000 – Cast-in-Place Concrete

Includes a table of Benchmark Global Warming Potential values by Concrete Class for the Pacific Northwest Region as reported in the NRMCA Member National and Regional Life Cycle Assessment Benchmark (Industry Average) Report – Version 3.2, dated December 2023. *These regional benchmarks should be updated to reflect the NRMCA region where the project is located.*

Division 3 Section 034000 – Precast Concrete and Section 033713 – Shotcrete

Division 4 Section 042000 – Unit Masonry

Division 5 Section 051000 – Structural Steel

Upcoming TF topics

Minnesota Task Force Timeline

2023
October 1 - Task Force established

2024
- February 22 - EC Context: Concrete and Asphalt
- March 14 - EC Context: Steel, Rebar and Other Materials
- April 25 and May 23 - Bidding and Procurement
- July 1 - Pilot Program begins
- Summer/Fall - Material-specific and Pilot Program Working Groups (WG)
- Oct 23 - ESPTF Mtg#6: Concrete and Asphalt WG
- Nov 20 - ESPTF Mtg#7: Steel and Rebar WG
- Dec 18 - ESPTF Mtg#8: Pilot Program and Other Materials

2025
- March 19, 2025 - Mtg#9: Task Force Recommendations
- May 8, 2025 - Draft Report sent to Task Force for comment
- Spring - Draft Report, Select Grant Awardees & Distribute Funds
- Summer/Fall - Draft Report Staff Reviews and Revisions
- Oct 8 - Mtg#10: TF Recommendations & Legislative Report
- December 1 - Report to the Legislature

2026
- January 15 - Global Warming Potential (GWP) established for concrete and rebar used in buildings.
- April 22 - ESPTF Mtg#11 (Virtual)
- June 17 - ESPTF Mtg#12 (In Person) - Maplewood, MN
- July 15 - Implementation date of GWP limits/EPD disclosure requirements (projects letting on or after this date)
- August 19 - BuiltCold Database Training (In Person, TBD)
- September 16 - ESPTF Mtg#13 (Virtual)
- November 12 - ESPTF Mtg#14 (In-Person) - Maplewood, MN
- **December 1** - Report to the Legislature

2027
- TBD - ESPTF meetings
- **December 1** - Report to the Legislature

2028
- January 15 - Establish a maximum GWP for structural steel and, after conferring with the commissioner of transportation, for asphalt paving mixtures and concrete pavement
- December 1 - Report to the Legislature

2029
- January 1 - Task Force ends

Steel questions

1. What should the standard be for determining if there are enough EPDs in a steel subcategory to set a limit? How should that limit be set? *Need consistent rules across all subcategories / products …*

Table 2C.1: Summary of Steel Product EPD Representation.
Source: Global Warming Potential Impacts of Domestic Steel Construction Products (2024 Report to support Federal Highway Administration's Low Carbon Transportation Materials Program)

Product Category	Product- and Facility-specific EPDs	Share of US Market Production Represented[1]	Industry-Wide EPD published by Applicable Trade Association?
Reinforcing Bar	26	High	Y
Steel Plate	9	High	Y
Hot-rolled Structural Sections	6	High	Y
Hollow Structural Sections	23	High	Y
Steel Deck	23	High	Y

2026 EPD Count*

26 EAF

7 EAF
2 BOF

6 EAF
2 EAF**

19 Blend/avg annual steel supply mix
14 EAF
0 BOF
33 Total (some facilities published both EAF & Blend EPDs)

16 Blend/avg annual steel supply mix
9 EAF
8 BOF
33 Total (some facilities published both EAF & Blend EPDs)

*Source: Summary of U.S. facility-specific EPDs. www.aisc.org/aisc/sustainability/environmental-product-declarations/ and manufacturers' websites
**EPDs represent special low-embodied carbon production lines, available from the producer upon request.

Steel questions

2. What steel subcategories should be included or not included in the program and why?

- ✅ Carbon Reinforcing Steel (rebar) used in concrete and masonry construction
- ✅ Structural Steel:
  - Hot-Rolled Structural sections (wide-flange/I-beams, channels, angles, T sections)
  - HSS
  - Plate
- ✅ Steel Deck
- ✅ Open-Web Steel Joists / Girders
- ✅ Cold-Formed / Galvanized Steel (stud, track, framing, etc.)
- ❓ Hot Rolled Coil (HRC)
- ❓ Concrete Post-Tensioning Steel Tendons / Cables - more research needed

Steel questions

Summary of Steel Subcategories in Other Federal / State Programs

Steel Product Subcategory		Other Federal / State Programs								
		GSA (IRA)*	California	Colorado (OSA)	Colorado (DOT)	Oregon (DOT)	WA	NY (EO 22)	Illinois DOT	Mass
Carbon Steel Reinforcing Bar (Rebar)		GWP limit*	GWP limit	GWP limit	GWP limit	EPD disclosure	EPD disclosure	EPD disclosure	EPD disclosure 2027	EPD disclosure Voluntary 2026 Mandatory 2027
Structural Steel	Hot-Rolled Structural Sections	GWP limit*	GWP limit	GWP limit	EPD disclosure	EPD disclosure	EPD disclosure	EPD disclosure	EPD disclosure 2027	
	Hollow Structural Sections	GWP limit*	GWP limit	GWP limit	EPD disclosure	EPD disclosure	EPD disclosure	EPD disclosure	EPD disclosure 2027	
	Steel Plate	GWP limit*	GWP limit	GWP limit	EPD disclosure	EPD disclosure	EPD disclosure	EPD disclosure	EPD disclosure 2027	
Cold-Formed Steel Framing		GWP limit*		GWP limit		EPD disclosure	EPD disclosure	EPD disclosure		
Steel Deck		GWP limit*		GWP limit			EPD disclosure			
Open Web Steel Joists / Girders		GWP limit*		GWP limit			EPD disclosure			
Post-Tension Steel Cables / Tendons							EPD disclosure			

*Program may no longer be active

Steel questions

3. What GWP data is available for products manufactured using integrated steel processes, secondary processes, or a combination of both (**EAF, BOF, blended**)? What is the process and what criteria should be used to set limits for these products?

    - HSS
    - Steel Deck
    - Plate
    - Cold-Formed Steel Framing

(rebar, structural steel, open-web steel joists → domestic production primarily EAF)

Steel questions

4. Should Steel EPDs need to be generated using Version 3.0 steel PCR? (previous version expired Dec 2025)

Steel definitions

https://www.revisor.mn.gov/statutes/cite/16B.312

Integrated steel production means the production of iron and subsequently steel **primarily** from iron ore or iron ore pellets (16B.312.1).

Secondary steel production means the production of steel from **primarily** ferrous scrap and other metallic inputs that are melted and refined in an electric arc furnace (16B.312.1).

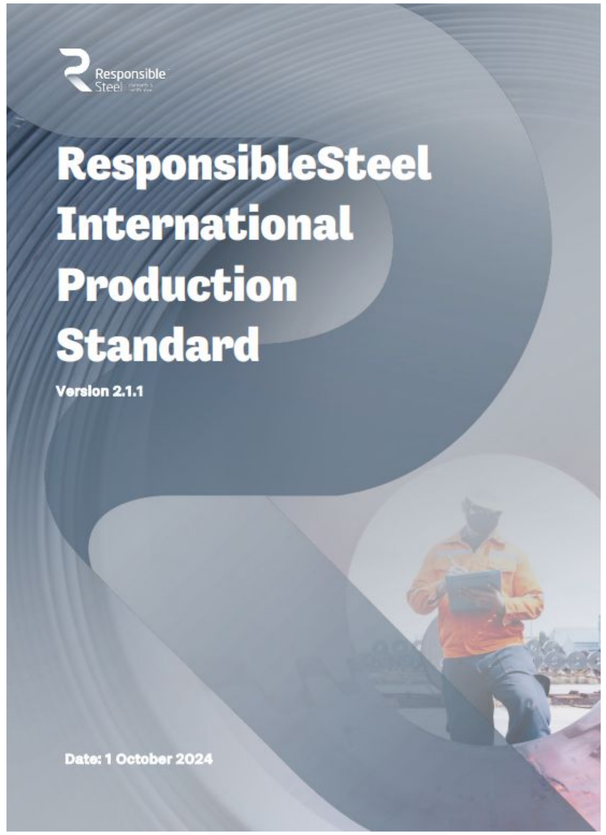
Electric arc furnace means a furnace that produces molten alloy metal and heats the charge materials with electric arcs from carbon electrodes (16B.312.1).

Supply chain specific means an environmental product declaration that includes specific data for the production processes of the materials and components composing a product that contribute at least 80 percent of the product's material production life cycle global warming potential, as defined in ISO standard 21930 (16B.312.1).

Steel definitions

https://cdn.prod.website-files.com/653ed7060b01292cd4518d0e/68a72934b23a287ab48d2f6b_ResponsibleSteel_International_Production_Standard_V2.1.1.pdf

“**In primary steel production, 10-25% of material input is scrap.** It is used in basic oxygen furnaces (BOF) to help control temperatures when pig iron is refined into steel and, in some cases, scrap is used in blast furnaces (BF) to add iron units. **In secondary steel production, scrap steel can represent up to 100% of material inputs in electric arc furnaces (EAF).** According to worldsteel data, around 650 million tonnes of scrap are used every year for steel production, compared with a total crude steel production volume of 1,869 million tonnes per year.”



Buy Fair

https://www.revisor.mn.gov/statutes/cite/16B.312#stat.16B.312.4

Subd. 4. Pilot program.

(a) No later than July 1, 2024, the Department of Administration must establish a pilot program that seeks to obtain from vendors an estimate of the material production life cycle greenhouse gas emissions of products selected by the departments from among those procured. The pilot program **must encourage, but may not require, a vendor to submit the following data** for each selected product that **represents at least 90 percent of the total cost** of the materials or components composing the selected product:

(1) the quantity of the product purchased by the department;

(2) a current environmental product declaration for the product;

(3) the name and location of the product's manufacturer;

(4) a copy of the vendor's Supplier Code of Conduct, if any;

(5) the names and locations of the product's actual production facilities; and

(6) an assessment of employee working conditions at the product's production facilities.

MnDOT Updates

DEPARTMENT OF TRANSPORTATION

BUY CLEAN UPDATE
(2062) Environmental Product Declaration (EPD)

Emil Bautista, PhD, PE
Sustainability Engineer, OMRR

Special Provisions

S-1 (1603) MATERIALS: SPECIFICATIONS, SAMPLES, TESTS, AND ACCEPTANCE (EPD)

NEW 06/10/25 ◄DO NOT REMOVE THIS DATE. IT NEEDS TO STAY IN FOR THE CONTRACTORS.

Always use this write-up when using SP2025-XX (2062) Environmental Product Declaration (EPD).

SP2025-XX

S-1.1 Add the following to 1603, "Materials: specifications, Samples, Tests, and Acceptance":

1603.5 Development of Global Warming Impact Standards

The Contractor shall submit supply chain-specific Type III Environmental Product Declarations (EPDs) for materials in accordance with S-2 (2062) Environmental Product Declaration. The provisions of the Buy Clean and Buy Fair Minnesota Act, (Sec. 16B.312 MN Statutes) require incorporating global warming impact standards into the state's procurement process for construction materials used in public infrastructure projects. To achieve this the Department is requesting the Contractor to submit supply chain-specific Type III Environmental Product Declarations (EPDs) for all eligible materials as defined by State Statute. The reporting of environmental impacts will account for embodied carbon of construction materials in accordance with the Buy Clean and Buy Fair Minnesota Act, ISO 21930, ISO 14025 and ISO 14040/44.

(2062) Environmental Product Declaration (EPD)

S-2 **(2062) ENVIRONMENTAL PRODUCT DECLARATION (EPD)**

NEW 12/19/2025 ◄DO NOT REMOVE THIS DATE. IT NEEDS TO STAY IN FOR THE CONTRACTORS.

Use this special provision when the project meets any of the following criteria. ***Contact Emil Bautista, Office of Materials and Road Research, to determine the number of EPDs that will be required on this project.***

- **New construction, rehabilitation, mill and overlay, or reconstruction of two or more lane-miles of a trunk highway pavement.**
- **New construction or re-decking with a total bridge deck quantity of 6000 square feet or more.**
- **ADA projects with a minimum of more than 1 intersection in the project**

SP2025-XX

S-2.1 DESCRIPTION

This Work consists of submitting Type III Environmental Product Declarations (EPDs) in accordance with S-1 (1603) Materials: Specifications, Samples, Tests, and Acceptance (EPD). These EPDs are Cradle-to-Gate, including life cycle stages A1 to A3: raw material supply, transport to the manufacturing site, and manufacturing.

S-2.2 MATERIALS - BLANK

S-2.3 CONSTRUCTION REQUIREMENTS

Provide EPDs for the following materials:

Table SP2062.3-1
Materials Requiring EPDs

Spec No.	Description	Minimum Project Quantity	EPDs Required Frequency	Estimated EPDs per Material
2301	Concrete Pavement	3,500 cubic yards	1 per mix design	4
2301	Dowel Bar	No minimum	1 per diameter	1
2301	Supplemental Pavement Reinforcement	No minimum	1 per source	1
2301	Drill & Grout Reinf Bar (Epoxy Coated)	No minimum	1 per source	1
2301	Reinforcement Bars (Incidental)	No minimum	1 per source	1
2360	Plant Mixed Asphalt Pavement	1000 tons	1 per mix design	2 to 3
2363	PASSRC and PASB	1000 tons	1 per mix design	1
2401	Concrete Bridge Construction	500 cubic yards	1 per mix design	3 to 5
2401	Reinforcement Bars	No minimum	1 per source	1
2401	Reinforcement Bars (Epoxy Coated)	No minimum	1 per source	1
2402	Steel Bridge Construction	No minimum	1 per source	3
2521, 2531	Walks and Concrete Curbing	500 cubic yards	1 per mix design	2
2521	Drill & Grout Reinf Bar (Epoxy Coated)	No minimum	1 per source	1
2533	Concrete Median Barriers	500 cubic yards	1 per mix design	2

Provide Type III Cradle-to-Gate EPDs meeting ISO standards ISO 21930, ISO 14025 and ISO 14040/44. Use product specific supply chain data, including an EPD for upstream cement or asphalt cement production for concrete and bituminous mixtures mix-design specific EPDs. Use industry average values when product specific supply chain data does not exist. Cradle-to-gate EPDs report on the production stage of the life cycle, encompassing A1 to A3 modules: raw material extraction, transportation to the plant, and manufacturing processes. When providing the Mix Name for the EPD, comply with the following mix naming conventions:

(1) Bituminous mixtures – Mix Number and MDR number (e.g., SPWEB340_PG58H-34, 0-2025-999)
(2) Concrete mixtures – Mix Number and RM, JMF, or PS Sheet Number (e.g., 3F52F, RMX999-999)

Notify the Engineer, prior to the preconstruction meeting, when a source does not have 12 months of data to support development of the EPD.

Produce EPDs files in Portable Document Format (PDF) or OpenEPD JavaScript Object Notation (JSON) Format using the following naming convention SP_Number_Pay Item Name_Mix Name_EPD.pdf. (e.g., SP1234-568_Bridge Slab Concrete_3YHPC-S_JMF25-999_EPD.pdf or SP1234-568_Reinforcement Bars_EPD.pdf.)

Submit Type III EPDs per source and location as shown in in Table SP2062-1, with the associated delivered quantities, in twelve weeks or less of completion of final installation of the Contract item to the Engineer and to epd.mn.dot@state.mn.us. Include the SP Project number, and when applicable, the MnDOT Mix ID for the concrete and asphalt mixtures in the subject line.

S-2.4 METHOD OF MEASUREMENT

The Engineer will measure Environmental Product Declaration by the number of Environmental Product Declarations, as shown in Table SP2062-1, submitted for each unique material and mix design.

S-2.5 BASIS OF PAYMENT

The Contract Unit Price for Environmental Product Declaration is compensation in full for developing and supplying the EPDs for the Materials required to complete the Work. The Engineer will pay for that EPD once per Contract when the same EPD is used for more than one pay item. The Engineer may pay for additional EPDs needed to complete the Work.

The Department will pay for Environmental Product Declaration shown in in Table SP2062.3-1 on the basis of the following schedule:

Item No.	Item	Unit
2062.602	Environmental Product Declaration	each

Table SP2062.3-1 - Materials Requiring EPDs

Spec No.	Description	Minimum Project Quantity	EPDs Required Frequency	Estimated EPDs per Material
2301	Concrete Pavement	3,500 cubic yards	1 per mix design	4
2301	Dowel Bar	No minimum	1 per diameter	1
2301	Supplemental Pavement Reinforcement	No minimum	1 per source	1
2301	Drill & Grout Reinf Bar (Epoxy Coated)	No minimum	1 per source	1
2301	Reinforcement Bars (Incidental)	No minimum	1 per source	1
2360	Plant Mixed Asphalt Pavement	1000 tons	1 per mix design	2 to 3
2363	PASSRC and PASB	1000 tons	1 per mix design	1
2401	Concrete Bridge Construction	500 cubic yards	1 per mix design	3 to 5
2401	Reinforcement Bars	No minimum	1 per source	1
2401	Reinforcement Bars (Epoxy Coated)	No minimum	1 per source	1
2402	Steel Bridge Construction	No minimum	1 per source	3
2521, 2531	Walks and Concrete Curbing	500 cubic yards	1 per mix design	2
2521	Drill & Grout Reinf Bar (Epoxy Coated)	No minimum	1 per source	1
2533	Concrete Median Barriers	500 cubic yards	1 per mix design	2

SEQ

STATEMENT OF ESTIMATED QUANTITIES

							SP 0416-55 TH 197	
							ROADWAY	CITY UTILITIES
NOTE	SHEET NO.	TAB	ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL ESTIMATED QUANTITY	ESTIMATED QUANTITY (A)	ESTIMATED QUANTITY (B)
			2011.601	AS BUILT	LUMP SUM	1	1	
			2016.601	CONTRACT MANAGEMENT	LUMP SUM	1	1	
			2016.601	PUBLIC INFORMATION MANAGEMENT	LUMP SUM	1	1	
			2021.501	MOBILIZATION	LUMP SUM	1	0.98	0.02
			2051.501	MAINT & RESTORATION OF HAUL ROADS	LUMP SUM	1	1	
			2062.602	ENVIRONMENTAL PRODUCT DECLARATION	EACH	4	4	

1

Concrete Mix EPDs Naming Requirements

Standardize EPD names so mixes can be traced to MnDOT-approved sources

Required Data Fields (must be present):

- **MnDOT Mix Number** (e.g., RM051)
- **Corresponding Sheet Number** (RMX / RMS / JMF / PS — must match supplier sheet ID)
- **MnDOT Grade** (A, B, C, F, etc.)
- **Supplying Plant Location** (must match the plant that produced the mix)

Asphalt Mix EPDs Naming Requirements

Ensure asphalt EPDs capture design, specification, and project traceability

Required Data Fields (must be present):

- **Mix Design Report Number (MDR #)**
- **Specification Entity**
- **Specification Number** & Mixture Designation
- **Gradation Type** (Dense, Open, Gap)
- **Mix Design Method** (Superpave)
- **Nominal Maximum Aggregate Size** (NMAS, mm)
- **Performance Grade (PG)** of Asphalt Binder
- **MnDOT Project Number** (SP####-###) and **Roadway** (e.g., TH###)

Data Analysis Focus Areas

- Identify **trends** and **outliers**
- Determine **impacts of underlying items**
- Understand where **site-specific** vs. **industry-average** data is used
- Evaluate **precision** in reported data
- Consider **Mixture Specification influences**:
  - RAP percentages
  - Supplementary cementitious materials

Data Analysis Focus Areas

- Identify **trends** and **outliers**
- Determine **impacts of underlying items**
  - Identify which mix ingredients or parameters most influence EPD results
  - See which factors push GWP up or down
  - Understand sensitivity of the EPD to specific inputs
- Understand where **site-specific** vs. **industry-average** data is used
- Evaluate **precision** in reported data
- Consider **Mixture Specification influences**:
  - RAP percentages
  - Supplementary cementitious materials

Underlying Item Impacts

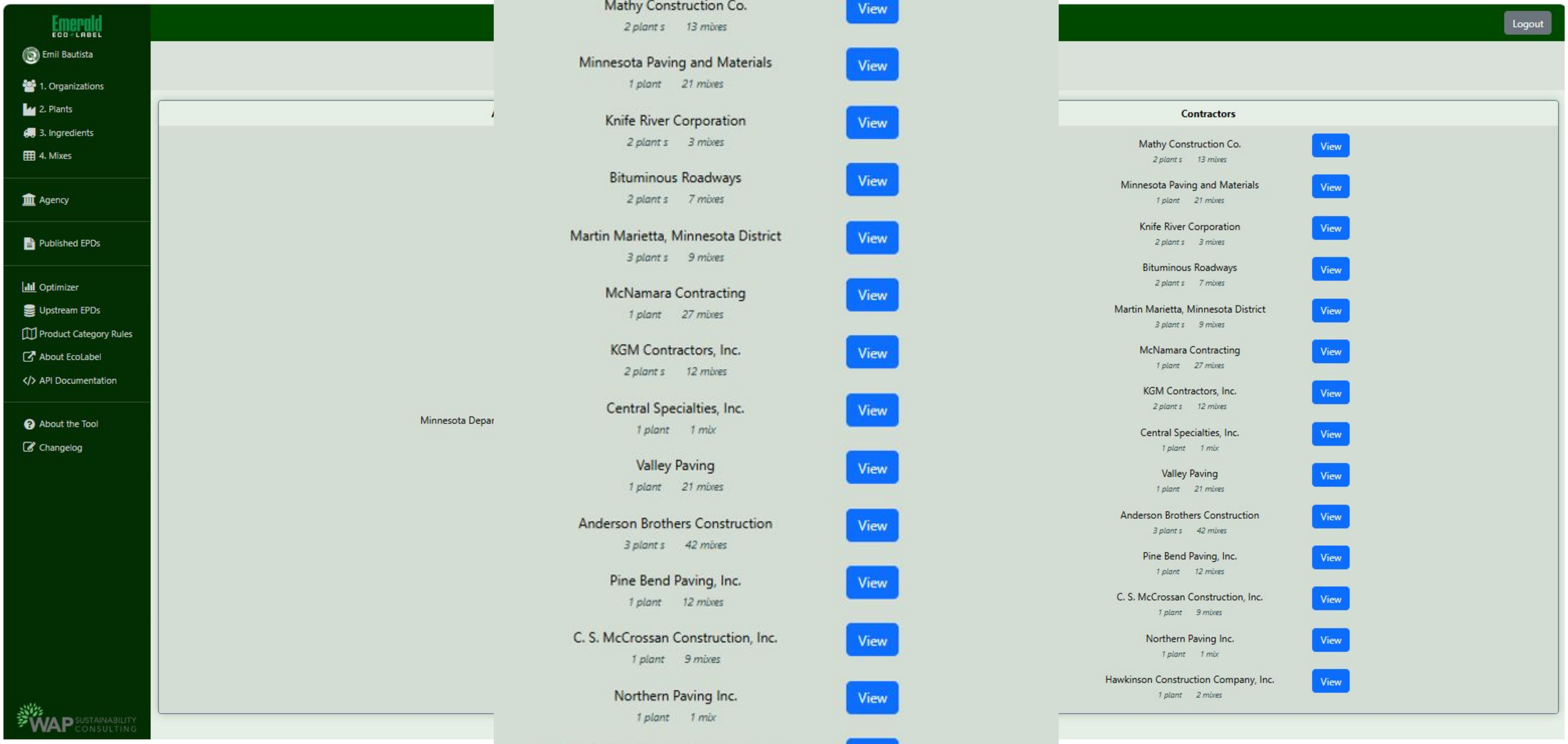
- Cement content
  - Largest driver of GWP in most concrete mixes
- SCM percentages
- RAP/RAS percentages
- Binder grade and dosage
- Aggregate production energy
- Haul distances
- Plant energy use (fuel type, efficiency)

Why this matters?

- Helps spot **abnormal** or **inconsistent EPDs**
- Explains **differences caused** by **mix-design choices**
- Supports **evaluating** whether **submitted mixes** are **reasonable**
- Improves MnDOT's ability to **interpret, compare, and validate EPDs**

Lettings

District	Number of Projects	Estimated number of EPDs			
		Asphalt Mix	Concrete Mix	Steel	Total
D1	7	11	6	3	20
D2	6	6	4	2	12
D3	14	26	31	16	73
D4	5	10	19	9	38
Metro	25	50	84	39	173
D6	7	9	2	0	11
D7	8	14	27	13	54
D8	6	9	15	7	31
Grand Total	78	135	188	89	412


Emerald ECO LABEL
Emil Bautista
1. Organizations
2. Plants
3. Ingredients
4. Mixes
Agency
Published EPDs
Optimizer
Upstream EPDs
Product Category Rules
About EcoLabel
API Documentation
About the Tool
Changelog
WAP SUSTAINABILITY CONSULTING
Logout
Minnesota Depar
Contractors
Mathy Construction Co.
2 plant s 13 mixes
View
Minnesota Paving and Materials
1 plant 21 mixes
View
Knife River Corporation
2 plant s 3 mixes
View
Bituminous Roadways
2 plant s 7 mixes
View
Martin Marietta, Minnesota District
3 plant s 9 mixes
View
McNamara Contracting
1 plant 27 mixes
View
KGM Contractors, Inc.
2 plant s 12 mixes
View
Central Specialties, Inc.
1 plant 1 mix
View
Valley Paving
1 plant 21 mixes
View
Anderson Brothers Construction
3 plant s 42 mixes
View
Pine Bend Paving, Inc.
1 plant 12 mixes
View
C. S. McCrossan Construction, Inc.
1 plant 9 mixes
View
Northern Paving Inc.
1 plant 1 mix
View
Hawkinson Construction Company, Inc.
1 plant 2 mixes
View
Contractors
Mathy Construction Co.
2 plant s 13 mixes
View
Minnesota Paving and Materials
1 plant 21 mixes
View
Knife River Corporation
2 plant s 3 mixes
View
Bituminous Roadways
2 plant s 7 mixes
View
Martin Marietta, Minnesota District
3 plant s 9 mixes
View
McNamara Contracting
1 plant 27 mixes
View
KGM Contractors, Inc.
2 plant s 12 mixes
View
Central Specialties, Inc.
1 plant 1 mix
View
Valley Paving
1 plant 21 mixes
View
Anderson Brothers Construction
3 plant s 42 mixes
View
Pine Bend Paving, Inc.
1 plant 12 mixes
View
C. S. McCrossan Construction, Inc.
1 plant 9 mixes
View
Northern Paving Inc.
1 plant 1 mix
View
Hawkinson Construction Company, Inc.
1 plant 2 mixes
View

PROGRAM WORKFLOW

Partnering with MnDOT to streamline Buy Clean Buy Fair reporting.

BuiltCold adapts to agency workflows and reporting requirements, streamlining how low-carbon transportation materials are managed.

EPD SOURCES

- EC3
- Emerald Eco-Label
- Agency-Owned
  MNDOT EXISTING DATASET
- Supplier-Requested

01
SOURCE
EPDs from libraries, agency holdings, and supplier requests

02
ENRICH
MnDOT adds performance and subclassification attributes

03
MAP
EPDs match Reference Items, showing what a project requires

04
TRACK
Installed quantities allocate to matched EPDs for emissions results

● INTEGRATION PENDING

Reference Items and quantities via AASHTOWare

Next Steps

Next Steps

- **Fall 2026**
  - Program Implementation and Operationalization
  - Track PCR / EPD updates and industry updates
  - **ESPTF Mtg # 14 (In-Person)**
    - Thursday, November 12, 2:00PM - 4:00PM
    - MnDOT Technical Certification Center, 1400 Gervais Avenue, Maplewood, MN, 55109
  - December 2026 Legislative Report updates
- December 2027 Legislative Report updates
- 2028, January 15 - Establish a maximum Global Warming Potential (GWP) for **structural steel** and, after conferring with the commissioner of transportation, for **asphalt paving mixtures** and **concrete pavement**

Minnesota Task Force Timeline

2023
October 1 - Task Force established

2024
- February 22 - EC Context: Concrete and Asphalt
- March 14 - EC Context: Steel, Rebar and Other Materials
- April 25 and May 23 - Bidding and Procurement
- July 1 - Pilot Program begins
- Summer/Fall - Material-specific and Pilot Program Working Groups (WG)
- Oct 23 - ESPTF Mtg#6: Concrete and Asphalt WG
- Nov 20 - ESPTF Mtg#7: Steel and Rebar WG
- Dec 18 - ESPTF Mtg#8: Pilot Program and Other Materials

2025
- March 19, 2025 - Mtg#9: Task Force Recommendations
- May 8, 2025 - Draft Report sent to Task Force for comment
- Spring - Draft Report, Select Grant Awardees & Distribute Funds
- Summer/Fall - Draft Report Staff Reviews and Revisions
- Oct 8 - Mtg#10: TF Recommendations & Legislative Report
- December 1 - Report to the Legislature

2026
- January 15 - Global Warming Potential (GWP) established for concrete and rebar used in buildings.
- April 22 - ESPTF Mtg#11 (Virtual)
- June 17 - ESPTF Mtg#12 (In Person) - Maplewood, MN
- July 15 - Implementation date of GWP limits/EPD disclosure requirements (projects letting on or after this date)
- August 19 - BuiltCold Database Training (In Person, TBD)
- September 16 - ESPTF Mtg#13 (Virtual)
- **November 12 - ESPTF Mtg#14 (In-Person)** - Maplewood, MN
- **December 1** - Report to the Legislature

2027
- December 1 - Report to the Legislature

2028
- January 15 - Establish a maximum GWP for structural steel and, after conferring with the commissioner of transportation, for asphalt paving mixtures and concrete pavement
- December 1 - Report to the Legislature

2029
- January 1 - Task Force ends

Member Discussion and Questions

Public Comments and Questions