

BUILDINGENERGY BOSTON

Scaling Low Carbon: Market Transformation for Building Products

**Barbra BatShalom (BuildingEase)
Annie Bevan (mindfulMaterials)**

Curated by Clay Tilton

**Northeast Sustainable Energy Association (NESEA)
March 28, 2023**

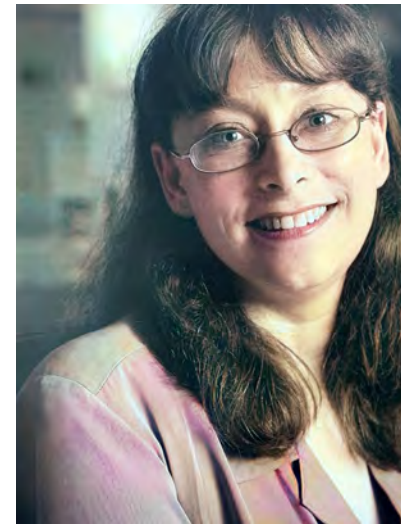
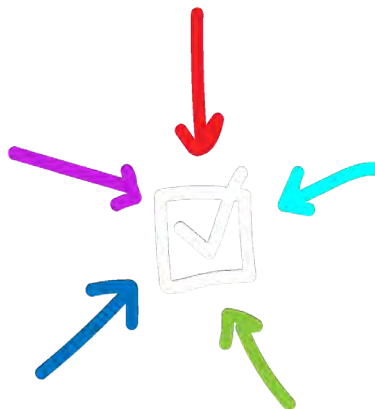


Annie Bevan

CEO, mindful MATERIALS
CEO, SMS Collaborative, LLC



Introductions



Barbra BatShalom

CEO, BuildingEase, Inc.
Sustainable Performance Institute



WHAT DO YOU HOPE TO GET OUT OF THIS SESSION ?



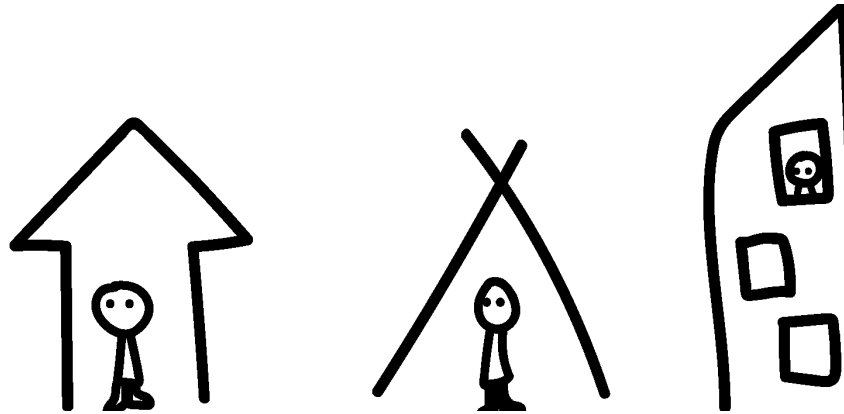
Agenda:

- Introductions & Level Setting
- How do you define a Sustainable Material? (Exercise)
- An overview of mM & The Common Materials Framework
- Making Low Impact Materials a Reality (Exercise)
- Scaling Operational Alignment into your Workflow
- Q&A



o n b o t m i c c n z a t w m z i
s i p u u o s w z n p
a
j p a m
o t i n g m t y e f o g n a e
w C v a e
u





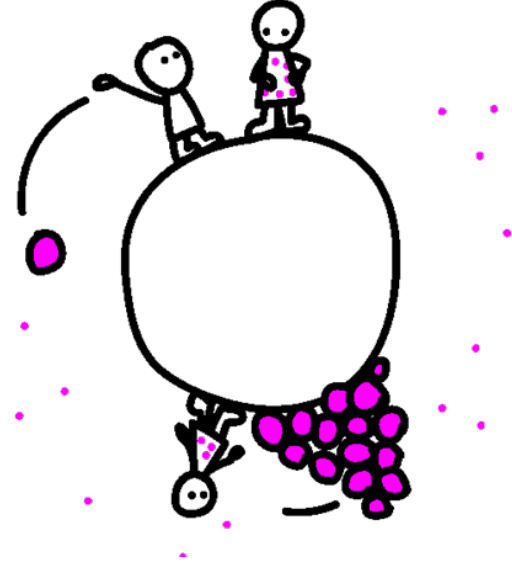
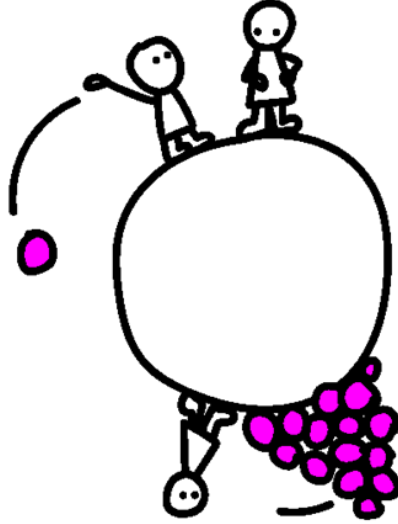
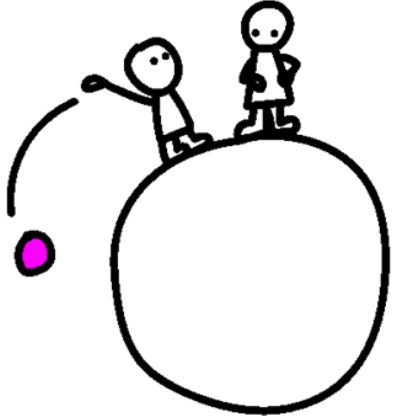
shelter : an essential human need

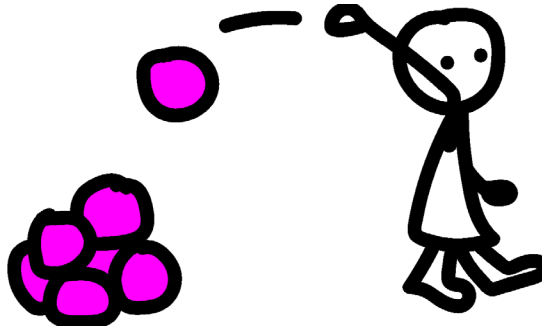
to build/design shelter we need resources



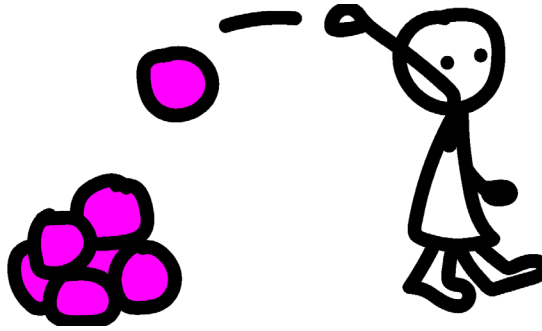
the **disconnect** of mindless
materials in the built environment

“yeah you just
throw it **away!**”





from mindless decisions



from mindless decisions



to mindful
materials

What type of info is used for decision making?

Reporting through 3^d Party Standards & Certifications

Standards & Certifications....



Compliance with....



Just.



600+ sustainability certifications are used in the market today for product and building evaluation

3xN-GxN Guide to Sustainable Building Certifications



How does someone make better decisions?

Challenges in Comparing Diversity of Metrics from Dissimilar Rating Systems



Declare.



EPD®



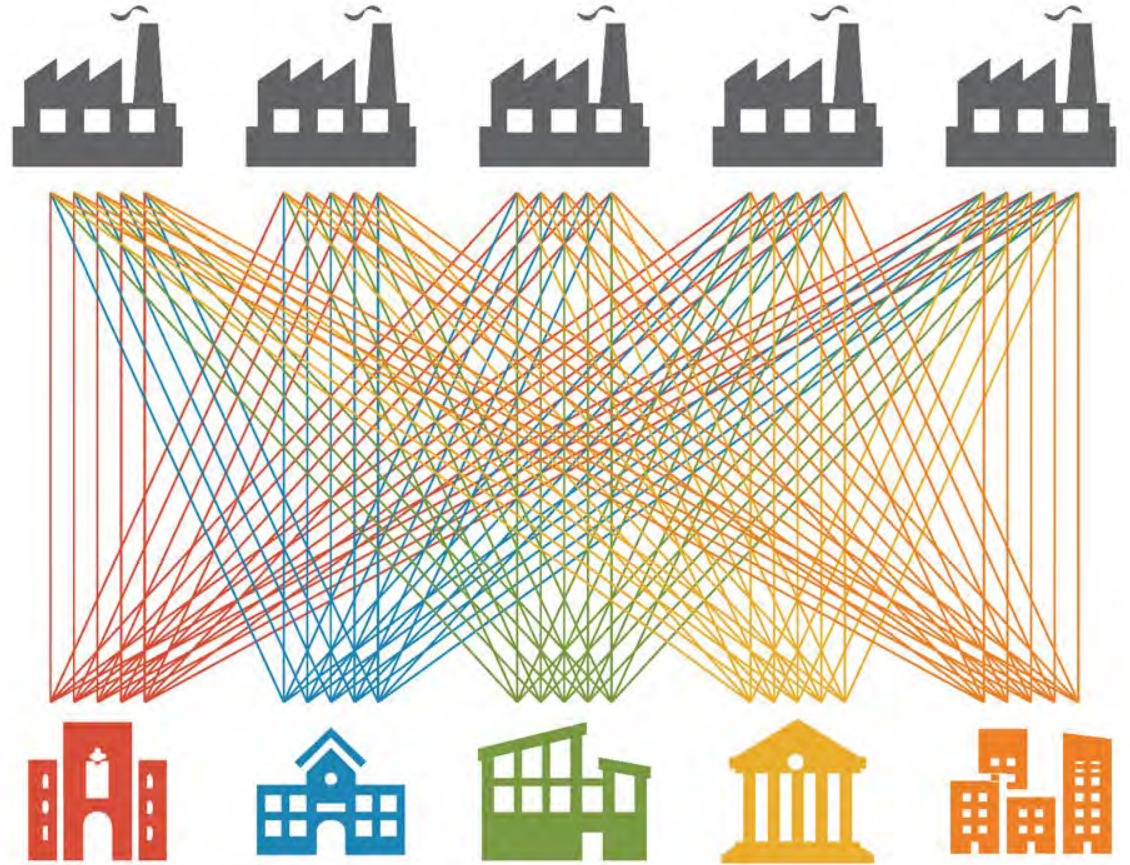
DISSIMILAR STANDARDS AMONG OWNERS

VARIABILITY IN CHEMICAL CLASS TARGETS

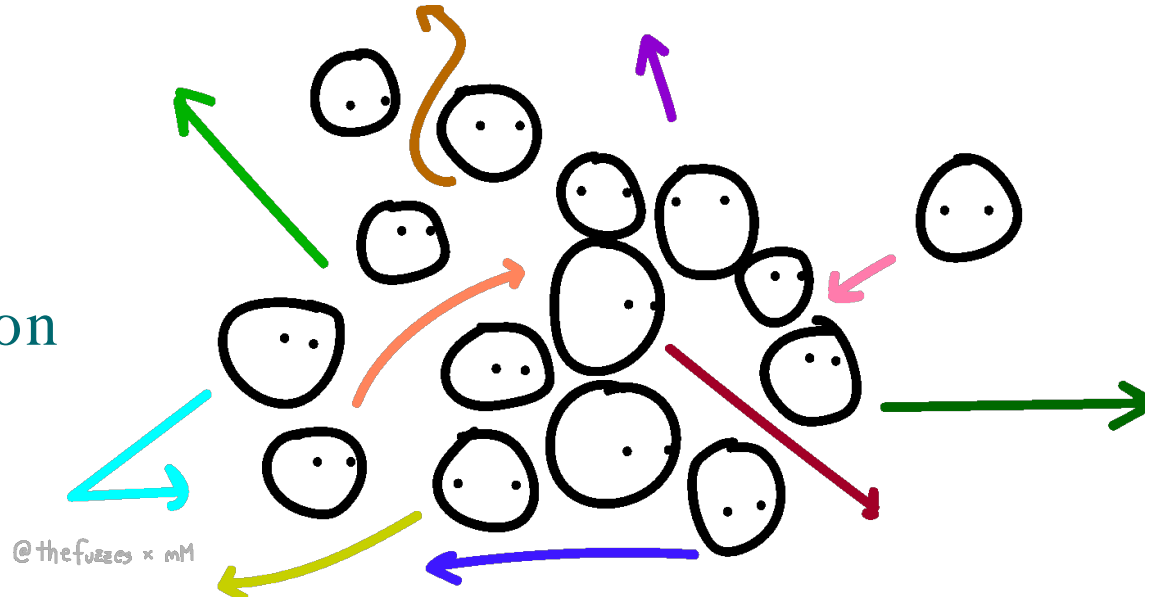
Chemical Class	Owner A	Owner B	Owner C
PFAS	X	X	X
Flame Retardants	X	X	X
Antimicrobials	X		X
PVC		X	X
Ortho-Phthalates	X	X	X
Bisphenols		X	X
Fly Ash	X		
Formaldehyde		X	X
Polyurethane	X	X	
Styrene Butadiene	X		
Alkylphenols		X	X

THE CURRENT MODEL

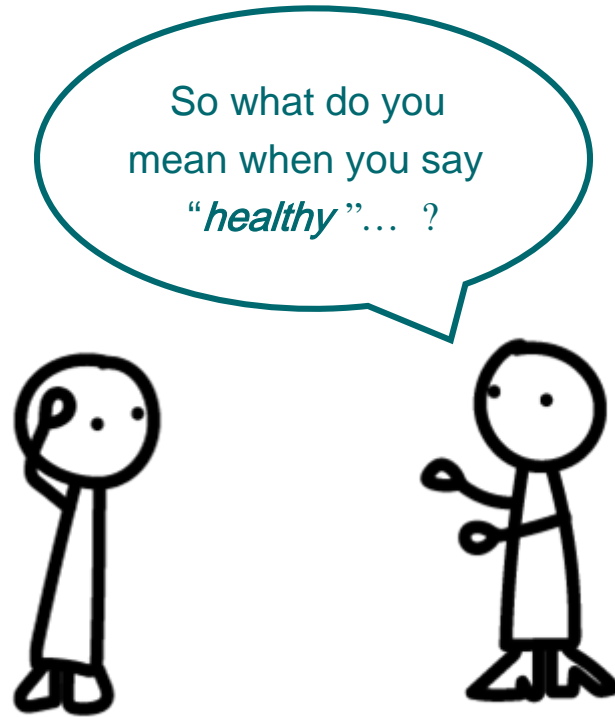
- Different Criteria & Standards = Different Asks
- Responding to each RFI individually and manually



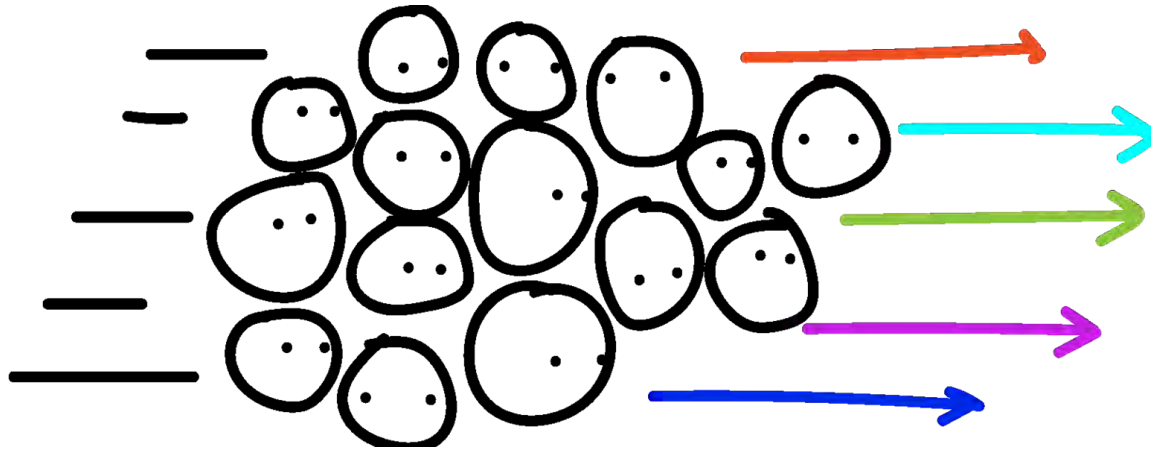
More Action
without Alignment
Yields More Confusion



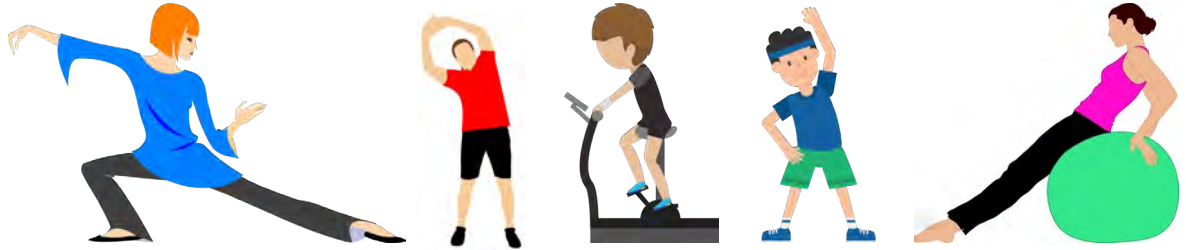
Need for a Common Language



Aligned Action = Momentum



EXERCISE



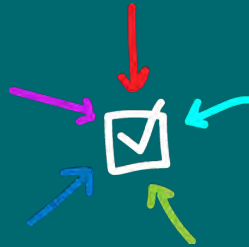
In small groups (3 people) quickly brainstorm how YOU would categorize and define what makes a product “sustainable”

You will have 10 minutes, so don't focus on or debate one aspect – rather challenge yourselves to quickly list what matters!

(if a product manufacturer asked you what would make their product sustainable – what would you tell them?)



mM & the common materials framework



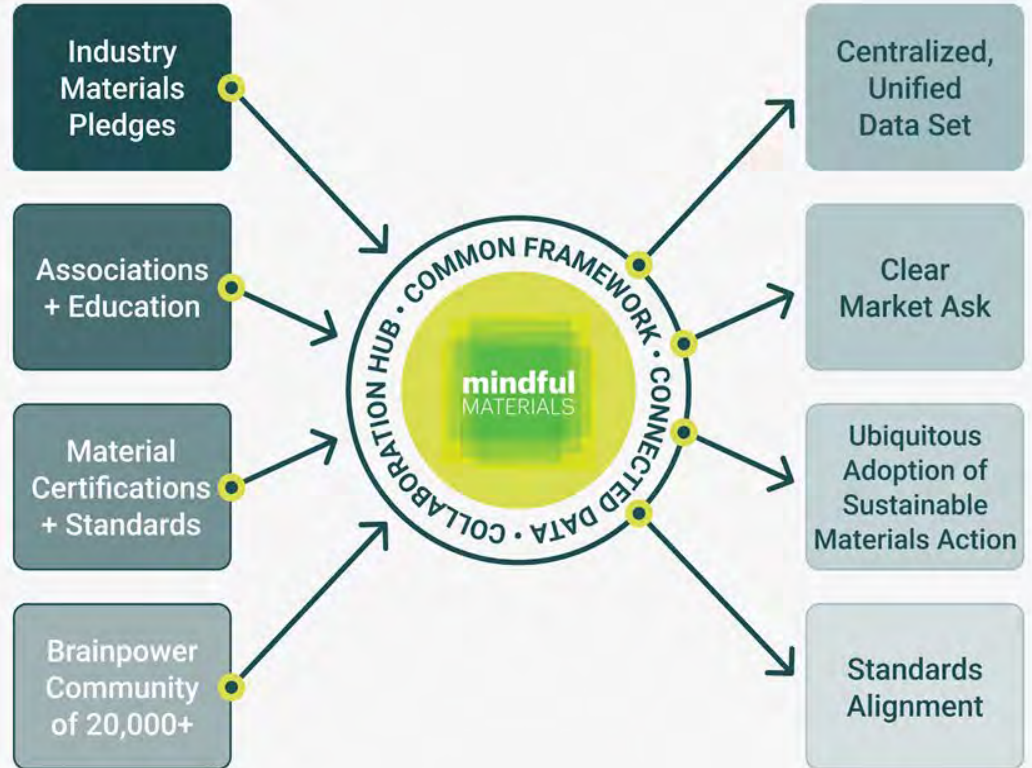


A Unifying Force

Think of mindful MATERIALS as the UN of Sustainable Materials, bringing people, certifications, standards pledges, organizations, and workflows together to build common ground and alignment.

All so that we can scale the manufacture and use of sustainable materials further, faster, together.

- Resources
- Events + Education
- Forums + Volunteers
- Partnerships





Minding the Gap

Material sustainability is often considered the most complicated and time-consuming part of many green building certifications — and those projects are often the only time that materials strategy is taken seriously. Material embodied impacts remain too easy to ignore, and too complicated to confidently make decisions.

Working in siloes has produced different definitions, data sets and demand signals, widening gap between the leaders and the rest of the industry. The result? More confusion, and less adoption and impact.

That's why the industry needs a neutral space to convene, learn, and build a common language and aligned foundation.

INNOVATORS + EARLY ADOPTERS



Demand, data, certifications and systems are all built on a different definition of materials sustainability — widening the gap between those who have the resources and knowledge to navigate the complexity, and those who don't.

INDUSTRY MAJORITY

HOW WE OPERATE

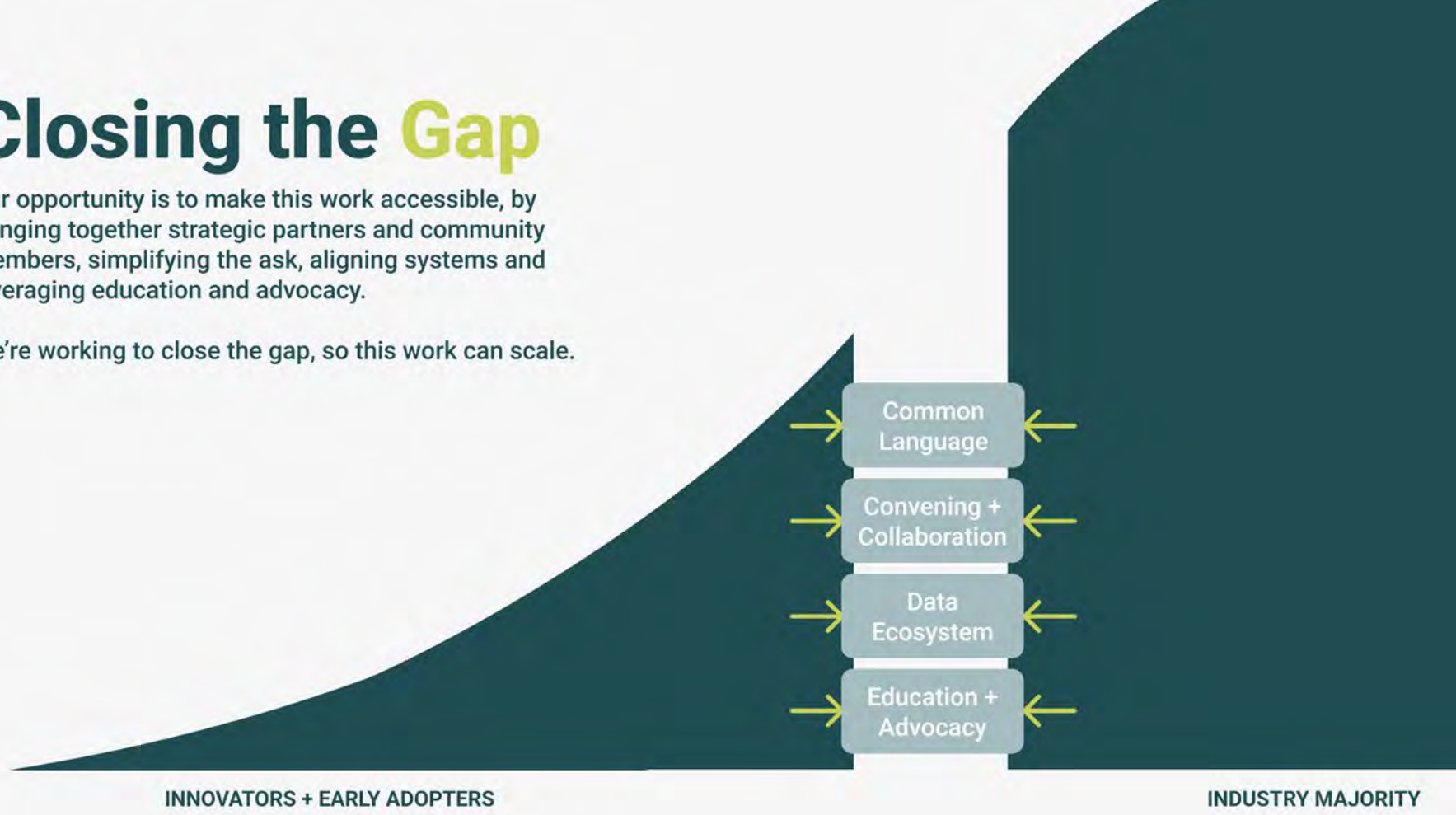


Closing the Gap

Our opportunity is to make this work accessible, by bringing together strategic partners and community members, simplifying the ask, aligning systems and leveraging education and advocacy.

We're working to close the gap, so this work can scale.

HOW WE OPERATE



INNOVATORS + EARLY ADOPTERS

INDUSTRY MAJORITY



Strategy Overview

mindful MATERIALS harnesses collective demand to build scalable solutions to our shared material sustainability challenges.

Focus —

The embodied impacts of building materials are multi-faceted, interconnected and global. **We elevate the importance of holistic materials sustainability** for every product and every project.

Convene —

Market shift doesn't happen in a vacuum. **We provide a neutral space** (certification-agnostic) that assembles cross-functional expertise to understand and solve problems, together.

Unify —

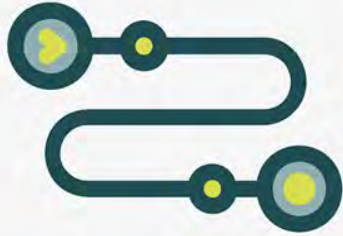
Energy in a lot of different directions yields no momentum. **We build + translate common ground** into a clear market signal so that our work drives aligned action and meaningful change.

Scale —

There are very practical limitations to growth. **We're working to activate, translate, and connect data flows using a common framework to help you** make more informed decisions about materials everywhere you work.



What We are **Doing**



Aligned Roadmap

Aligning industry purchasing powers via a unified language to drive clear demand for sustainable products



Clearer, Better Data

Bringing new clarity and value to third party standards, rapidly scaling the availability of quality sustainability data via third party standards adoption.



Engaged Community

Fostering a community of diverse stakeholders with the knowledge to demand and enable materials action.





A Foundation for Action

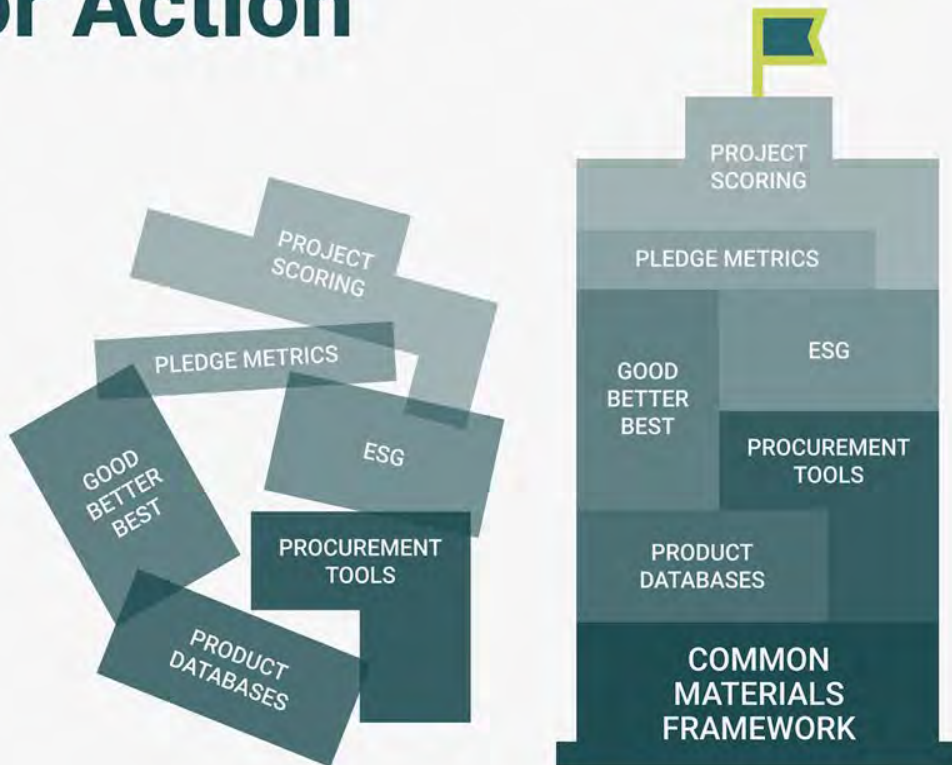
Eventually, you'll use the mM Common Materials Framework (CMF) every day to make decisions – but you might never know it's there. It's designed to live behind the scenes in your favorite workflow tool(s), organizing, aligning and connecting data.

Scoring projects for their material impacts is the future – but it doesn't work without a solid foundation.

The mM CMF enables the advanced functionality employed by procurement tools, ESG systems, product databases.

**We don't set the metrics.
We make them possible.**

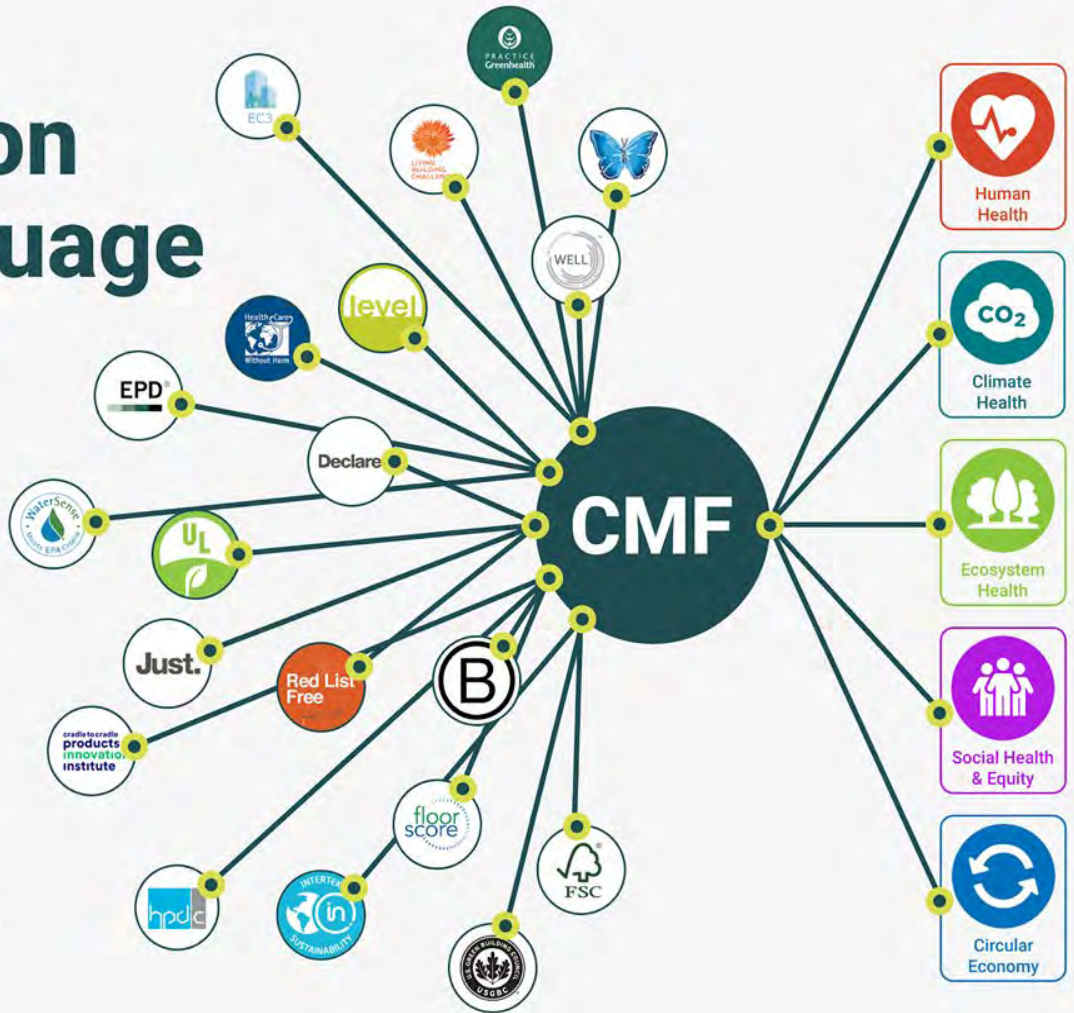
HOW WE OPERATE



CMF: A Common Materials Language

The Common Materials Framework (CMF) is the outcome of the most detailed cross-stakeholder industry effort to-date to analyze and contextualize over 100 of the most common building product and material certifications and disclosures.

The framework gives structure to over 650 data 'factors' identified within these programs relevant to material sustainability, organizing them within 5 'buckets' of health and sustainability, thus defining the broad categories first identified in the [AIA A&D Materials Pledge](#). This framework gives us a 'common language' that can be adopted by anyone or any platform, to understand and demonstrate the embodied impacts of products.



Together Mapping the Materials Landscape

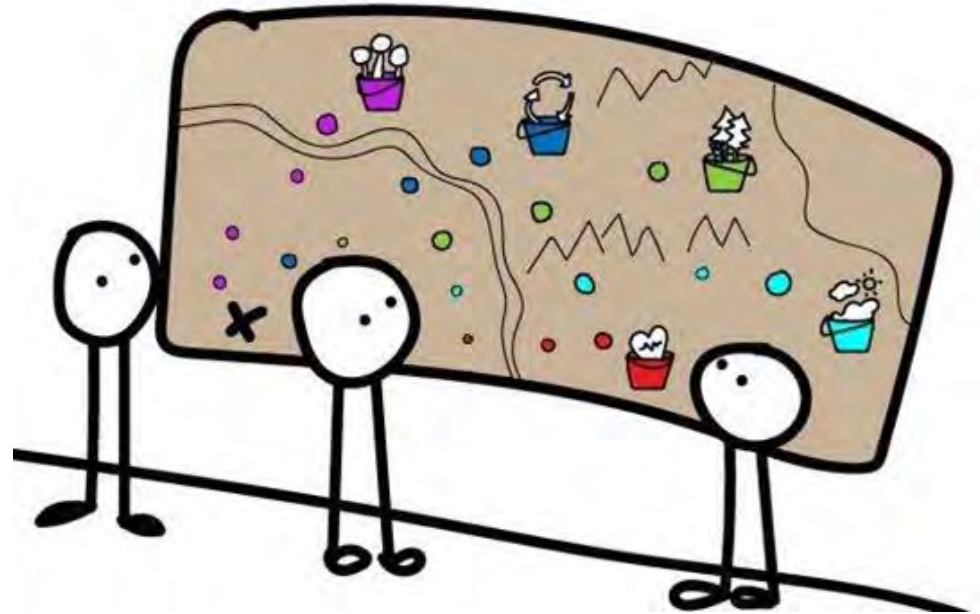
CONTENT ADVISORY BOARD (CAB)



CONTENT WORKING GROUP (CWG)



ECOSYSTEM PARTNERS



Developing the Common Materials Framework (CMF)

Buckets and Sub-buckets



**HUMAN
HEALTH**

Substances

VOCs

Company Human
Health Impacts



**CLIMATE
HEALTH**

Embodied Carbon

Company Carbon



**Ecosystem
Health**

Pollution

Product Water
Footprint

Company Water
Footprint

Biodiversity &
Conservation

Life Cycle Env.
Impacts



**Social Health &
Equity**

Company
Workplace

Supply Chain

Community



**Circular
Economy**

Sourcing

End-of -Life

Packaging

Waste

Company
Circularity

Common Materials Framework (CMF) Structure

Buckets

The 5 major buckets, as aligned by industry pledges



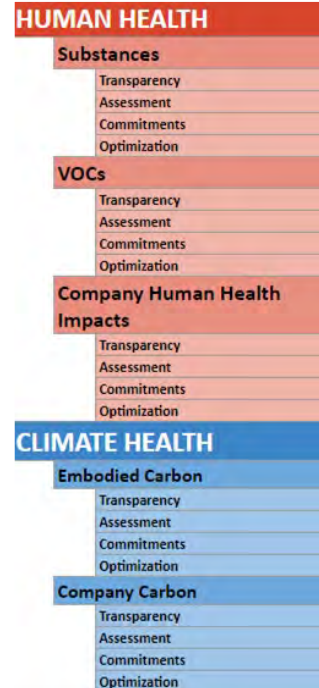
Sub-Buckets

Each bucket includes sub-buckets to further differentiate impact areas



TACO Structure

Each sub-bucket then has 4 sections, **Transparency**, **Assessment**, **Commitments**, and **Optimization** (TACO)








Factors & Sub -Factors

Within each section are the specific factors and sub-factors that are relevant to the type of evaluation

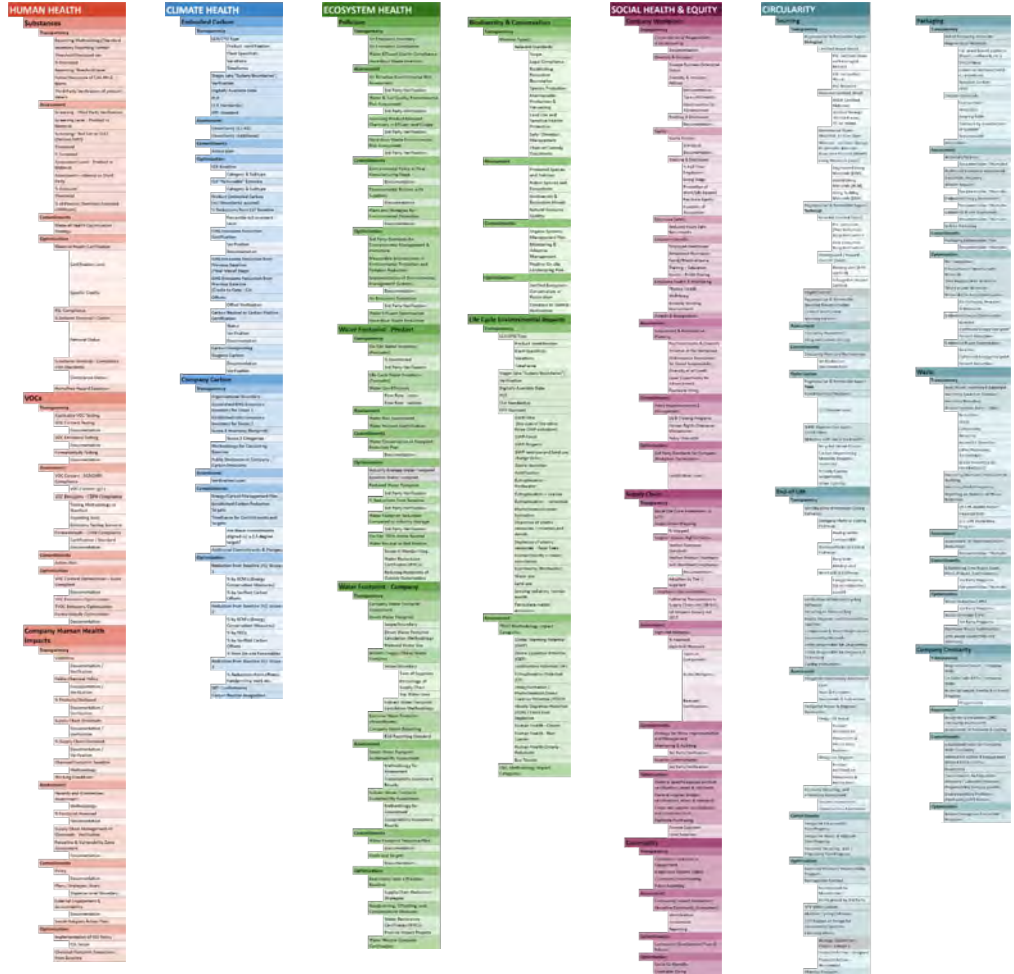


Identifying the Major Standards Relevant to each Impact Area

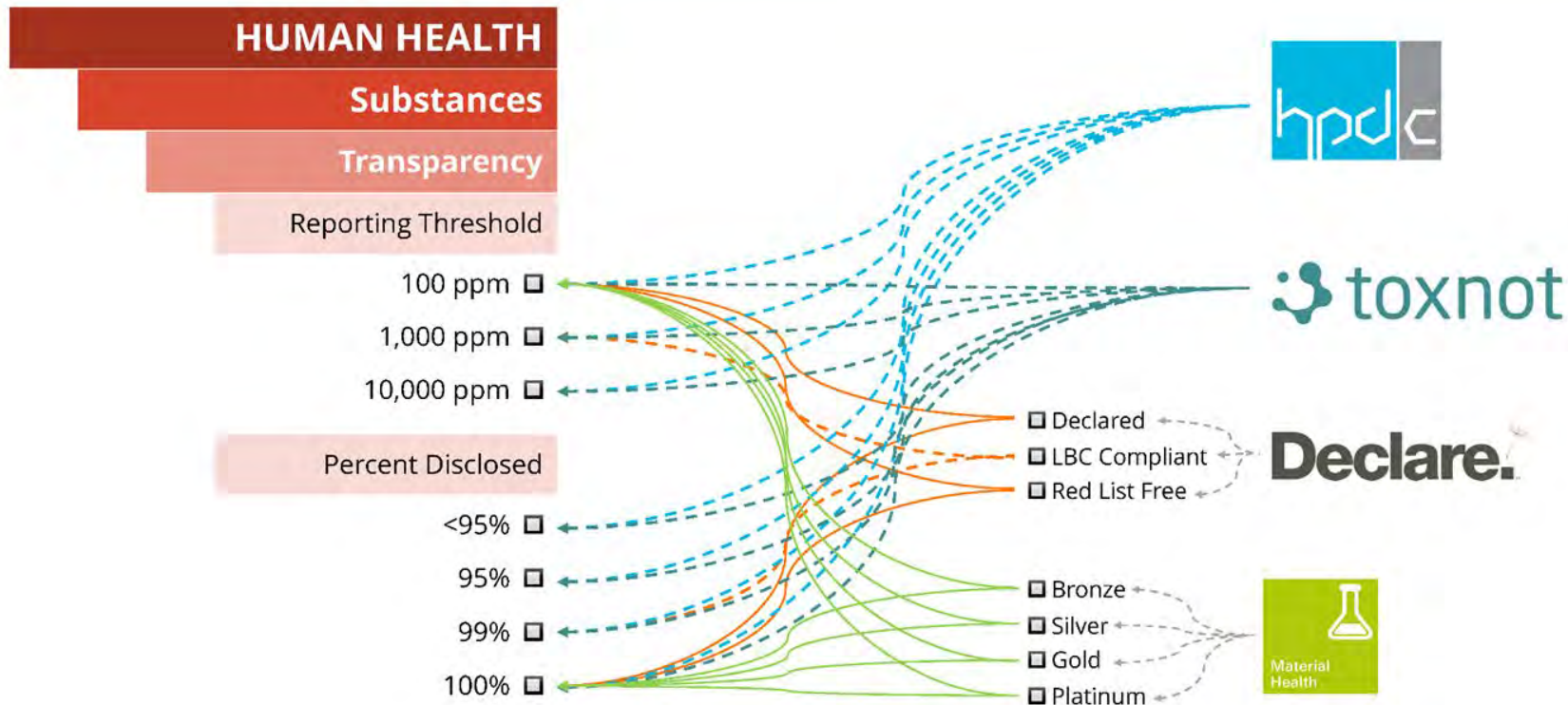
A&D Materials Pledge Bucket Description	CMF Sub-Buckets	Some Contributing Programs + Standards
 <p>support HUMAN HEALTH by preferring products that support and foster life throughout their life cycles and seek to eliminate the use of hazardous substances.</p>	<p>substances</p> <p>VOCs</p> <p>Company human health impacts</p>	<p>HPD, Declare, C2C, BIFMA, LPC, GreenCircle CEF</p> <p>CDPH, SCS Indoor Advantage, GreenGuard, BIFMA, SCAQMD</p> <p>Chemical Footprint Project, Living Product Challenge, BIFMA, C2C</p>
 <p>support CLIMATE HEALTH by preferring products that reduce carbon emissions and sequester more carbon than emitted.</p>	<p>embodied carbon</p> <p>company carbon</p>	<p>LCA, EPD, EC3, LPC, GreenCircle CEF</p> <p>SBTi, CDP, GRI, GreenCircle Carbon Footprint Reduction, GreenCircle CEF</p>
 <p>support ECOSYSTEM HEALTH by preferring products that support and regenerate the natural air, water, and biological cycles of life through thoughtful supply chain management and restorative company practices</p>	<p>pollution</p> <p>Water footprint (product)</p> <p>Water footprint (company)</p> <p>Biodiversity & conservation</p> <p>Life cycle environm. impacts</p>	<p>BIFMA, C2C</p> <p>LPC, C2C, BIFMA, GreenCircle CEF, WaterSense</p> <p>Global Water Footprint Assessment Standard, Alliance for Water Stewardship, CDP, GRI, B-Corp</p> <p>LPC, C2C, SCS Environmentally Preferable Product Certified, FSC, SFI, BIFMA</p> <p>LCA, EPD, TRACI (US EPA)</p>
 <p>support SOCIAL HEALTH & EQUITY by preferring products from manufacturers that secure human rights in their operations and in their supply chains, positively impacting workers and communities where they operate</p>	<p>Supply chain</p> <p>Company workplace</p> <p>Community</p>	<p>ILO, FSC, C2C, LPC, Copper Mark, PEFC, Design for Freedom</p> <p>JUST, B-Corp, UN Global Compact, C2C, LPC, BIFMA</p> <p>BIFMA, JUST, FSC Certified, Certified B-Corp, LPC</p>
 <p>support a CIRCULAR ECONOMY by reusing and improving buildings and by designing for resiliency, adaptability, disassembly, and reuse, aspiring to a zero-waste goal for global construction activities.</p>	<p>sourcing</p> <p>End of life</p> <p>packaging</p> <p>Company circularity</p> <p>waste</p>	<p>FSC, SFI, USDA Biobased, ANSI 373 Sustainable Stone, C2C, LPC, BIFMA, Ecologo, GreenCircle, SCS Verifications</p> <p>C2C, LPC, GreenCircle Closed Loop Product Certification, UL claims, SCS claims</p> <p>FSC, SFI, LPC, C2C, USDA Biobased</p> <p>C2C, TRUE certification</p> <p>TRUE Certified, LPC, BIFMA, SCS Zero Waste, NSF Landfill-free, Greencircle Zero Waste</p>

Across 5 Buckets
600+ Factors from
150+ Standards

This is the
common language



Mapping Certifications & Reporting Data to Factors



Certifications & Data are Framed in Common Context



Humanscale
Building Furnishings / Furniture

Humanscale Diftrent Smart™ / 20703
Category: Building Furnishings
Subcategory: Furniture
Type: Chairs & Stools

HUMAN HEALTH

- BIFMA LEVEL 8 Certificate Number and Link to Document: LEVEL 3 (1026-8CF-05106) Certified by SCS Global Services valid until 2024-09-01 to 2024-09-01
- CDPH Standard Method V1.2-2017: 27466 (version 2.2) 3rd Party Verified valid until 2024-03-17 to 2024-12-27
- Health Product Declaration (HPD): LBC Red List Free (MSC-0144, version 2) Certified by WAP Sustainability Consulting 3rd Party Verified valid until 2023-07-01
- Living Building Challenge Decal: LBC Red List Free (MSC-0144, version 2) Certified by WAP Sustainability Consulting 3rd Party Verified valid until 2023-07-01
- SCS Indoor Advantage Gold: Furniture (SCS-AD-03426) Certified by SCS Global Services valid until 2019-11-01 to 2022-10-31

ECOSYSTEM HEALTH

- Life Cycle Assessment: Yes
- Life Cycle Assessment URL: External Link: [go](#)
- Life Cycle Assessment Verified by 3rd Party: Yes
- Living Building Challenge Decal: LBC Red List Free (MSC-0144, version 2) Certified by WAP Sustainability Consulting 3rd Party Verified valid until 2023-07-01

CLIMATE HEALTH

- Life Cycle Assessment: Yes
- Life Cycle Assessment URL: External Link: [go](#)
- Life Cycle Assessment Verified by 3rd Party: Yes
- Living Product Challenge: Living Product Challenge Certified by International Living Future Institute valid until 2024-06-15

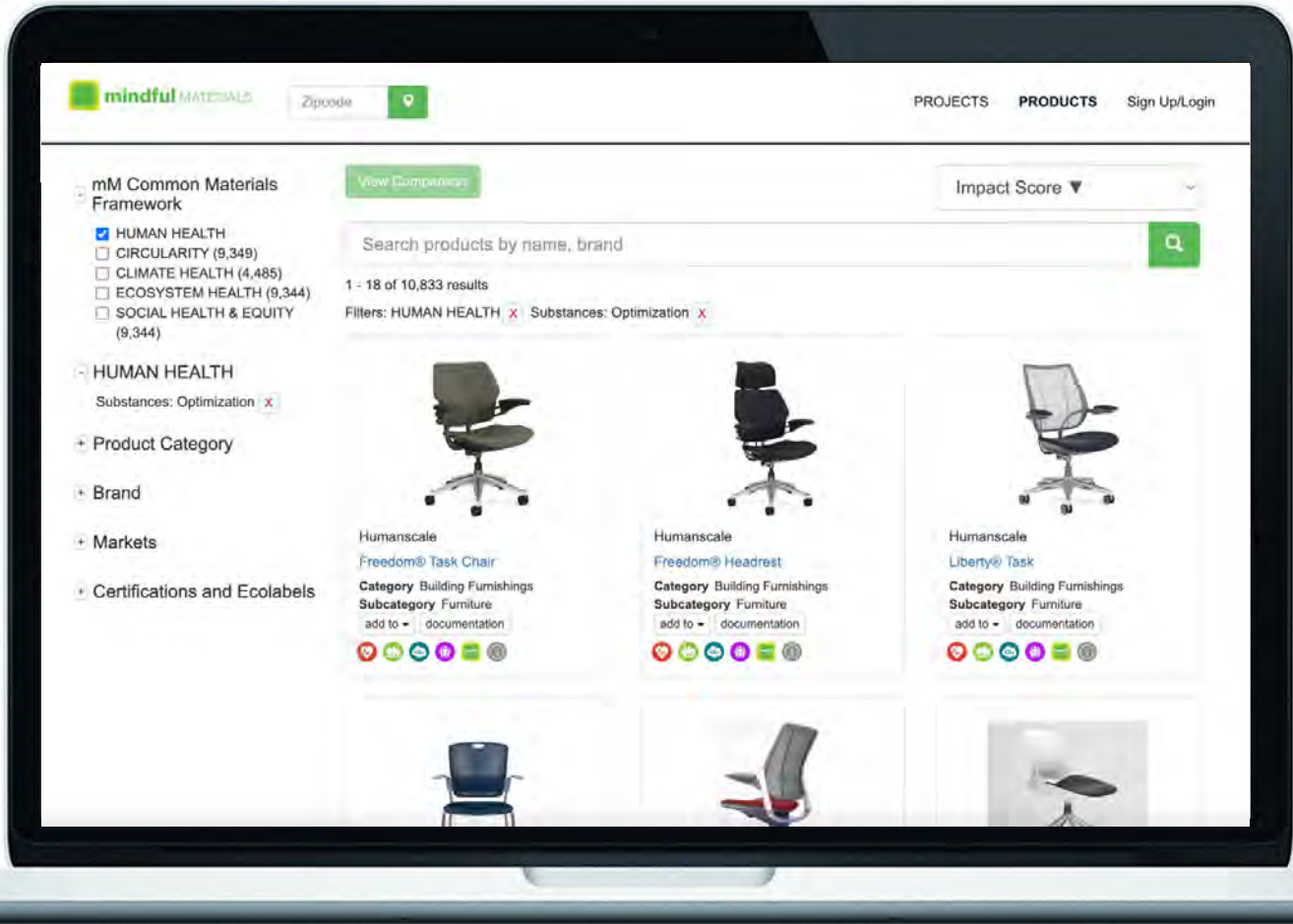
CIRCULAR ECONOMY

- BIFMA LEVEL 8 Certificate Number and Link to Document: LEVEL 3 (1026-8CF-05106) Certified by SCS Global Services valid until 2024-09-01 to 2024-09-01
- Living Product Challenge: Living Product Challenge Certified by International Living Future Institute valid until 2024-06-15

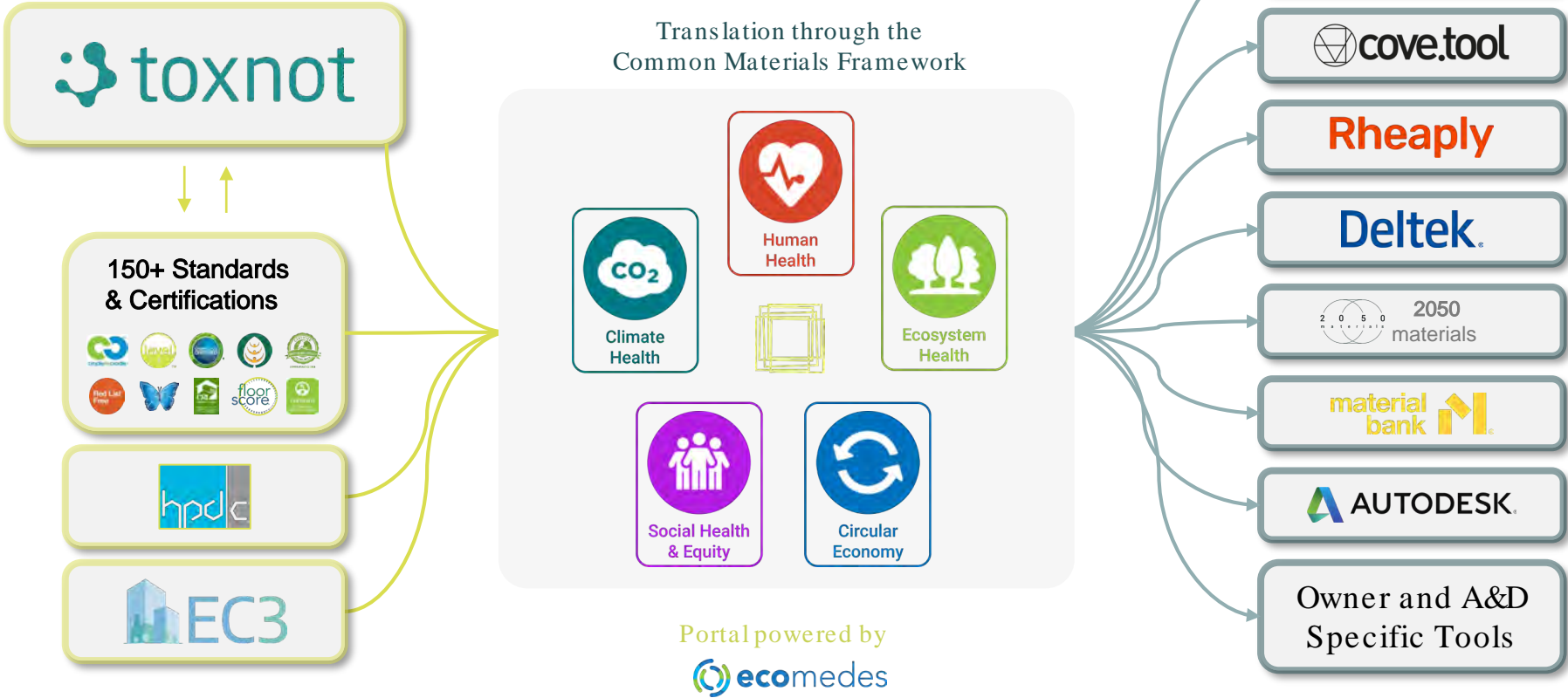
SOCIAL HEALTH & EQUITY

- BIFMA LEVEL 8 Certificate Number and Link to Document: LEVEL 3 (1026-8CF-05106) Certified by SCS Global Services valid until 2024-09-01 to 2024-09-01
- Living Product Challenge: Living Product Challenge Certified by International Living Future Institute valid until 2024-06-15

Beta
Portal
is now
live!



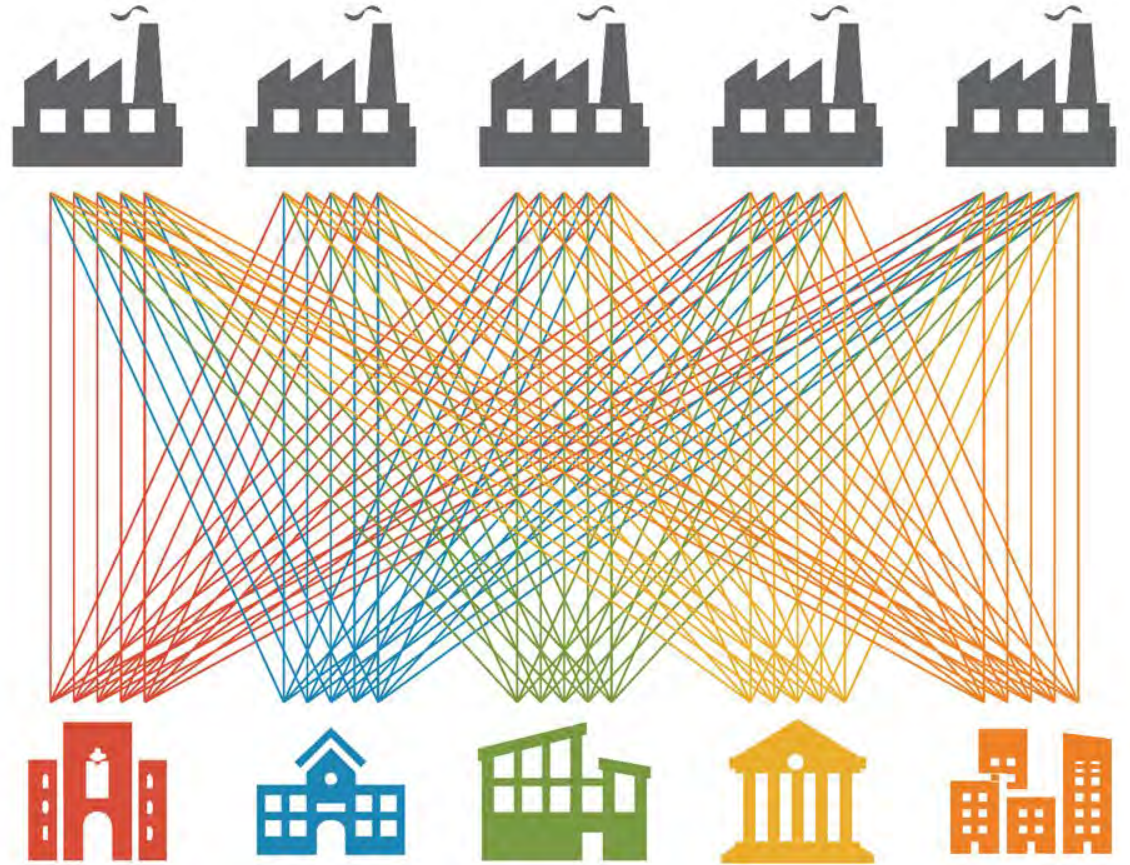
Future Flow State



“The Coolest Sandbox for Everyone to Collaborate on holistically sustainable building materials”

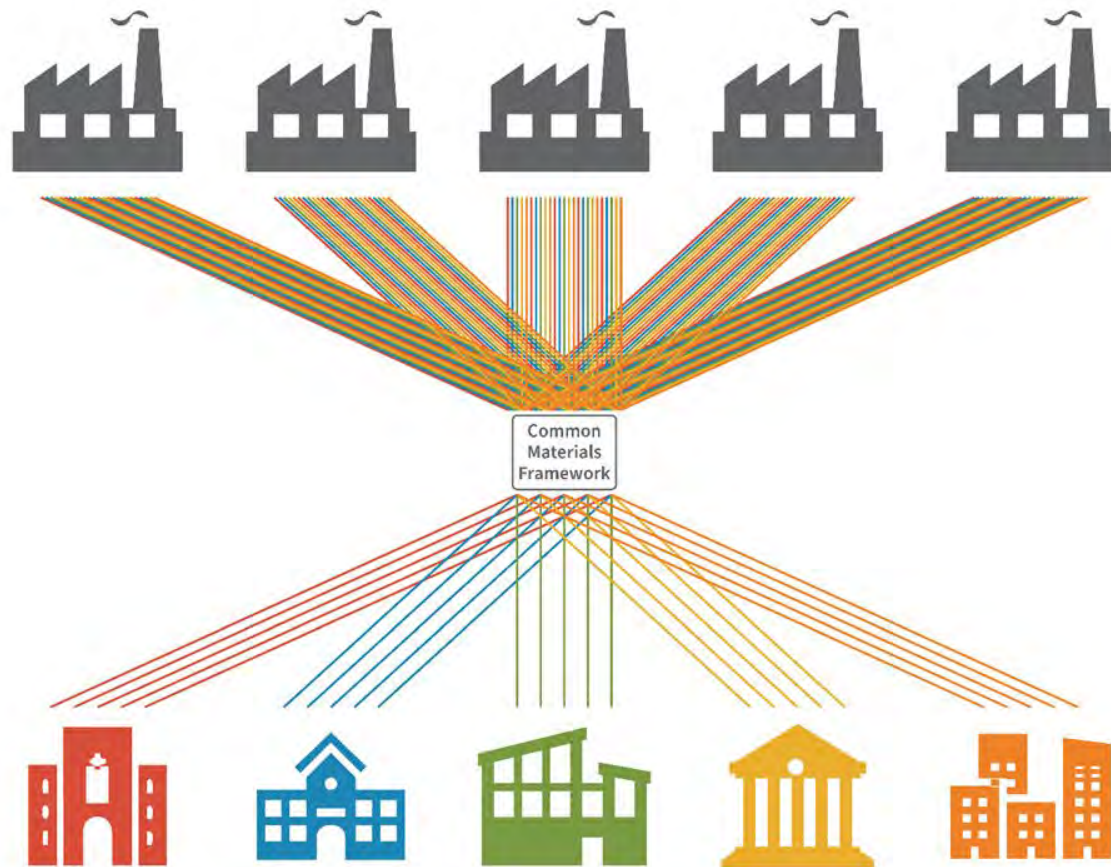


THE CURRENT ARCHAIC MODEL



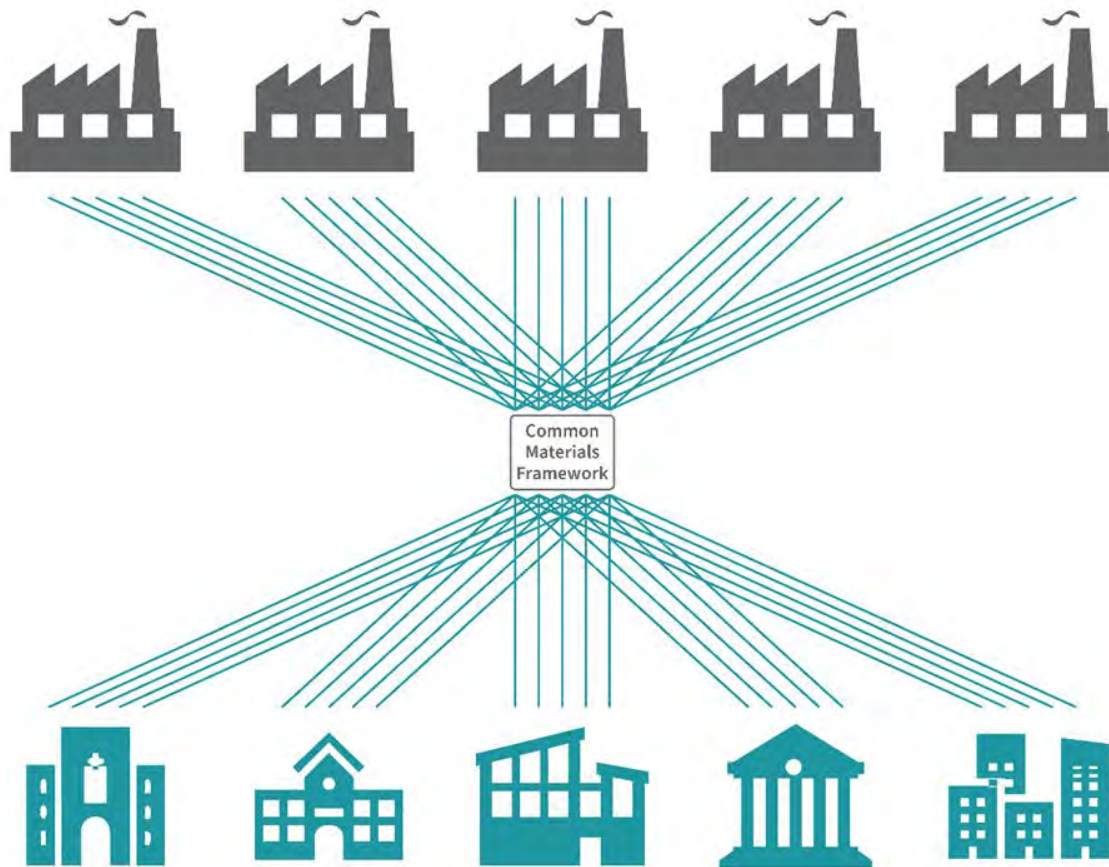
CENTRALIZED DATA REPORTING

- Data is reported to a common source for all
- Reduces coordination. + management for all



ALIGNMENT ON STANDARDS

- **Common ask, common give**



Value Proposition of Alignment



Clear Targets

Consistent goals and language



Streamlined Reporting

Connected data eliminates redundancies, and inefficiencies



Broader Industry Adoption

A market that rewards healthy & sustainable products

Let's make **mindful** the norm, not the option.

Find out how you can help us achieve our strategic goals, and how they help you to meet yours at [mindfulmaterials.com](https://www.mindfulmaterials.com)

SCALING ADOPTION



A common language is a critical 1st step, enabling unified action.

AND....

It takes more than that...think about your firms and what it takes to do (anything) consistently..think about the process from design into construction...

There are a lot of parts to this puzzle to truly SCALE



WHAT DOES IT TAKE TO “SCALE” ADOPTION? EXERCISE



WHAT DOES IT TAKE TO “SCALE” ADOPTION?

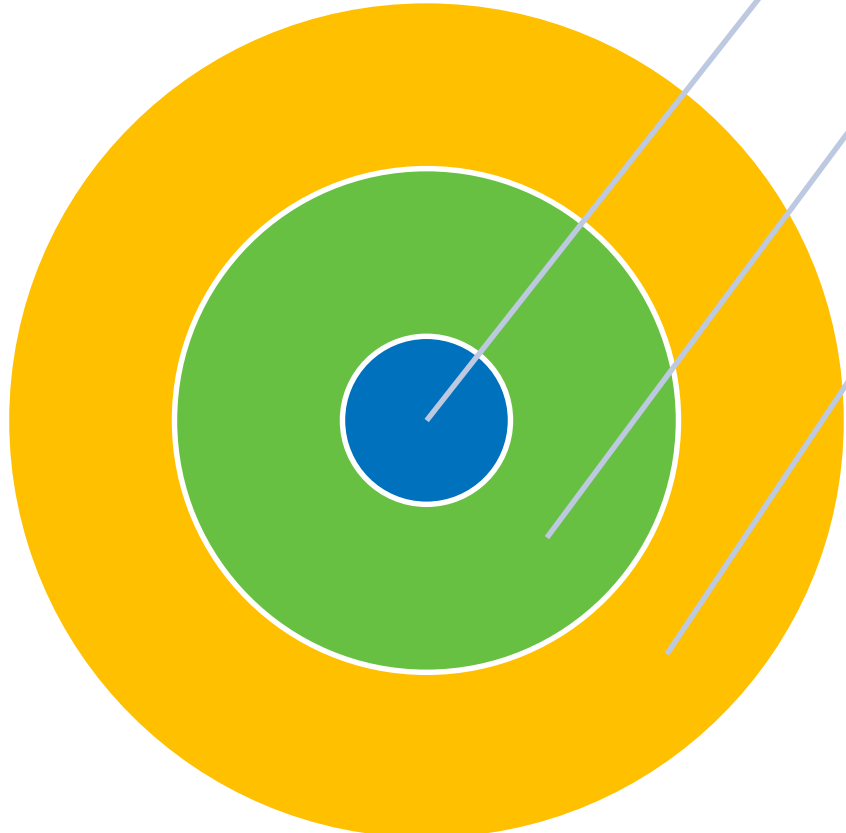
What does it take to make low carbon, healthy, just products the norm?

In groups of 3, identify the specific things that need to happen (or be put in place) to ensure that the best products are *identified*, *selected* and *installed* in projects *consistently* so that we transform the marketplace

Consider all scales:

- What needs to change within your practice?
- What needs to happen within your project teams
- What needs to happen across the supply chain

**FRACTAL TRANSFORMATION REQUIRES
ENGAGING AT ALL SCALES**



Practice

Project

**Product
Supply Chain**



BuildingEase.com

**CONNECTING THE DOTS FROM DESIGN
THRU PROCUREMENT FOR MATERIALS**

We make it easy to do the right thing!

FREE tool to operationalize good decisions into workflow



The BuildingEase Solution =

A completely free tool to use!



**WORKFLOW
OPTIMIZATION**
Internal & team efficiency



MARKETPLACE
*Procurement Aggregation
Global "Buyer's Club"*



**BE-Xchange
Reuse & Salvage**
(a 'not-waste' exchange)

WITHIN YOUR COMPANY:

"GETTING YOUR HOUSE IN ORDER"

WHAT DOES IT LOOK LIKE?

Consistent compliance across all projects

Internally-driven standards

Knowledge mngmt / lessons shared

Data tracking + analysis = cont improve.

The Current Situation: it's a hot mess...

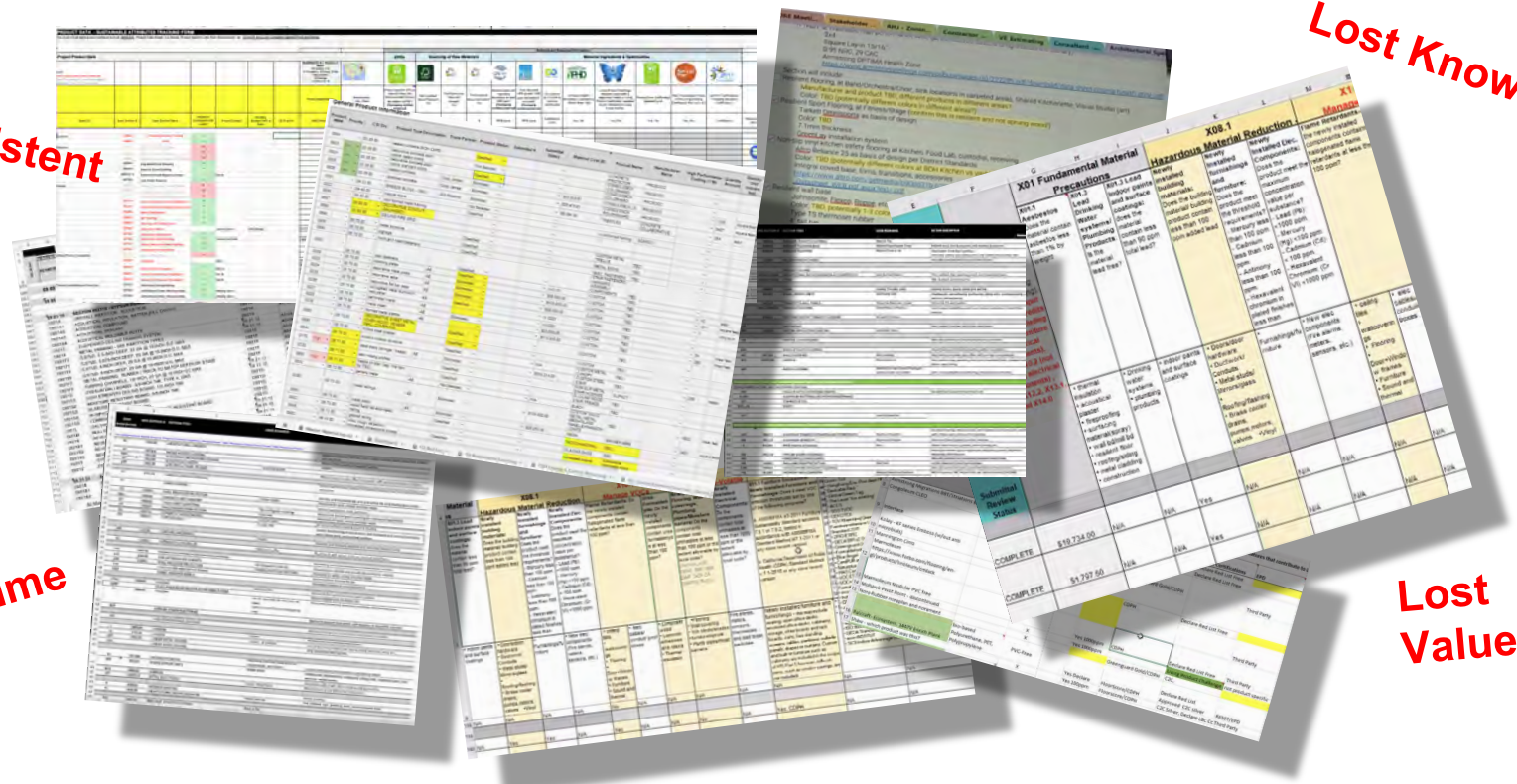
Inconsistent Quality

Wasted time

Lost Knowledge

Lost Value

In most large orgs, teams repeat the same research and don't have time to share information....

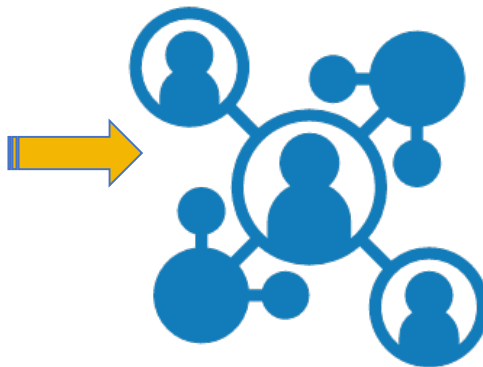
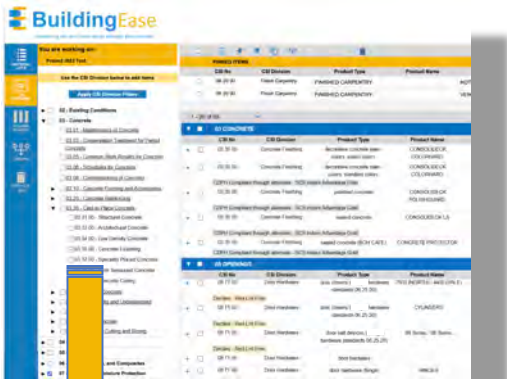


HOW MANY HOURS HAS YOUR FIRM LOST BY NOT SHARING RESEARCH, KNOWLEDGE, LESSONS LEARNED?



(answer: you don't know because you don't track those invisible losses...)

MATERIAL TRACKING TOOL MAKES COPY / SHARE FAST & EASY !



BuildingEase's **Material Tracking** tool

- 2 clicks to copy and share a material list from one project to the next.
- Organize complete lists of materials in 3 ways: alphabetically, by project type and by client.
- Sustainability standards **automatically embedded** and complied with whether known or not!
- Lessons learned automatically shared.
- No need to repeat research from team to team for the same project type or same product type. Time spent on better things!
- Save time, improve quality.

ALPHABETICAL



BY CLIENT



BY PROJECT TYPE



BY RATING SYSTEM

MATERIAL LIST LIBRARY: centralized, curated...

Material List = Outline Spec

Cloud based, centralized for your organization, especially for large orgs.

One admin or multiple

Structure any way you like + view by:

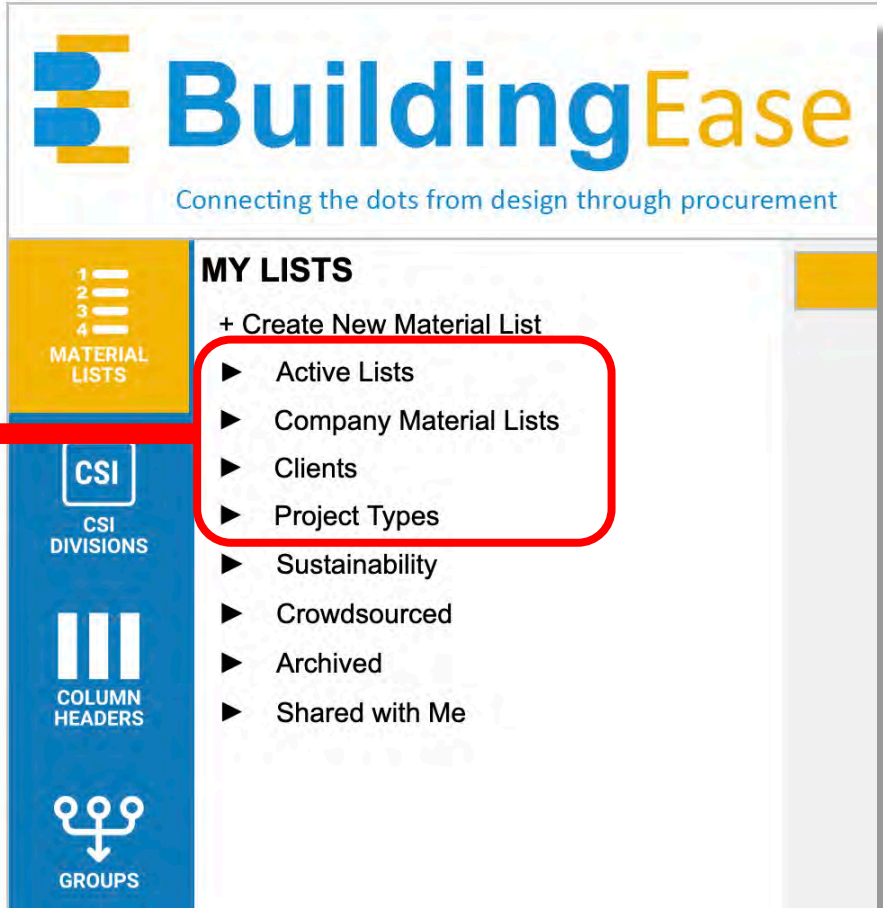
- Alphabetical
- By Client
- By Project Type

Standards embedded across all teams

Compliance - automatic

Global updating

Track and analyze your data



MATERIAL LIST LIBRARY: centralized, curated...

Access Sustainability Data from the Source

Until mindfulMaterials flows to us

We have API connections directly with:

- Declare
- HPD
- EC3
- C2C...etc.



Click and add from there to your project's Material List

The screenshot shows the BuildingEase interface. At the top, the logo 'BuildingEase' is displayed with the tagline 'Connecting the dots from design through procurement'. Below the logo is a navigation sidebar with four main sections: 'MATERIAL LISTS' (yellow background), 'CSI DIVISIONS' (blue background), 'COLUMN HEADERS' (blue background), and 'GROUPS' (blue background). The 'MY LISTS' section is open, showing a list of options: '+ Create New Material List', 'Active Lists', 'Company Material Lists', 'Clients', 'Project Types', 'Sustainability', 'Crowdsourced', 'Archived', and 'Shared with Me'. The 'Sustainability' option is highlighted with a red rectangular border. A red arrow points from this highlighted option to the list of API connections on the left side of the slide.

OUR COLLABORATION IS KEY!

WE WANT TO USE OUR SCALE TO "GROW" ENGAGEMENT FOR ALL RESOURCES



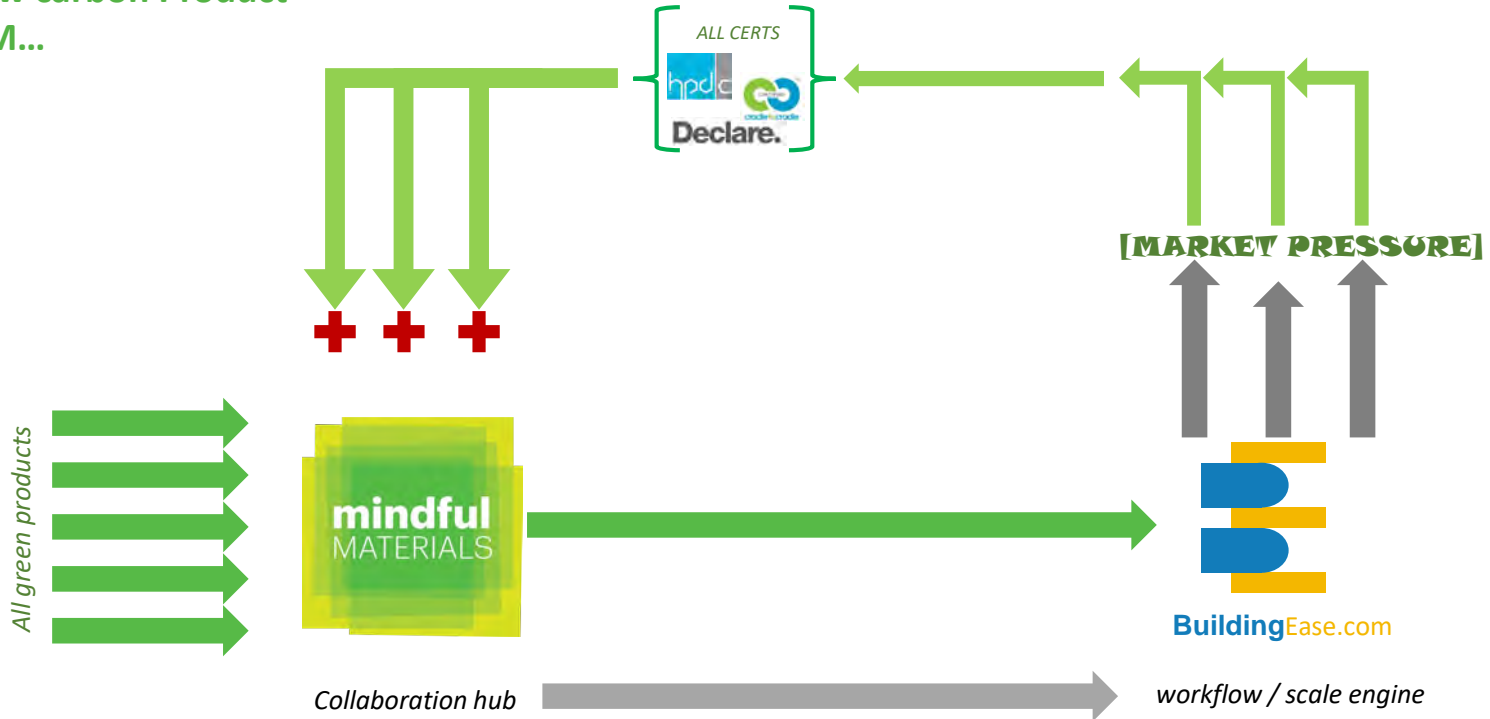
design for
FREEDOM
by grace farms



LIVING
PRODUCT
CHALLENGE™



Healthy/low carbon Product ECOSYSTEM...



Supply chain & data partners:



Every product has fields for lessons learned & discussion threads

You are working on:
Innovation

Use the CSI Division below to add items

Apply CSI Division Filters

- 00 - Procurement and Contracting Requirements
- 01 - General Requirements
- 02 - Existing Conditions
- 03 - Concrete
- 04 - Masonry
- 05 - Metals
- 06 - Wood, Plastics, and Composites
- 07 - Thermal and Moisture Protection
- 08 - Openings
- 09 - Finishes
- 10 - Specialties
- 11 - Equipment
- 12 - Furnishings
- 13 - Special Construction
- 14 - Conveying Equipment
- 21 - Fire Suppression
- 22 - Plumbing
- 23 - Heating, Ventilating, and Air Conditioning (HVAC)
- 25 - Integrated Automation
- 26 - Electrical
- 27 - Communications
- 28 - Electronic Safety and Security
- 31 - Earthwork
- 32 - Exterior Improvements
- 33 - Utilities

Save Changes Cancel

Edit Item Information

CSI No	CSI Division	Product Type	Product Name	Product Description
23 70 00	Central HVAC Equipment	Integrated HVAC exterior panels	Hydronic Shell	A modular HVAC system integrated within a super-insulated shell

General COMMENTS LEED LBC WELL

Material General Information

Basic Product Information

CSI No	CSI Division	Product Type	Product Name	Product Description
23 70 00	Central HVAC Equipment	Integrated HVAC exte ...	Hydronic Shell	A modular HVAC system integrated within a sup ...

Rating - Product	Rating - Installer	Salvaged	Manufacturer	URL
		<input type="checkbox"/> Yes <input type="checkbox"/> No	Hydronic Shell	https://www.hydronicshell.com/

Model / SKU	UID	Product Notes

Coordination

Rep	Subcontractor / Installer	Selection	Item Status	Approved by
		<input type="radio"/> 1st <input type="radio"/> 2nd <input type="radio"/> BL		

Selected by: bb@sustainable-performance.org

Project Notes

Reference

Keynote	Coordination Number	Building Name or Number	Room Name or Number

Cost Information

Quantity	Quantity Unit	Unit Price	Item

Edit Item Information

CSI No	CSI Division	Product Type	Product Name
05 75 00	Decorative Formed Metal		Aluminum Tubing

General COMMENTS LEED LBC WELL

Material Comments

person1 12/07/2022 02:50 PM
Have we resolved the warranty issue?

adm - 12/07/2022 02:59 PM
I thought we did, but the warranty info is not in the project folder.

person1 12/07/2022 03:05 PM
Ok, I'll find the paperwork and make sure its in there and notify the spec writer!

Reply
Alias: person1
Comment: Great, as soon as that's set, I'll approve the change order! Thanks

Add Cancel

Comments and discussion threads between the team members tie to specific products

Every product can be designated as a 1st Choice, 2nd (acceptable alternative) or "BL": BLOCKLIST, part of how we block unwanted substitutions!

'Product Notes' travel with each list when you copy from one project to a new one. 'Project Notes' do not get copied – they are specific to a project!

All coordination information is centralized and shared easily!

**CREATE INTERNAL
STANDARDS**

+

AUTOMATIC COMPLIANCE

Create organization-wide standards more easily, based on CMF

You are working on:
Labs-R-U

Apply Column Header Selection

- ▶ Basic Product Information
- ▶ Coordination
- ▶ Reference
- ▶ Cost Information
- ▶ Internal Standards
- ▶ Climate Health
- ▶ Ecosystem Health
- ▶ Human Health
- ▶ Social Equity
- ▶ Circularity

Rating System Criteria

- ▶ LEED
- ▶ LBC

SET IT AND FORGET IT!

UIC No.	UIC Division	Product Type	Product Name
00 00 00	Architectural Concrete	Cast-in-Place Concrete	Cast-in-Place Concrete
00 00 00	Architectural Concrete	Formwork Concrete	Formwork Concrete
00 00 00	Architectural Concrete	Formwork Concrete	Formwork Concrete
00 00 00	Architectural Concrete	Formwork Concrete	Formwork Concrete
00 00 00	Architectural Concrete	Formwork Concrete	Formwork Concrete
00 00 00	Architectural Concrete	Formwork Concrete	Formwork Concrete
00 00 00	Architectural Concrete	Formwork Concrete	Formwork Concrete
00 00 00	Architectural Concrete	Formwork Concrete	Formwork Concrete
00 00 00	Architectural Concrete	Formwork Concrete	Formwork Concrete
00 00 00	Architectural Concrete	Formwork Concrete	Formwork Concrete

Once you create a standard in your organization, EVERY team that uses it automatically complies (without even knowing it).
Owner's – you can onboard teams to your standards easily and ensure consistent on every project.

Centralized Material Tracking Makes consistency easy...

(especially if you can't educate everyone all at once...)

You are working on:
 Project #23 Test

Use the CSI Division below to add items

- 02 - Existing Conditions
- 03 - Concrete
- 04 - Masonry
- 05 - Metals
- 06 - Wood, Plastics, and Composites
- 07 - Thermal and Moisture Protection
- 08 - Openings
- 09 - Finishes
- 10 - Specialties
- 11 - Equipment
- 12 - Furnishings
- 13 - Special Construction
- 14 - Conveying Equipment
- 21 - Fire Suppression
- 22 - Plumbing
 - 22 09 - Instrumentation and Control for Plumbing
 - 22 10 - Plumbing Piping
 - 22 30 - Plumbing Equipment
 - 22 40 - Plumbing Fixtures
 - 22 41 00 - Residential Plumbing Fixtures
 - 22 42 00 - Commercial Plumbing Fixtures
 - 22 43 00 - Healthcare Plumbing Fixtures
 - 22 45 00 - Emergency Plumbing Fixtures
 - 22 46 00 - Security Plumbing Fixtures
 - 22 47 00 - Drinking Fountains and Water Coolers
 - 22 50 - Pool and Fountain Plumbing Systems
 - 22 60 - Gas and Steam Systems for Laboratories and Healthcare Facilities
- 23 - Heating, Ventilating, and Air Conditioning

CS#	CSI Division	Product Type	Product Name
06 20 00	Finish Carpentry	FINISHED CARPENTRY	NO...
06 20 00	Finish Carpentry	FINISHED CARPENTRY	VEN...

1 - 20 of 65

CS#	CSI Division	Product Type	Product Name
03 35 00	Concrete Finishing	decorative concrete stain - colors: select colors	CONSOLDECK COLORHARD
03 35 00	Concrete Finishing	decorative concrete stain - colors: select colors	CONSOLDECK COLORHARD
03 35 00	Concrete Finishing	CDPH Compliant through alternate - SCS Indoor Adhesives	
03 35 00	Concrete Finishing	CDPH Compliant through alternate - SCS Indoor Adhesives	
03 35 00	Concrete Finishing	CDPH Compliant through alternate - SCS Indoor Adhesives	
03 35 00	Concrete Finishing	CDPH Compliant through alternate - SCS Indoor Adhesives	

03 CONCRETE

CS#	CSI Division	Product Type	Product Name
08 71 00	Door Hardware	door hardware floor stops	FS LINE
08 71 00	Door Hardware	door hardware gasketing	SRK LINE
08 71 00	Door Hardware	locking locks (hardware standards 09.25.20)	15602PEU MORTISE LOCKS
08 71 00	Door Hardware	slatfront door pivots (hardware standards 09.25.20)	ROXSON 147
08 71 00	Door Hardware	slatfront door pivots (hardware standards 09.25.20)	ROXSON 165

08 OPENINGS

CS#	CSI Division	Product Type	Product Name
09 51 00	Acoustical Ceilings	acoustic panel ceilings	CERRIS SECOND LOOK
09 51 00	Acoustical Ceilings	acoustic panel ceilings	LITIMA HIGH NRC

09 FINISHES

▼ 22 - Plumbing

- 22 09 - Instrumentation and Control for Plumbing
- ▶ 22 10 - Plumbing Piping
- ▶ 22 30 - Plumbing Equipment
- ▼ 22 40 - Plumbing Fixtures
 - 22 41 00 - Residential Plumbing Fixtures
 - 22 42 00 - Commercial Plumbing Fixtures
 - Lav. Faucets
 - .5 GPM
 - .4 GPM LEED Pres.
 - .35 GPM Effic.
 - Toilets
 - 1.6 GPF
 - 1.28 GPF LEED Pres.
 - 1.1 GPF Efficiency



Everyone complies to your internal standards, whether they are educated or not, whether they care or not! Automatically!

CREATE INTERNAL STANDARDS

...and get automatic compliance!

Standard-setting is quick and flexible.

Standards can be **company-wide**, **project type specific**, or however you want to configure them!

Global updates (over time) are easy.



Step 1: Determine the scope of your standard (you can have more than 1)

Step 2: With applicable CSI sections *in mind* (and/or generic name, like Carpet Tile) you select your criteria that define this standard.

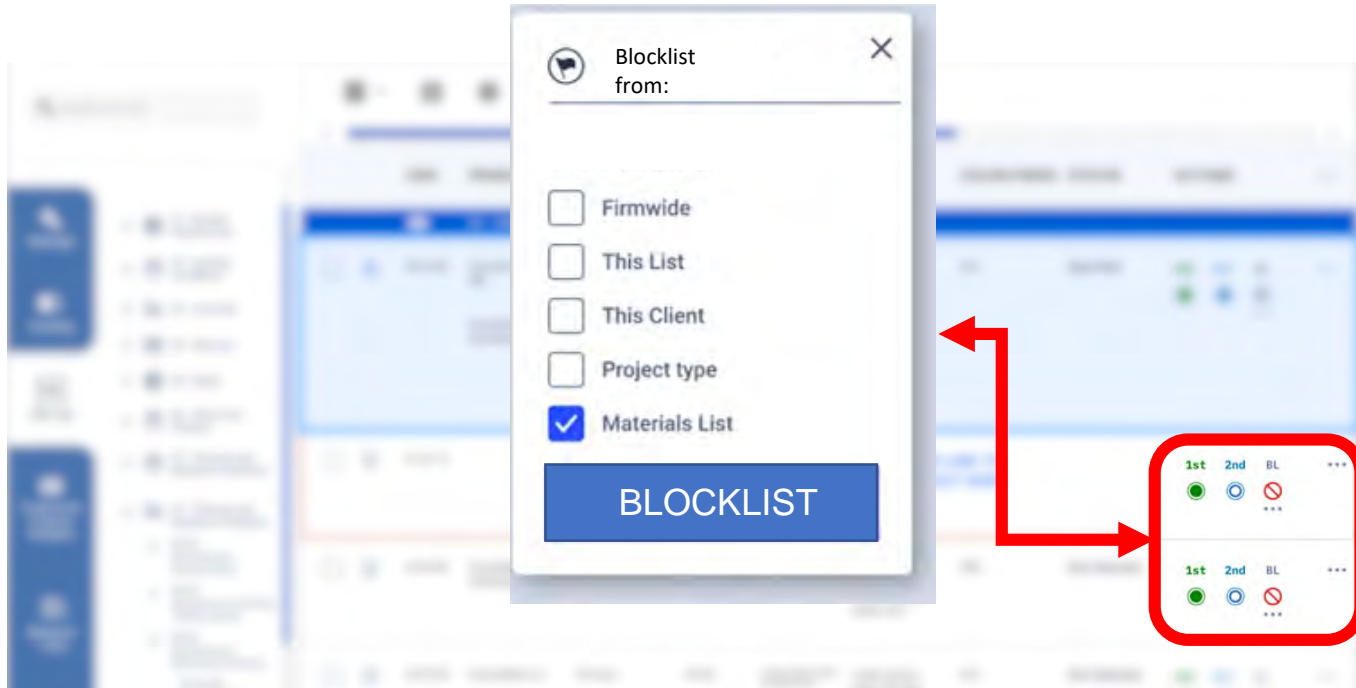
Step 3: Final step is to match the criteria to the CSI Division you set.

CONTINUE COMPLIANCE

in coordination with

EXTERNAL PROJECT TEAMS

1st 2nd + Blocklist function: no substitutions...



BLOCKLIST

You can designate any product in 3 ways: as 1st choice or 2nd (acceptable alternative) or Blocklist (Do Not Substitute!).

We encourage you to choose acceptable alternatives for as many products as possible so that the GC / Subs can see that info from the start. GCs can invite subs to bid from here, and subs see 1st 2nd and BL info IN their invite from day 1 – unwanted substitutions are blocked!

MATERIAL TRACKING TOOL EXPEDITES COORDINATION

We've built "*Procore-lite*" into the platform, so coordinating within the Material Tracker includes coordinating with consultants and GC through project closeout.

- Product information
- Acceptable alternatives & **Blocklisted** items
- Warranty information
- Lead times
- Logistics
- Coordination
- Sustainability data & certifications

All eyes on the same cloud-based information
All changes immediately seen
Any issues are immediately shared & resolved

The screenshot displays the BuildingEase Material Tracker interface for a project named "Project #23 Test". The interface is divided into a left sidebar with a navigation menu and a main content area. The sidebar lists various material categories such as Concrete, Masonry, Metals, and Finishes. The main content area shows a list of materials with columns for CSI No., CSI Division, Product Type, and Product Name. The list is filtered to show items under the "03 CONCRETE" category. The interface also includes a "MINED ITEMS" section at the top right, which lists items that have been removed from the project. The overall design is clean and professional, with a blue and white color scheme.

CSI No.	CSI Division	Product Type	Product Name
03 20 00	Finish Carpentry	FINISHED CARPENTRY	
03 20 00	Finish Carpentry	FINISHED CARPENTRY	
03 CONCRETE			
03 35 00	Concrete Finishing	decorative concrete stain - colors, select colors	CONSOLIDDECK
03 35 00	Concrete Finishing	decorative concrete stain - colors, standard colors	CONSOLIDDECK
03 35 00	Concrete Finishing	polished concrete	CONSOLIDDECK
03 35 00	Concrete Finishing	sealed concrete	CONSOLIDDECKLS
03 35 00	Concrete Finishing	stained concrete	CONSOLIDDECKLS
03 35 00	Concrete Finishing	stained concrete (BOH CAFE)	CONCRETE PROTECTOR
08 OPENINGS			
08 11 00	Door Hardware	door closers (hardware standards 06.25.20)	7500 (NORTH) 4430 (VAL)
08 11 00	Door Hardware	door closers (hardware standards 06.25.20)	CYLINDERS
08 11 00	Door Hardware	door set devices (hardware standards 06.25.20)	99 Series / 98 Series
08 11 00	Door Hardware	door hardware (hinge)	HINGES
08 11 00	Door Hardware	door hardware cover plate	60DPA-ENV.6
08 11 00	Door Hardware	door hardware floor stops	F&S LINE
08 11 00	Door Hardware	door hardware gasketing	SKB LINE
08 11 00	Door Hardware	mortise locks (hardware standards 06.25.20)	LS602PE MORTISE LOOKS
08 11 00	Door Hardware	storefront door pivots (hardware standards 06.25.20)	RXSON 147
08 11 00	Door Hardware	storefront door pivots (hardware standards 06.25.20)	RXSON 145
09 FINISHES			
09 51 00	Acoustical Ceilings	acoustic panel ceilings	CHIRUS SECOND LOOK
09 51 00	Acoustical Ceilings	acoustic panel ceilings	ULTIMA HIGH NRC

BuildingEase
Connecting the dots from design through procurement

You are working on:
Jaybird2

1 - 8 of 8

Interior Finishes-Tile

CSI No	CSI Division
09 30 00	Tiling
09 30 00	Tiling
09 30 00	Tiling

New Group

CSI No	CSI Division
03 33 00	Architectural Concrete
03 33 00	Architectural Concrete

random stuff

CSI No	CSI Division
03 33 00	Architectural Concrete
03 33 00	Architectural Concrete
03 33 00	Architectural Concrete
03 33 00	Architectural Concrete

BuildingEase.com

OWNERS DESIGNERS BUILDERS SUPPLIERS PARTNERS **My Dashboard**

EDUCATION RESOURCES PROGRAMS CONSULTING BE-CHANGE CATALOG FORUM BUILDINGGREEN help

Information: MA Project # 70482

Trade	Material	Date Submitted	Need Released By	Approved Date	Est. Lead Time	Need Onsite	BPM Ship Date	NOTES:
071200	Tieoff Strip and Production	8/17/2012	8/24/2012	8/28/12	8 Weeks	12/15/2012	780	Material was sent into production 08/29/12
044000	1/2" x 2" Dimensional Stud (Rescue by Performance)	8/17/2012	8/17/2012	8/17/2012	7 Weeks	11/14/2012	780	from Trade Memory
044000	1/2" x 2" by Acroming	7/9/12	8/6/2012	7/9/12	7 Weeks	11/14/2012	780	
044000	MCC-2 by Acroming	7/9/12	8/6/2012	7/9/12	7 Weeks	11/14/2012	780	
044000	6-12 Acroming Studs by Performance-Gal	7/9/12	8/6/2012	7/9/12	7 Weeks	11/14/2012	780	
044000	CP-1 by Acroming	7/9/2012	8/7/2012	7/9/12	8 Weeks	11/14/2012	780	
044000	CP-1 by Acroming	7/9/2012	8/7/2012	7/9/12	8 Weeks	11/14/2012	780	
044000	CP-1 by Acroming	7/9/2012	8/7/2012	7/9/12	8 Weeks	11/14/2012	780	
044000	CP-1 by Acroming	7/9/2012	8/7/2012	7/9/12	8 Weeks	11/14/2012	780	

“GROUP” function saves time... export schedules or translate a product list from a 300-section architectural spec into...

The GC's 30 trade packages, with RFI's, submittal tracking & more. Now, just a few clicks

USE 'GROUP' FUNCTION TO CREATE SCHEDULES, COORDINATE WITH OTHERS ABOUT COMPATIBILITY...







“Procore-lite”: RFIs, submittals, change orders

Pr Project Dashboard Home Project Dashboard RFI Dashboard Submittal Dashboard CO Dashboard

Filter Projects Type is Select an option Project Name contains Enter a value Square Feet Enter a value

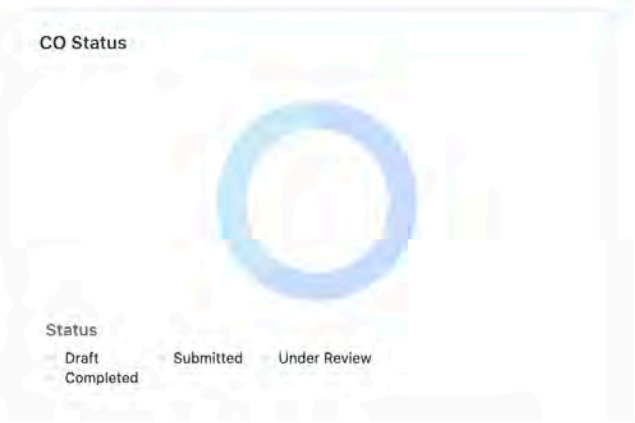
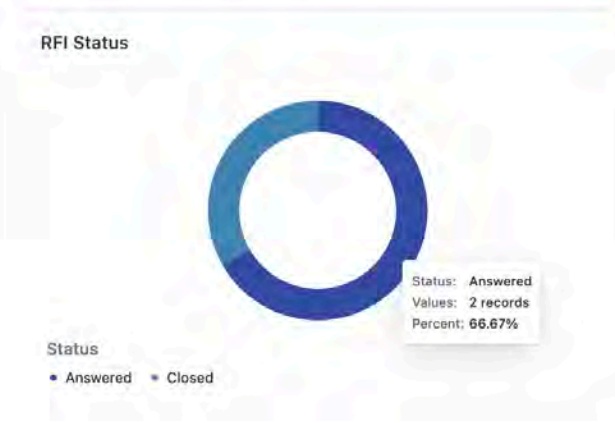
Create New Project

Project Name	Project ID	Address	Architect	Owner	Contractor
 Barbra's House	10003		WeRGreen	BB	Best Builders
 College Conference Center	10001	1 Smith Lane Boston, MA	WeRGreener	College	Great Builders
 Deep Energy Retrofit	10002		GreenUs	University	Reliable Builders
 Roses Brook Farmhouse	10004	192 Roses Brook Rd.	Magicians	Rose Brook	BuildingFutures

“Procore-lite”: RFI, submittal, change order

Project College Conference Center	Project ID 10001	Address 1 Smith Lane Boston, MA	Square Feet 100000.0
Architect WeRGreen	Owner College	Contractor Best Builders	Construction Start Date 1/1/2023

Create New Submittal >	Create New RFI >	Create New Change Order >
Submittal Dashboard >	RFI Dashboard >	Change Order Dashboard >



“Procore-lite”: submittal dashboard

College Conference Center

Back to Project Dashboard >



Reset [Create New Submittal](#)

Name/Descr... contains Enter a value Spec Sectio... contains Enter a value Priority is Select an option

Submission ... is Select an option Sub/Vendor has any of +

<input type="checkbox"/>	🔍 Submittal	▲ Spec Section-Sub...	🕒 R#	▲ Type	🕒 Submission ...	🕒 Approval...	🕒 Priority	≡ Sub/Vendor	≡ Submittal Manager	📅 Due Date	🔍 Submittal Detail
<input type="checkbox"/>	092000- Drywall & M...	092000- Drywall & Metal...	01		Draft	Pending	Low	Luna's Drywall	Nick Pardo		View Details >
<input type="checkbox"/>	555Electrical-5-R01	555Electrical	01		Draft	Pending	Medium	Benjamin's Metals	Pragya Mehta		View Details >
<input type="checkbox"/>	Floors-7-R01	Floors	01		In Review	Approved	High	Harris & Sons Construction	Barbra Batshalom		View Details >
<input type="checkbox"/>	Upper office-8-R01	Upper office	01		Completed	Approved wi...	High	Franklin Ave Flooring		12/23/2022	View Details >
<input type="checkbox"/>	77798-4049-9-R01	77798-4049	01	New	Draft		Medium	Luna's Drywall	Nick Pardo	1/26/2023	View Details >
<input type="checkbox"/>	8098049382-0034-1...	8098049382-0034	01	Roof	Completed	Rejected	Medium	Luna's Drywall	Nick Pardo		View Details >
<input type="checkbox"/>	awekfjasdkjf-11-R02	awekfjasdkjf	02	Test	Completed	Approved	Low	Luna's Drywall	Nick Pardo		View Details >

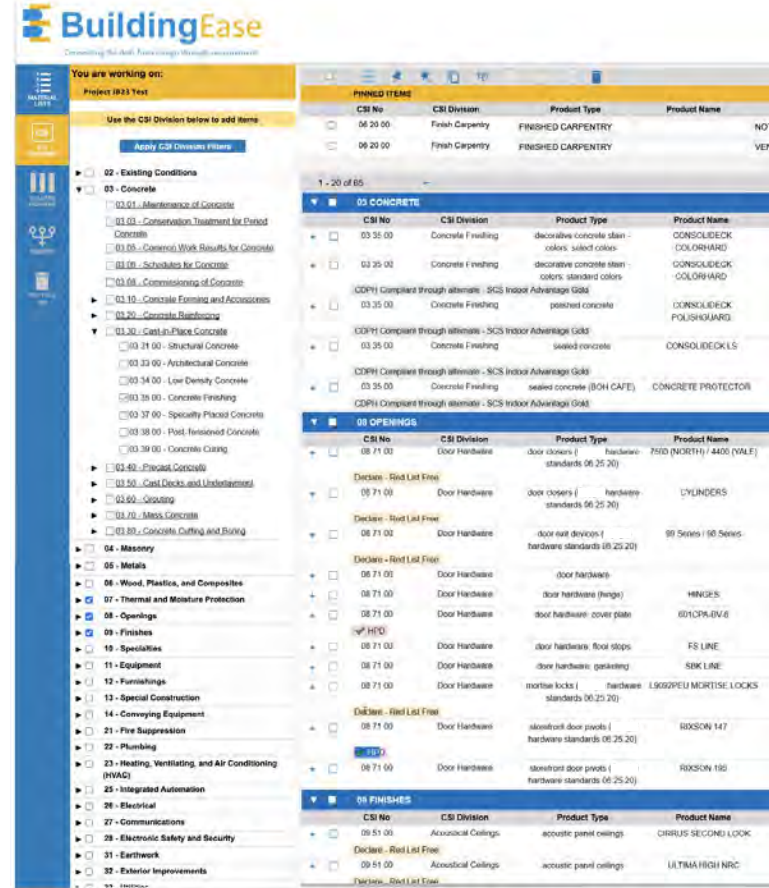
CROWDSOURCING

Group Genius helps us all!

“Spotify-like Playlists” SAVE US ALL TIME !

Public Crowdsourced Lists on any theme YOU choose. All benefit, like:

- **Lowest Carbon Products** across all CSI divisions
- **Design for Freedom (DFF)** Slavery/forced labor in supply chain
- **Passive House** products
- **Public School 3-equal** products
- **Bio-Based** natural, renewable
- **Innovation:** new products coming to market for pilot (w ratings) (partner with startups, accelerators and global tech supporters)



The screenshot shows the BuildingEase interface for a project named '1923 Test'. It features a navigation sidebar on the left with icons for 'MULTI-LEVEL LIST', 'ITEMS', 'SEARCH', and 'HELP'. The main content area is divided into two panes. The left pane shows a hierarchical tree of categories under '02 - Existing Conditions' and '03 - Concrete', including sub-categories like '03.01 - Maintenance of Concrete', '03.02 - Conservation Treatment for Porous Concrete', and '03.10 - Concrete Forming and Accessories'. The right pane displays a table of 'FINISHED ITEMS' with columns for 'CSI No.', 'CSI Division', 'Product Type', and 'Product Name'. The table lists various items such as '06 20 00 - Finish Carpentry' and '03 35 00 - Concrete Finishing'. Below the table, there are sections for '03 CONCRETE', '08 OPENINGS', and '09 FINISHES', each with a table of items and their details.

CSI No.	CSI Division	Product Type	Product Name
06 20 00	Finish Carpentry	FINISHED CARPENTRY	
06 20 00	Finish Carpentry	FINISHED CARPENTRY	
1 - 20 of 65			
▼ 03 CONCRETE			
CSI No.	CSI Division	Product Type	Product Name
03 35 00	Concrete Finishing	decorative concrete stain - colors: select colors	CONSOLEDECK COLORHARD
03 35 00	Concrete Finishing	decorative concrete stain - colors: standard colors	CONSOLEDECK COLORHARD
03 35 00	Concrete Finishing	polished concrete	CONSOLEDECK POLISHGLARD
03 35 00	Concrete Finishing	sealed concrete	CONSOLEDECK LS
03 35 00	Concrete Finishing	swaled concrete	CONSOLEDECK LS
03 35 00	Concrete Finishing	swaled concrete (BOH CAFE)	CONCRETE PROTECTOR
03 35 00	Concrete Finishing	swaled concrete (BOH CAFE)	CONCRETE PROTECTOR
▼ 08 OPENINGS			
CSI No.	CSI Division	Product Type	Product Name
08 71 00	Door Hardware	door closers (hardware standards 06 25 20)	HYD (N3E1H) 4400 (VALF)
08 71 00	Door Hardware	door closers (hardware standards 06 25 20)	CYLINDERS
08 71 00	Door Hardware	door hardware (06 25 20)	99 Series / 98 Series
08 71 00	Door Hardware	door hardware (06 25 20)	HINGES
08 71 00	Door Hardware	door hardware cover plate	601CPA-DV-6
08 71 00	Door Hardware	door hardware: floor stops	FS LINE
08 71 00	Door Hardware	door hardware: gaslifting	SBK LINE
08 71 00	Door Hardware	mortise locks (hardware standards 06 25 20)	1.692PEU MORTISE LOCKS
08 71 00	Door Hardware	slendert door pivots (hardware standards 06 25 20)	RDSOXN 147
08 71 00	Door Hardware	slendert door pivots (hardware standards 06 25 20)	RDSOXN 160
▼ 09 FINISHES			
CSI No.	CSI Division	Product Type	Product Name
09 51 00	Acoustical Ceilings	acoustic panel ceilings	CIRRUS SECOND LOOK
09 51 00	Acoustical Ceilings	acoustic panel ceilings	ULTIMA HIGH NRC

BuildingEase.com Crowdsourced info saves us all time...

BuildingEase.com Logout

OWNERS DESIGNERS BUILDERS SUPPLIERS PARTNERS **My Dashboard**

EDUCATION RESOURCES PROGRAMS CONSULTING BE-XCHANGE CATALOG FORUM BUILDINGGREEN help

Rating System - Select upto two options

LEED CI V2 2019 (+)
Declare GreenSeal ULSpot C2C

CSI NUMBER	PRODUCT	MANUFACTURER	PRODUCT DETAILS	PRODUCT DETAILS	PRODUCT DETAILS	ADD TO MY LIST	DATE
05 00 10							
051413	Fabric structure	Morse industries	Detail	Detail	Specific detail	<input type="checkbox"/>	10/2019
05 14 13	Handrails	Fire industries	spec	spec	Specific detail	<input checked="" type="checkbox"/>	10/2019
055213	Carpet	Morse industries	Detail			<input type="checkbox"/>	10/2019
CSI NUMBER 060100							
	Lighting	Fire industries	Detail			<input checked="" type="checkbox"/>	10/2019
	Carpet	Morse industries	Detail			<input type="checkbox"/>	10/2019
	Lighting	Fire industries	Detail			<input type="checkbox"/>	10/2019
CSI NUMBER 070100							
	Carpet	Morse industries	Detail			<input type="checkbox"/>	
	Lighting	Fire industries	Detail			<input type="checkbox"/>	
	Carpet	Morse industries	Detail	Detail	Specific detail	<input type="checkbox"/>	19
CSI NUMBER 070100							
	Carpet	Morse industries	Detail	Detail	Specific detail	<input type="checkbox"/>	

Search results for:
“Show me ALL products approved and installed in LBC and WELL projects” (using up to 2 rating systems)

CROWDSOURCING ALSO HELPS TO DE-RISK NEW TECHNOLOGIES

BY SHARING FEEDBACK FROM OWNERS, CONTRACTORS AND FACILITY MANAGERS WHO ARE THE FRONT-LINE!

#Tide "Mines" Ocean Plastics!

We transform the plastics threatening our oceans into new sustainable products because we believe in the necessity of a circular economy. We train local fishermen and pay them to gather and sort plastic waste. The material is registered, washed and shredded in a social enterprise.

With Swiss precision and solar energy, we upcycle (PET), (PP) and (PE) into a versatile granular material which can be used for plastic injection for watches, furniture, electronic devices, automotive parts and any type of hard plastic product. Our #tide yarn can be used for apparel, bags, shoes, home & office interiors and any other project using high quality polyester textiles.

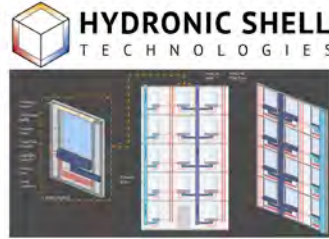


[Company Website](#)

Give Your Existing Bldg A Coat!

Hydronic shell prefabricated façade panels include all the elements necessary for heating, cooling and ventilation to each unit in a multi-unit residential building, or for perimeter loads in offices, schools or warehouses. The piping and ductwork in each panel connects to vertical risers to form a complete HVAC system enclosed within the new façade.

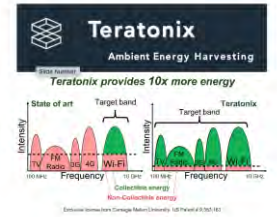
[Company website](#)



Free Energy Is Everywhere!

Radio frequency (RF) electromagnetic energy is all around us – from cell towers, wifi routers, radio and TV broadcasts. In typical suburban environments, there is enough ambient RF energy to power a majority of sensors, processors and more in our buildings. We harvest these wasted energies and can wirelessly power billions of deployed devices.

[Company website](#)



Capturing Carbon From Air to Make Ink!

We upcycle air pollution into inks, paints, coatings, plastics and construction materials. Black, the most commonly used color, is produced with a large carbon footprint that contributes to 4.2 million deaths from air pollution worldwide. The more ink we make, the better our air. Graviky labs' AIR-INK[®], made from captured carbon emissions, began as an MIT Media Lab experiment hacking a tool to capture soot from a burning candle using vodka and vegetable oil as solvents to make our first ink. Then, we invented a device that captures air pollution and turned the particulate matter into a safe, water-based ink. 700 tonnes of carbon = 20,000 liters of AIR-INK!



[Company Website](#)

Peer Powered Clean Energy Marketplace

P2PConnect is a mobile app that's opening up entirely new opportunities in the renewable energy sector. Through P2PConnect's secure trading platform, producers of solar, wind, and other forms of clean energy will be connected to consumers who wish to purchase from them. No longer will excess solar power be wasted during peak sunlight hours; with P2PConnect, every kilowatt will find an outlet.

[Company Website](#)

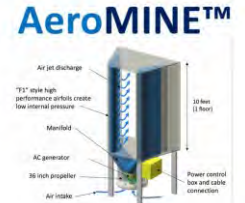


Motionless Building-Mounted Wind Turbines

AeroMINE™ is a new category in an existing market. AeroMINE™ can harvest wind energy on buildings without any motion. It is safe, reliable, quiet and has limited visual impact. This technology is easily deployable and can operate in extreme climates.

The AeroMINE 5000™ installs along the edge of the roof. 10 Units have a nameplate capacity of 50 kW. The units stand 3m tall and are spaced 5m apart. AeroMINE™ is more powerful and cheaper than solar energy but can be installed adjacent.

[Company Website](#)



ACCELERATING MARKET TRANSFORMATION

*Leveraging the power of procurement to
move the supply chain faster!*

Product Listings

We are building a complete product catalog that will include the new re-launched mindfulMaterials portal AND every other product you can buy ... for two strategic reasons:

We include the Not-Yet-Green (NYG) products because...

1. We want every architect using the tool to feel that it's valuable to them and an entire building can be built from here. *But more importantly...*

2. We can't influence the N-Y-G stuff unless they are included!!
How do we have influence??

Because this is not just a database. It's a **MARKETPLACE**. We are leveraging the POWER of PROCUREMENT to accelerate change.



08 13 00 Metal Doors
 08 13 13 Hollow Metal Dc
 08 13 13.13 Standard H
 08 13 13.53 Custom H
 08 13 16 Aluminum Door
 08 13 19 Stainless-Steel

03 30 00 CAST-IN-PLACE CONCRETE
 03 30 53 Miscellaneous Cast-in-Place Concrete

03 31 00 Structural Concrete
 03 31 13 Heavyweight Structural Concrete
 03 31 16 Lightweight Structural Concrete
 03 31 19 Shrinkage-Compensating Structural Concrete
 03 31 23 High-Performance Structural Concrete
 03 31 26 Self-Compacting Concrete

03 33 00 Architectural Concrete
 03 33 13 Heavyweight Architectural Concrete
 03 33 16 Lightweight Architectural Concrete

03 34 00 Low Density Concrete
 03 35 00 Concrete Finishing
 03 35 13 High-Tolerance Concrete Floor Finishing
 03 35 16 Heavy-Duty Concrete Floor Finishing
 03 35 19 Colored Concrete Finishing
 03 35 23 Exposed Aggregate Concrete Finishing
 03 35 26 Grooved Concrete Surface Finishing
 03 35 29 Tooled Concrete Finishing
 03 35 33 Stamped Concrete Finishing

03 37 00 Specialty Placed Concrete
 03 37 13 Shotcrete
 03 37 16 Pumped Concrete
 03 37 19 Concrete

04 23 00 Glass
 04 23 13 Ve
 04 23 16 Gl
 04 23 19 Gl

04 24 00 Adob
 04 24 13 Sl
 04 24 16 Ma

04 25 00 Unit h
 04 25 13 Ma

04 27 00 Multi
 04 27 13 Co
 04 27 23 Ca

04 28 00 Conci
 04 28 13 Dr
 04 28 23 Mc

04 30 00 Unass

04 40 00 STONE AS
 04 41 00 Dry-P
 04 42 00 Extr
 04 42 13
 04 42 16
 04 42 19
 04 43 00
 04 43 13
 04 43 16
 04 43 19

05 40 00 COLD-FORMED METAL FRAMING
 05 41 00 Structural Metal Stud Framing
 05 42 00 Cold-Formed Metal Joist Framing
 05 42 13 Cold-Formed Metal Floor Joist Framing
 05 42 23 Cold-Formed Metal Roof Joist Framing
 05 43 00 Slotted Channel Framing
 05 44 00 Cold-Formed Metal Trusses
 05 45 00 Metal Support Assemblies
 05 45 13 Mechanical Metal Supports
 05 45 16 Electrical Metal Supp
 05 45 19 Communications Met
 05 45 23 Healthcare Metal Sup

05 50 00 METAL FABRICATIONS
 05 51 00 Metal Stairs
 05 51 13 Metal Pin Stairs
 05 51 16 Metal Floor Plate Sta
 05 51 19 Metal Grating Stairs
 05 51 23 Metal Fire Escapes
 05 51 33 Metal Ladders
 05 51 36 Vertical Metal Ladders
 05 51 39 Inclined Metal Ladders
 05 51 39 Altering Treat Ladders
 05 51 39 Cable
 05 51 39 Metal Cavels
 05 52 00 Metal Railings
 05 52 13 Pipe-and-Tube Railings
 05 53 00 Metal Gratings
 05 54 00 Metal Floor Plates
 05 55 00 Metal Star Treads and Nosings
 05 55 13 Metal Star Treads
 05 55 16 Metal Star Nosings
 05 56 00 Metal Castings
 05 58 00 Formed Metal Fabrications
 05 58 13 Column Covers

06 40 00 Wood Paneling
 06 42 13 Solid Lumber Paneling
 06 42 16 Wood-Veneer Paneling
 06 42 19 Plastic-Laminate-Faced Wood Paneling
 06 43 00 Wood Stairs and Railings
 06 43 13 Wood Stairs
 06 43 16 Wood Railings
 06 44 00 Ornamental Woodwork
 06 44 13 Wood Turnings
 06 44 16 Wood Plasters

06 14 00 Treated Wood Foundations
 06 15 00 Wood Decking
 06 15 13 Wood Floor Decking
 06 15 13.91 Cavel Flanking
 06 15 16 Wood Roof Decking
 06 15 19 Timber Decking
 06 15 23 Laminated Wood Decking
 06 15 33 Wood Patio Decking

06 16 00 Sheathing
 06 16 13 Insulating Sheathing
 06 16 23 Subflooring
 06 16 26 Underlayment
 06 16 29 Acoustical Underlayment
 06 16 33 Wood Board Sheathing
 06 16 36 Wood Panel Product Sheathing
 06 16 43 Gypsum Sheathing
 06 16 53 Moisture-Resistant Sheathing Board
 06 16 63 Cementitious Sheathing

06 17 00 Shop-Fabricated Structural Wood
 06 17 13 Laminated Veneer Lumber
 06 17 23 Parallel Strand Lumber
 06 17 33 Wood I-Joists
 06 17 36 Metal-Web Wood Joists
 06 17 43 Rim Boards
 06 17 53 Shop-Fabricated Wood Trusses

06 18 00 Glued-Laminated Construction
 06 18 13 Glued-Laminated Beams
 06 18 16 Glued-Laminated Columns

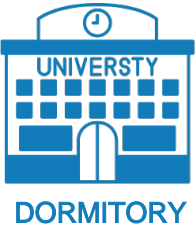
06 20 00 FINISH CARPENTRY
 06 20 13 Exterior Finish Carpentry
 06 20 23 Interior Finish Carpentry

06 22 00 Millwork
 06 22 13 Standard Pattern Wood Trim

06 44 00 Ornamental Woodwork
 06 44 13 Wood Turnings
 06 44 16 Wood Plasters
 06 44 19 Wood Grilles
 06 44 23 Wood Corbels
 06 44 26 Wood Cupolas
 06 44 29 Wood Finials
 06 44 33 Wood Mantels
 06 44 36 Wood Pediment Heads
 06 44 39 Wood Posts and Columns

09 30 13 Ceramic Tiling
 09 30 16 Quarry Tiling
 09 30 19 Paver Tiling
 09 30 23 Glass Mosaic Tiling
 09 30 26 Plastic Tiling

Does this scenario sound familiar?



Taylor is designing a dormitory (or campus center or...)



V.E.



BACK TO THE DRAWING BOARD



WASH, RINSE REPEAT

MEANWHILE.....

MEANWHILE...



The GC is having the subs buy out the project- individually...

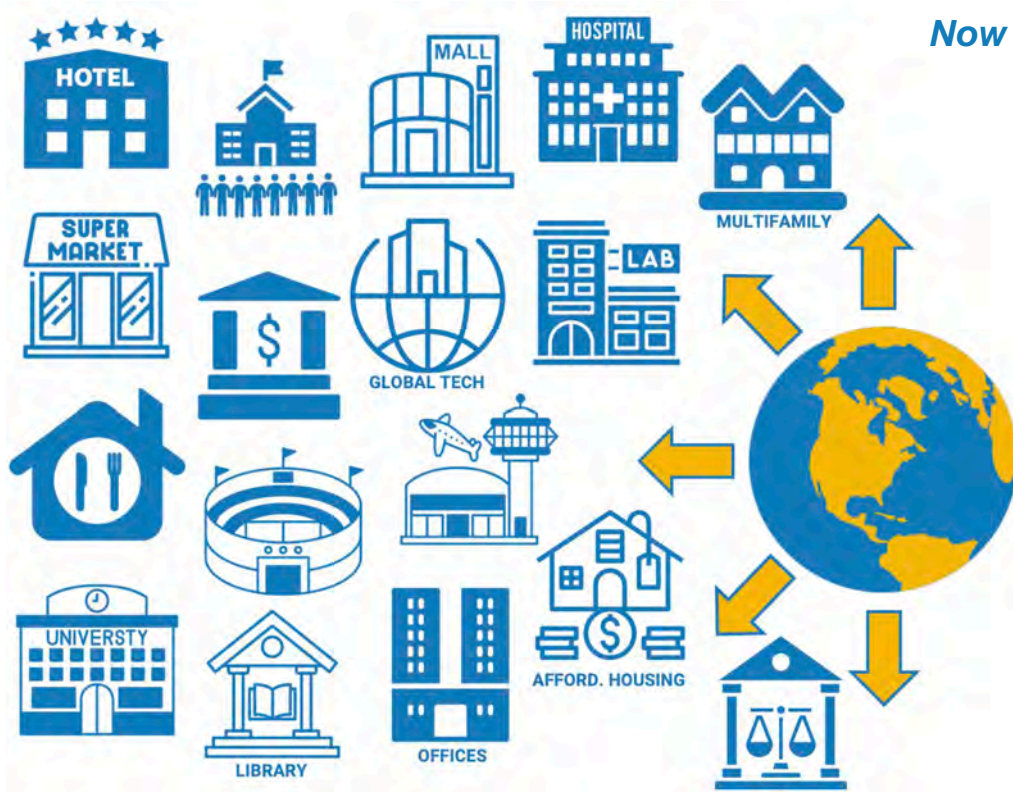
Now imagine if you could capture volume discounts from ALL dormitory projects in a city, state or across the US at once...





GLOBAL AGGREGATION

1st GPO Procurement Across All Market Segments



Now combine your projects with ALL bldg. types!!

- No cost
- No minimum
- No membership
- All upside
- Up to 30% cost savings
- V.E. cuts for cost? Ha!



- Owners can require it
- Arch.'s can direct GCs to use it
- GCs are starting to use on their own!
- You will **drive change** in the industry while saving costs!



WE USE MARKET FORCES TO ACCELERATE MARKET TRANSFORMATION

Using the power of money to drive change....

“You lost \$27m in sales this week because you don’t have the [EPD, HPD, Declare, etc] required by project teams”

“WHAT??!!! Where do I start?!! How fast can I get those?”

Actual sales analytics not just specs...



Product manufacturers and Reps get actual sales data & competitive intel.

Find out what certifications are most in demand.

Spend less time on repeat 'selling' within each firm!

BUT IT'S NOT ALL SERIOUS WORK....

WE ALSO LIKE TO HAVE FUN!!

BuildingEase Community Programs

*Hackathons * Integrated Exhibits * Innovation Exchange*





TOGETHER, WE CAN MAKE IT HAPPEN!



BuildingEase.com

B... E...

BE Faster

BE Smarter

BE Greener

BE More Profitable

<https://bit.ly/BEuserguides>



THANK YOU!



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