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**mM EDUCATION SESSION #4**

# Radical Collaboration for Radical Change



**Eana Bacchiocchi**  
AIA



**Mike Johnson**  
ILFI



**Melissa Baker**  
USGBC

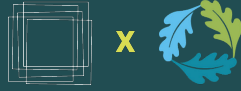


**Rodolfo Perez**  
IWBI



**Annie Bevan**  
mindful MATERIALS

**Moderator**



# Thank you to our Sponsors!

*National*   
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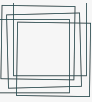
# Imagine a world where....

It's easy to identify and select better materials in workflow.

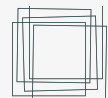
We can quantify holistic impacts of products in projects to support ESG reporting.

We can Value Buildings & Analyze Risk leveraging impact reductions

Manufacturers see a clear ROI for their sustainability investment



# Our Adventure to the Regenerative Materials Economy Requires the Eas(ier) Button!



## COMPANY MATERIALS DASHBOARD

**REQUIRED CRITERIA**

- **HUMAN HEALTH**
- **Substances**
  - Transparency
  - Disclosure Threshold: 100 ppm
  - 3rd Party Verified: Yes
- **Optimization**
  - No PFAS
  - No Flame Retardants
  - No Antimicrobials
- **VOCs**
- **CLIMATE HEALTH**
- **Embodied Carbon**
  - Transparency
  - Optimization
  - CLF Baseline Level: Achievable
- **SOCIAL HEALTH & EQUITY**
- **Company Workplace**
  - Transparency
  - Diverse Business Enterprise
- **Supply Chain**
- **Community**

**LIBRARY OF APPROVED MATERIALS**

**PROJECT TRACKING & ANALYTICS**

**100 UNIVERSITY WAY**  
 Location: Boston, MA  
 Start Date: January 2024  
 Completion: July 2028

**PROJECT TARGETS**

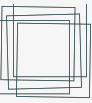
- HUMAN HEALTH:
- CLIMATE HEALTH:
- CIRCULARITY:
- SOCIAL HEALTH & EQUITY:
- ECOSYSTEM HEALTH:

**RESIDENTIAL HALL**  
 Location: Cambridge, MA  
 Start Date: January 2025

**PROJECT TARGETS**

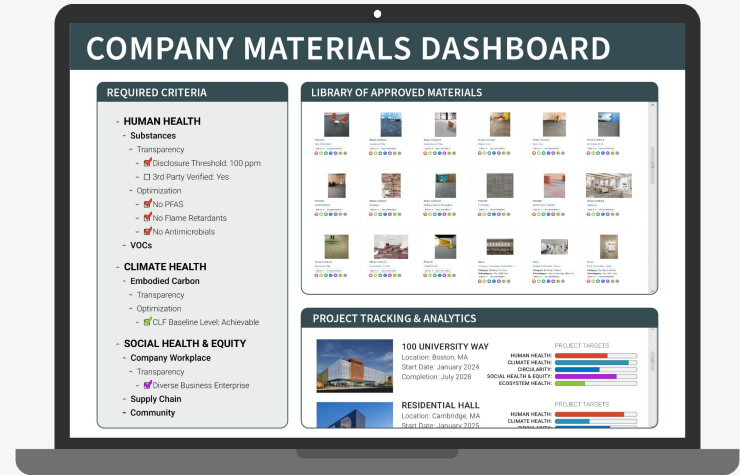
- HUMAN HEALTH:
- CLIMATE HEALTH:
- CIRCULARITY:
- SOCIAL HEALTH & EQUITY:
- ECOSYSTEM HEALTH:





# The Eas(ier) Button we are working towards:

- + Access product sustainability data in common framework in workflow
- + Overlay your materials requirements
- + Manage your materials library
- + Track materials used on projects
- + Analytics + Reporting on impacts
- + Unlock quantifiable ESG metrics to Valuate & Analyze Risk
- + Manufacturers can track ROI
- + No more disparate spreadsheet requests



# A Materials Foundation: A Common Materials Language

## The Common Materials Framework

Sustainability Certifications & Data, Structured for Impact.



Ecosystem  
Health



Social Health  
& Equity



Circular  
Economy



Climate  
Health



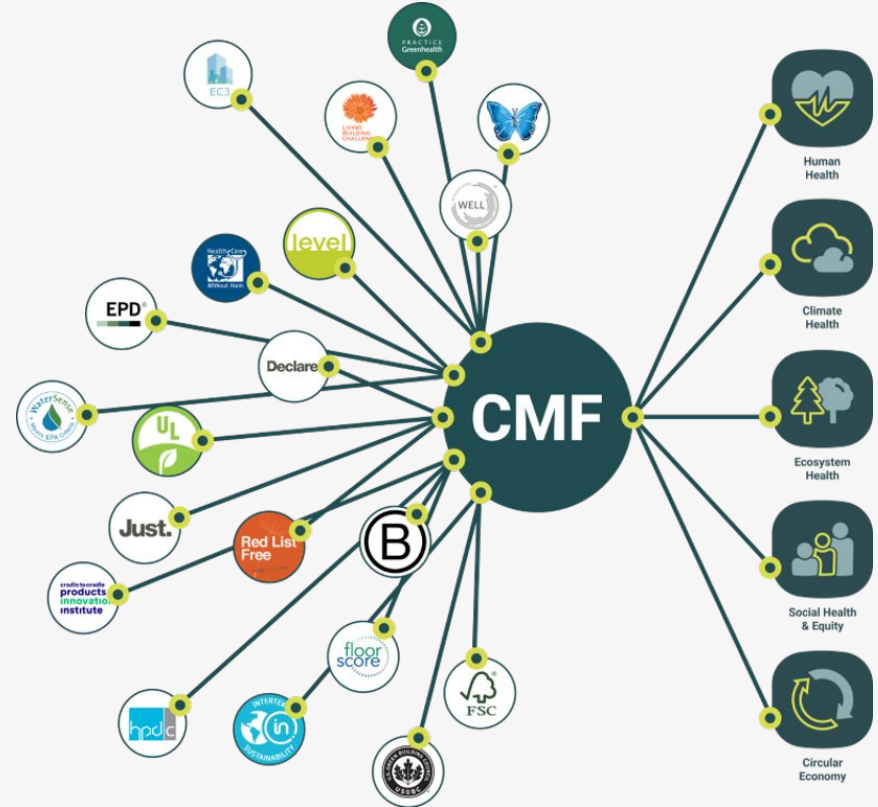
Human  
Health

# The Framework

The CMF analyzes and contextualizes over 150 of the most common building product and material certifications and disclosures.

The framework gives structure to over 650 data 'factors' identified within these certifications & programs, organizing them into 5 buckets of holistic sustainability.

This is the common language our industry has needed to drive accountability and momentum.



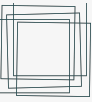


2024

# mM Forum Summit

An unprecedented opportunity.



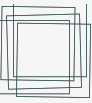


# Foundational Milestone: Industry Wide Report

- + Industry Wide Communication & Awareness Resource
- + Detailed Overview of our shared Vision of Future, State of the State of the industry, Summary of Forum/Industry Efforts, Forthcoming Solutions, and Opportunity for Action
- + Milestone Marker to ensure Forums don't get too far ahead of industry



# Industry-Wide Alignment



PRESSRELEASE · Nov 21, 2023

## The Building Industry's Long-Awaited Signal

Leading Sustainability Organizations Unite: AIA, ILFI, IWBI, USGBC, and mM Align Around Common Materials Framework

In an unprecedented collaboration of leading organizations dedicated to sustainable building practices and impact reduction in the built environment, the American Institute of Architects (AIA), the International Living Future Institute (ILFI), the International WELL Building Institute (IWBI), the U.S. Green Building Council (USGBC), and mindful MATERIALS (mM) have joined forces to align around the **Common Materials Framework**, which establishes for the first time a common language for holistic material sustainability in the building industry.



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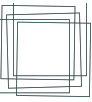


**Rodolfo Perez**  
IWBI



**Annie Bevan**  
mindful MATERIALS

**Moderator**

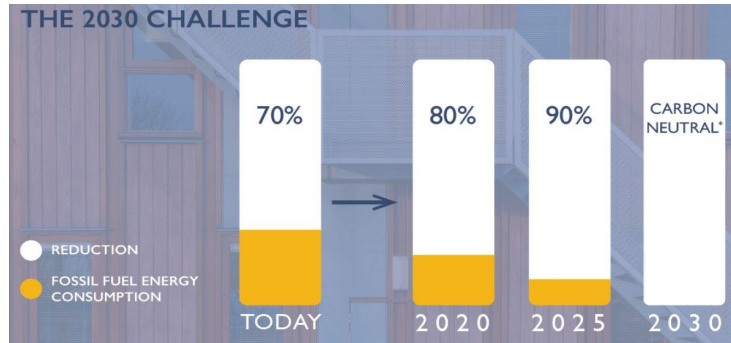


# AIA Materials Pledge concept

## Step 1:

### Common Aspirational Definitions

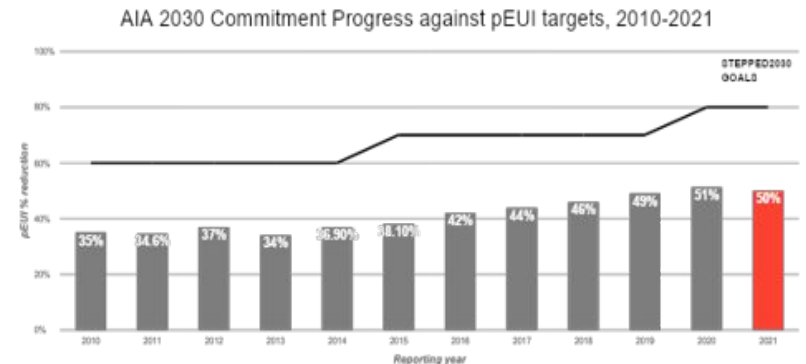
- Define holistically sustainable building materials



## Step 2:

### Metrics and reporting system

- Define the data points to measure improvement



REUSED & SALVAGED  
MATERIALS



LIVING  
BUILDING  
CHALLENGE™



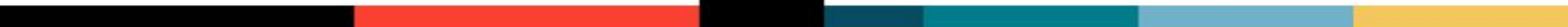
DESIGN FOR  
DISASSEMBLY

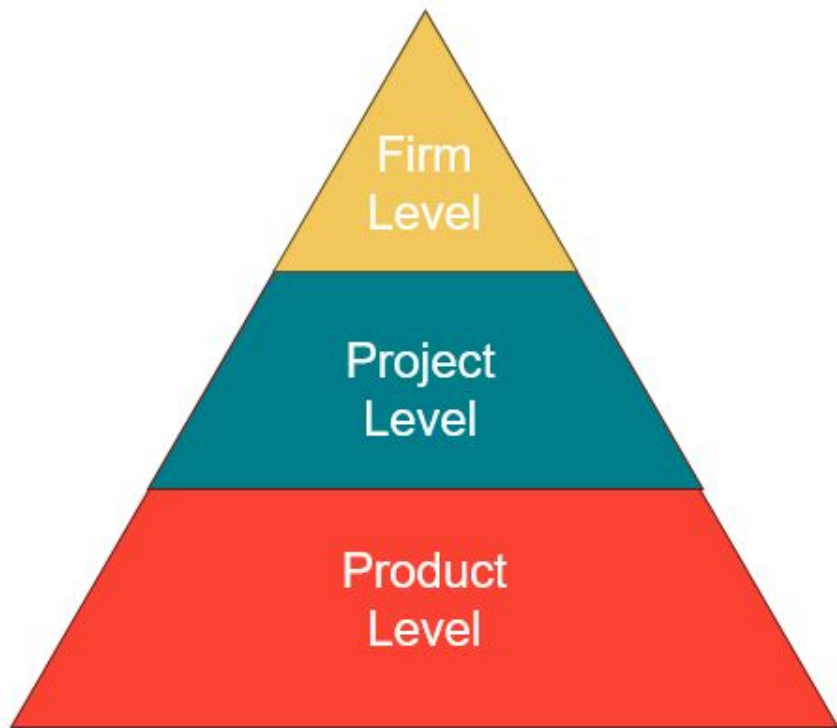


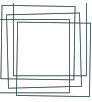
DESIGN FOR  
MINIMIZED WASTE



**BIFMA**







# Voluntary: Project-level reporting

Optional questions about specific questions - “CHOOSE YOUR OWN ADVENTURE”

## Part A:

**Select project(s)**  
Choose one or more projects.

## Part B:

**Answer general project questions**

## Part C:

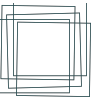
**Select priority product types**  
Choose product types.

## Part D:

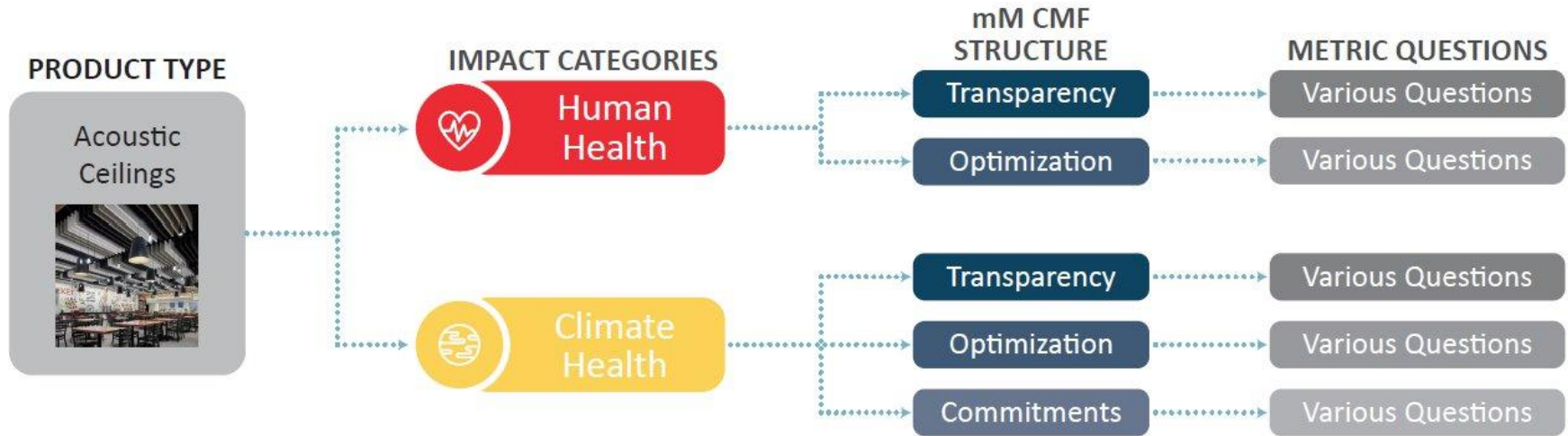
**Select pledge impact categories**  
Choose one or more pledge impact categories to report on.

## Part E:

**Answer product type impact questions**

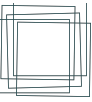


# Product-level reporting

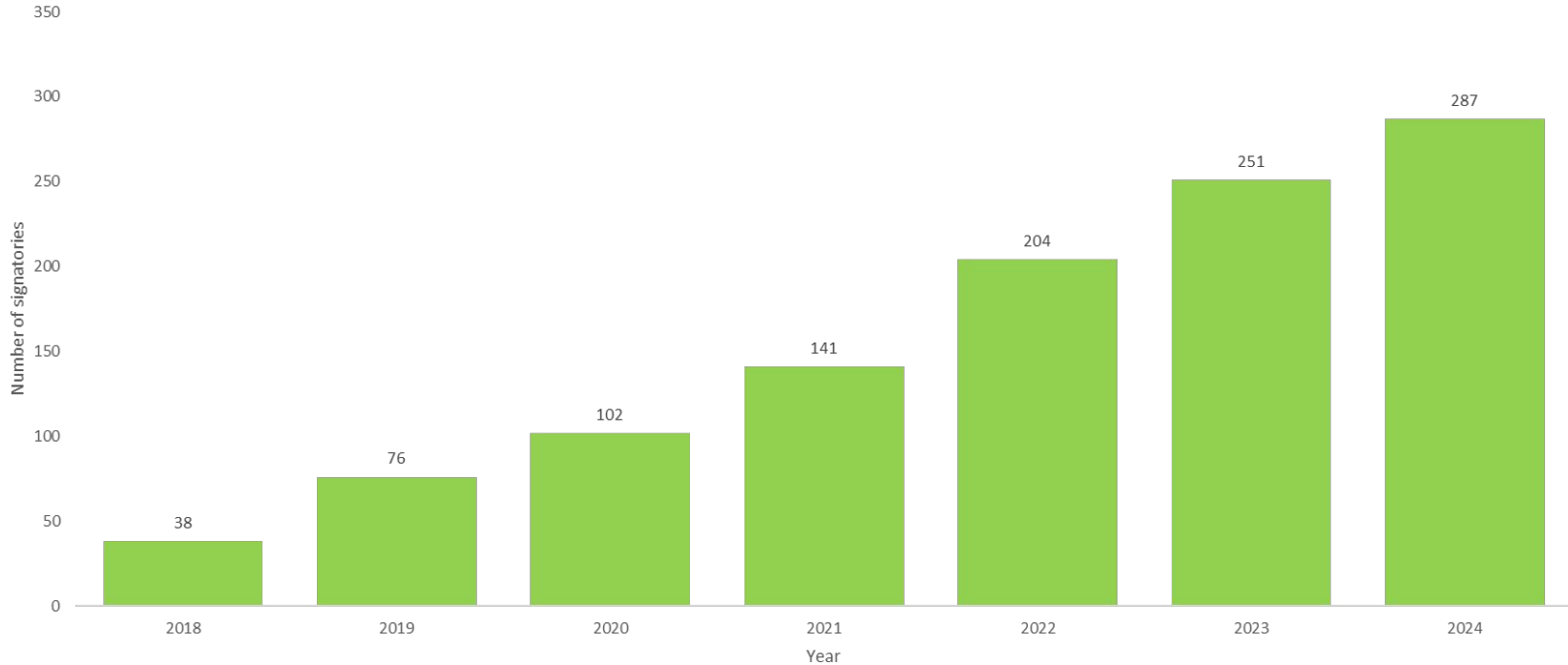


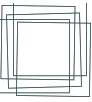
Answer questions for each product type category (not for individual products)





# Materials Pledge signatory growth





# Introducing the Materials Pledge inaugural progress report

## MATERIALS PLEDGE BY THE NUMBERS

The 2023 summary of  
the AIA Materials Pledge



Scan the QR  
code below to  
view the full  
report ↓



billy

## AIA A&D Materials Pledge: 2023 At a Glance

**92**

Reporting signatories

**136**

Reported projects

**>500k**

Reported gross square feet

**61%**

of reporting firms have Sustainability Action Plans (SAP) with materials

**Human health & climate health**

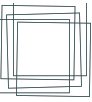
were the most reported impact categories

**Carpeting, resilient flooring, and acoustical ceilings**

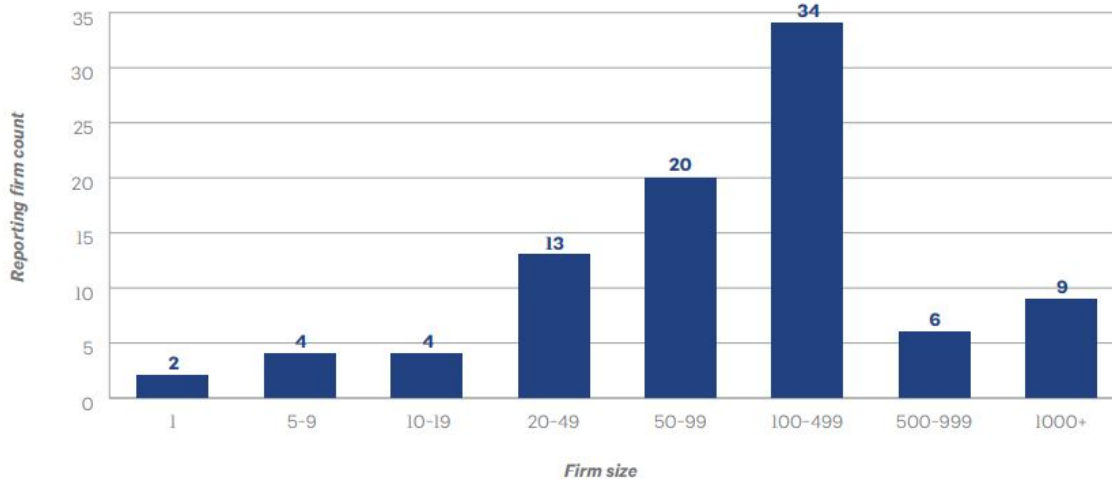
were the most reported product types

**79%**

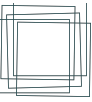
Of reporting projects were in pursuit of building certification



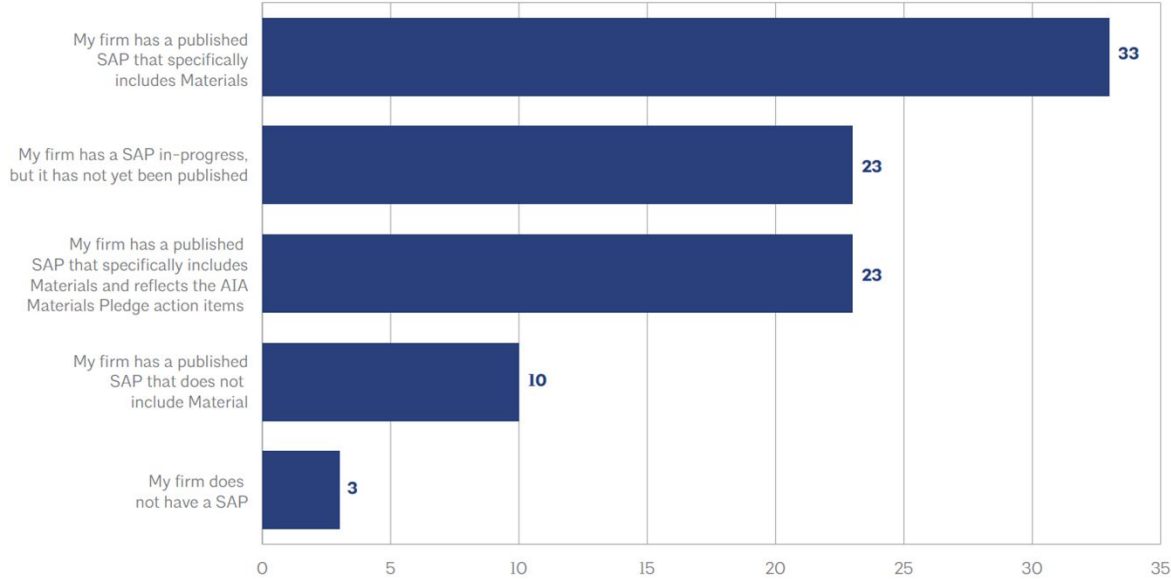
NUMBER OF REPORTING SIGNATORIES BY FIRM SIZE



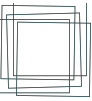
Reporting signatories were primarily large firms (50+) - making up **75% of reporting firms.**



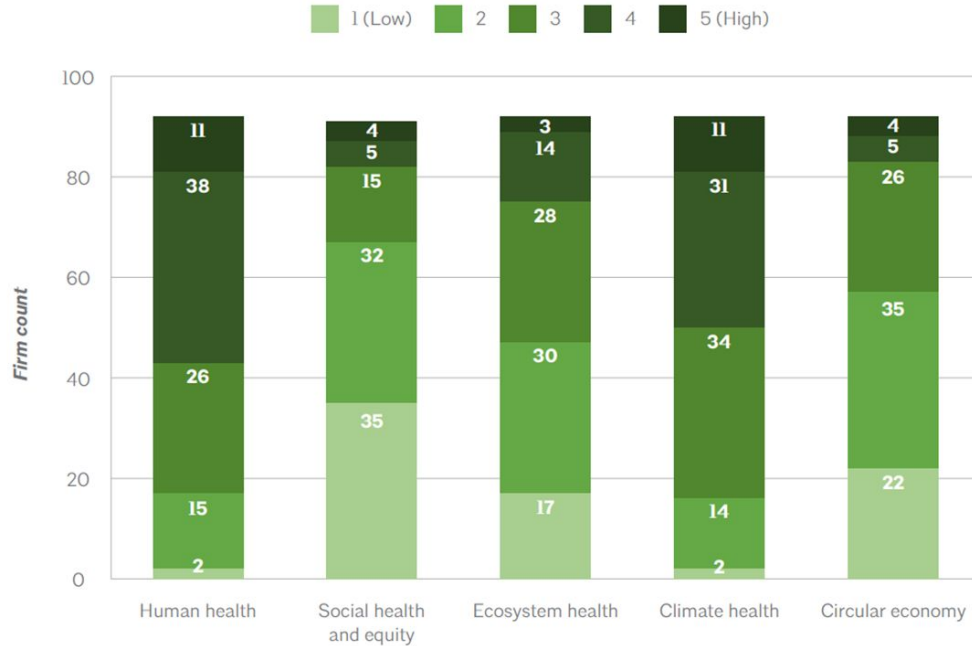
**FIRMS AND SUSTAINABILITY ACTION PLANS (SAP)**



**61%** of reporting firms have a published Sustainability Action Plan with materials

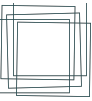


FIRM LEADERSHIP KNOWLEDGE RANKING BY MATERIALS PLEDGE IMPACT CATEGORIES

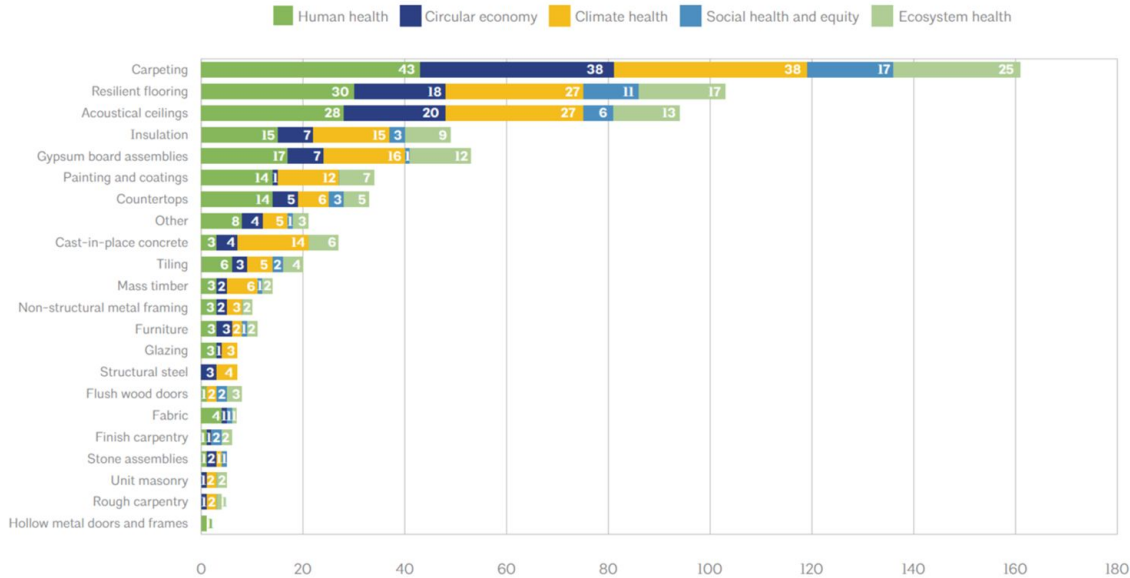


Self-reported firm leadership knowledge varies, with the strongest knowledge being **Human health** and **Climate health**.

These trends are likely reflected across sustainability teams and project architect staff as well.

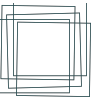


REPORTED PRODUCT DATA BY MATERIALS PLEDGE IMPACT CATEGORIES



**Carpeting, resilient flooring, and acoustical ceilings are the most reported product types**

**Human health and Climate health lead in most reported impact categories**



# What's next for the AIA Materials Pledge?

- Materials Pledge Reporting Year (RY24) will kick off **February 1** and close **May 31st**
  - Firm-level questions will continue to be required and project-level and product-level strongly encouraged
- Upcoming resources
  - Sample materials tracking spreadsheet based on MP reporting metrics
  - Further guidance on reporting product types and impact categories
  - Later in 2025, an updated Sustainability Action Plan resource to support firms creating a Materials Action Plan





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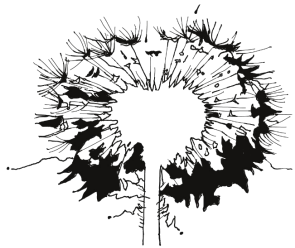


**Rodolfo Perez**  
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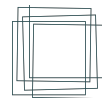


**Annie Bevan**  
mindful MATERIALS

**Moderator**



# LIVING FUTURE®



**Just.**

**Declare.**

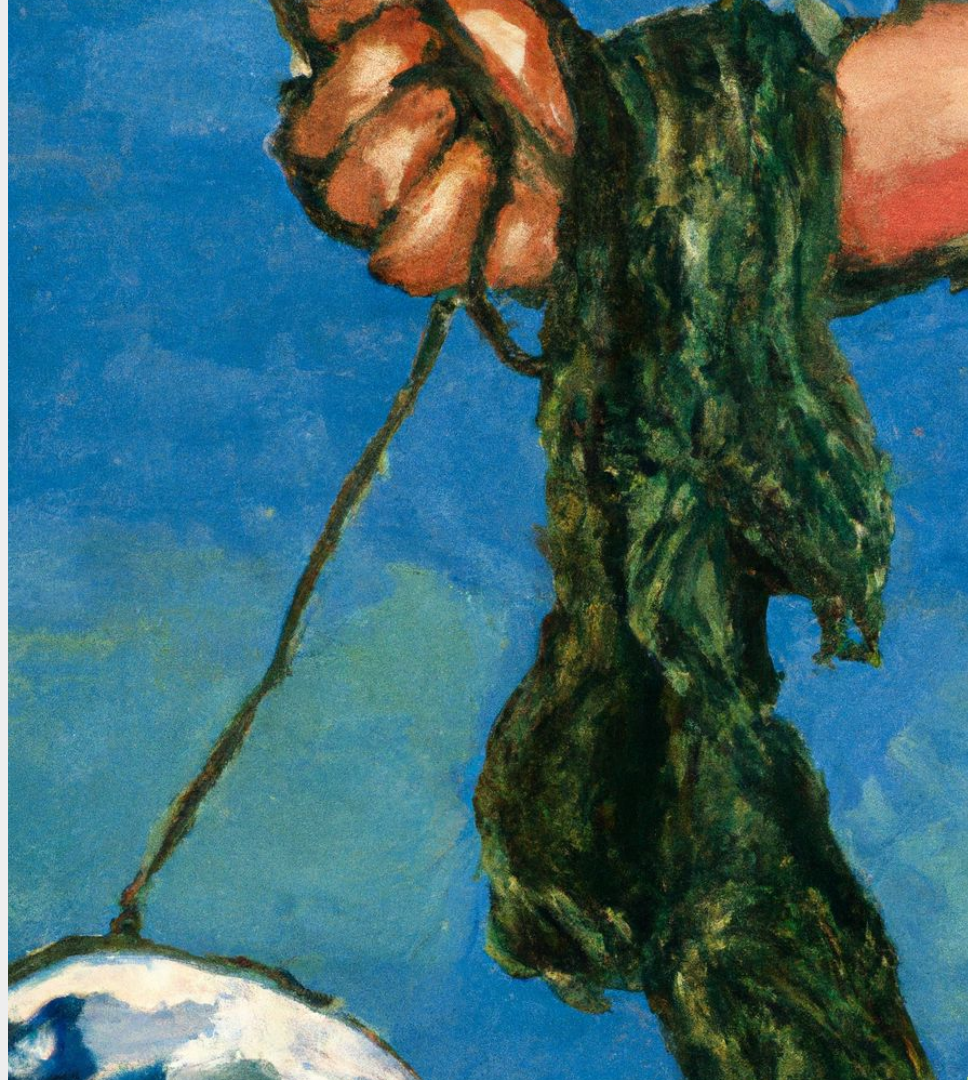


## Our Mission

The International Living Future Institute believes in providing a compelling vision for the future that is socially just, culturally rich, and ecologically restorative

# Everything Is Interconnected

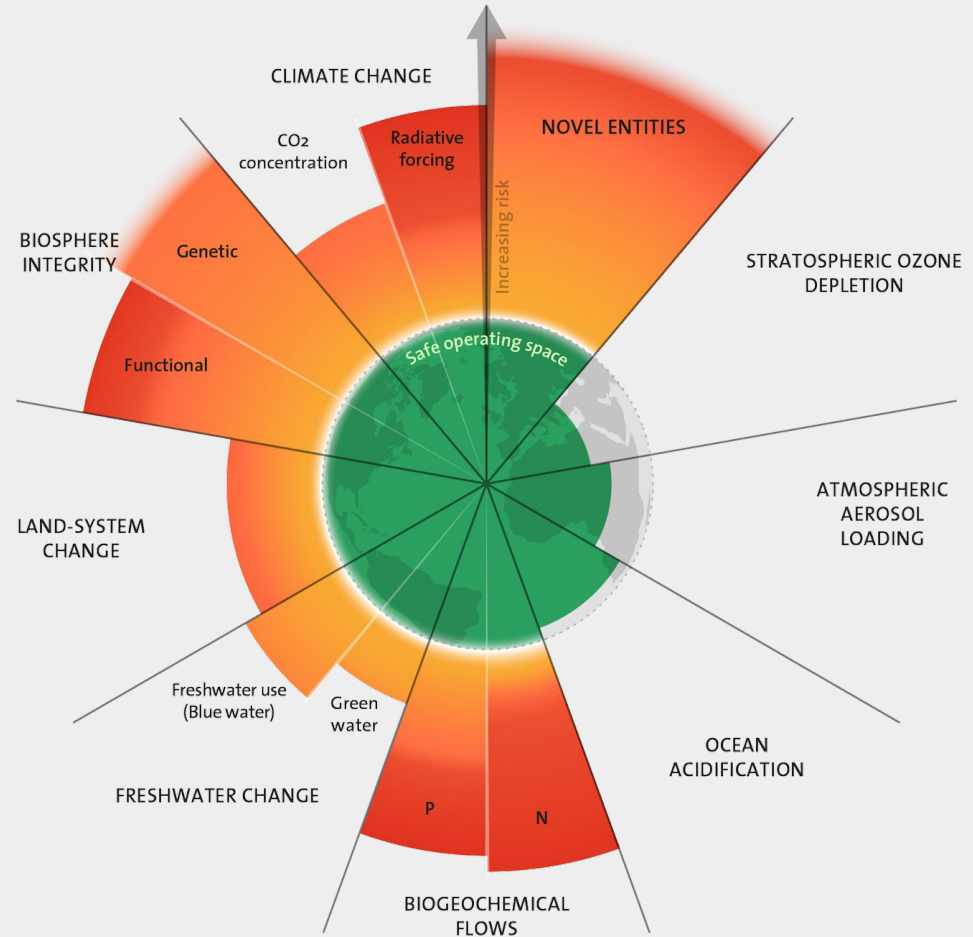
*“As soon as we take one thing by  
itself, we find it hitched to everything  
else in the universe.” - John Muir*



# 9 Planetary Boundaries

1. **Climate Change**
2. **Novel Entities**
3. **Stratosphere Ozone Depletion**
4. Atmospheric Aerosol Loading
5. Ocean Acidification
6. **Biogeochemical Flows**
7. **Freshwater Change**
8. **Land-System Change**
9. **Biosphere Integrity**

Credit: Azote for Stockholm Resilience Centre, Stockholm University



5

years.

5

species.

5

responses.

5

buckets.



take

5

then,  
**FOCUS!**

# Collaborating and Innovating!

10+/- years of ILFI Materials Programs

Annual LBC Red List Updates

Radical Ecosystem Collaboration

December 04 - Materials Advocacy Forum

May 06 - 08 - Living Future Portland  
*Accelerating Regenerative Action  
 Regenerative Materials: Now!*

New Declare & Living Product Challenge



**Product Name**  
**Manufacturer**

**Final Assembly:** First City, State, Country;  
 Second City, State, Country; Third City, State, Country  
**Life Expectancy:** 50 Years  
**Embodied Carbon:** # kg CO<sub>2</sub>-eq =  
**Declared Unit:** # m<sup>2</sup>  
**End of Life Options:** Recyclable (95%), Landfill (5%),  
 Take Back Program (Program Name/Location)

**Ingredients:**

**Your First Component:** Sustainably Sourced Ingredient;  
**LBC Red List Ingredient<sup>1</sup>; Your Second Component:**  
**LBC Watch List Priority for Inclusion<sup>2</sup>; Non-Toxic Ingredient;**  
 Undisclosed (<0.1%)<sup>2</sup>

<sup>1</sup>LBC Temp Exception RL-009 Formaldehyde  
<sup>2</sup>LBC Temp Exception RL-004var.a Proprietary Ingredients

**Living Building Challenge Criteria:** Compliant

**I-13 Red List:**  
 LBC Red List Free      % Disclosed: 99.9% at 100ppm  
 LBC Red List Approved      **VOC Content:** # g/L  
 Declared

**I-10 Interior Performance:** CDPH Standard Method v1.2-2017  
**I-14 Responsible Sourcing:** Product Available with FSC Chain of Custody


XXX-XXXX  
 EXP. 01.OCT 2021  
 Original Issue Date: 20XX




MANUFACTURER CLAIMS VERIFIED BY **THIRD PARTY VERIFIED ASSESSOR**  
 INTERNATIONAL LIVING FUTURE INSTITUTE™ [living-future.org/declare](http://living-future.org/declare)

## Living Product Challenge 2.0

**Humanscale®**  
 Float® Base



**Manufacturing Locations:**  
 Piscataway, New Jersey, USA  
 Nogales, Sonora, Mexico

3/3	Place	<b>Full Certified</b>  <b>20/20</b> Imperatives Achieved	<b>Life Expectancy:</b> 10 Years <b>End of Life Options:</b> Take Back Program (BEAM, Global), Salvageable/ Reusable in Its Entirety, Recyclable (99%), Landfill (1%) <b>Functional Unit:</b> One square meter of workspace for ten years
2/2	Water		
2/2	Energy		
3/3	Health		
4/4	Materials		
4/4	Equity		
2/2	Beauty		

**Climate Impact**

110%

**Net Positive**  
 cradle-to-gate footprint

831-87.6 kg CO<sub>2</sub> eq

**Water Impact**

110%

**Net Positive**  
 cradle-to-gate footprint

0.7 m<sup>3</sup>

**Energy Impact**

110%

**Net Positive**  
 cradle-to-gate footprint

172-18.7 kg oil eq

**Waste Impact**

110%


**Net Positive**  
 90.6% diverted from landfill  
 global landfill footprint

182.7 net tons

**Declare.**

LBC I-13 Red List:  
 LBC Red List Free  
 LBC Red List Approved  
 Declared

**HSC-0002**  
 Living Building Challenge Criteria: Compliant  
 LBC I-10 Interior Performance: CDPH Standard Method v1.2-2017  
 LBC I-14 Responsible Sourcing: Not Applicable



95% Assessed

**Verified By:** SCS Global Services  
 A Just™ Organization

**HSC-LP004**  
 EXP. 06/15/2024

INTERNATIONAL LIVING FUTURE INSTITUTE™ [living-future.org/lpc](http://living-future.org/lpc)

## Equity Unveiled: Pursuing Just 3.0 for Building Industry Progress

Registration Information: Registering for the session holds your seat in the class until 5 minutes prior to the scheduled start time. At that time your seat in the session can...

🕒 Nov 15, 2024 9:00 AM to 10:00 AM

📍 201A (2nd Floor)

🔗 Tools and Innovation



**Griso Barrios**

International Living Future Institute



**Katie Cooper**

HMTX Industries, LLC



**Cari Williams**

DPR Construction



**Allison Wilson**

Ayers Saint Cross

## Whole Life Carbon Accounting: Current Abilities and Future Progress

Registration Information: Registering for the session holds your seat in the class until 5 minutes prior to the scheduled start time. At that time your seat in the session can...

🕒 Nov 15, 2024 10:15 AM to 11:15 AM

📍 201A (2nd Floor)

🔗 Tools and Innovation



**Jacqueline Hart**

International Living Future Institute



**Efrie Escott**

Schneider Electric



**Matt Van Duinen**

WAP Sustainability Consulting



**Tolga Tutar**

Skanska



2024 Regenerative Materials Advocacy Report

# REGENERATIVE MATERIALS

# NOW

A PLAYBOOK FOR DESIGNERS & SPECIFIERS





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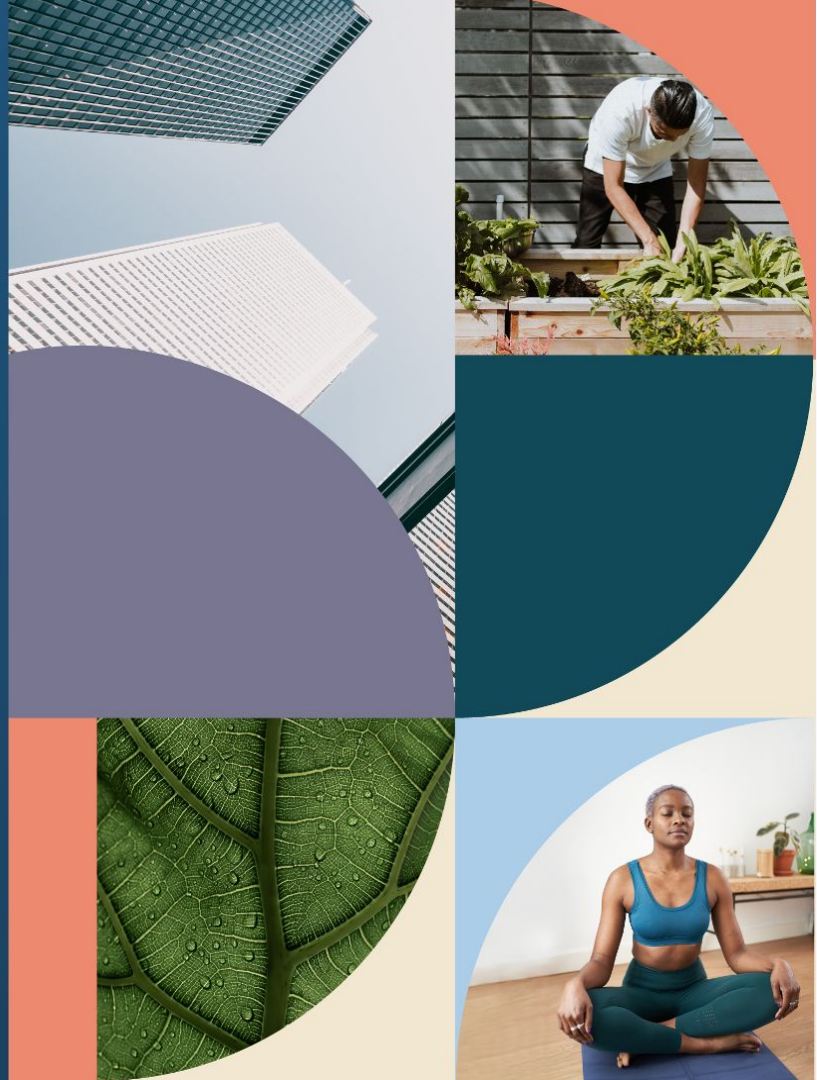
**Annie Bevan**  
mindful MATERIALS

**Moderator**



# How does WELL collaborate?

Rodolfo Perez



# Putting people first

The WELL Building Standard focuses on ten concepts to advance health-focused, integrated and supportive communities.



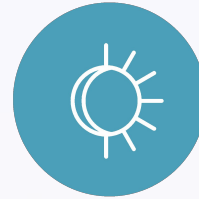
AIR



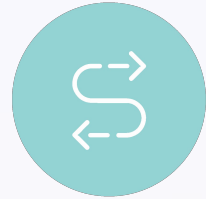
WATER



NOURISHMENT



LIGHT



MOVEMENT



COMMUNITY



MATERIALS



MIND



ACOUSTICS



THERMAL COMFORT

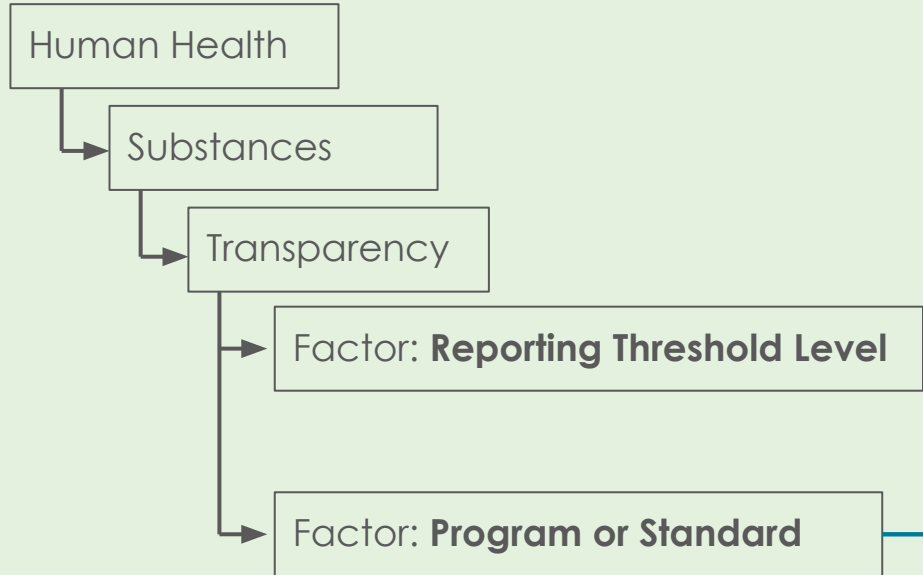
# Our promises

- **Not to reinvent the wheel**
- **Mapping existing WELL requirements to the CMF**
- **Develop new WELL strategies along with CMF mapping**
- Identify gaps & opportunities



# Mapping WELL requirements

## Common Materials Framework



CONCEPTS / MATERIALS / FEATURE X07 OPTIMIZATION

## Materials Transparency

Part 2

### Select Products With Enhanced Ingredient Disclosure (1 Point)

#### For All Spaces

For at least 15 distinct permanently installed products (including flooring, insulation, wet-applied products, lighting fixtures, ceilings, and wall assemblies and systems), furniture and task and floor lamps, the following requirements are met:

- a. All ingredients are disclosed down to 100 ppm.
- b. All ingredients are publicly disclosed by the manufacturer, a disclosure organization or a third party through one of the following:
  1. A Declare label, operated by the International Living Future Institute.<sup>3</sup>
  2. A Health Product Declaration (HPD) published on the HPD repository.<sup>4</sup>

# How are we faring so far?

## Part 1 Select Products With Disclosed Ingredients (1 Point)

### For All Spaces

For at least 25 distinct, permanently installed products (including flooring, insulation, wet-applied products, lighting fixtures, ceilings, and wall assemblies and systems), furniture and task and floor lamps, ingredients are disclosed by the manufacturer, a disclosure organization or a third party through one of the following:

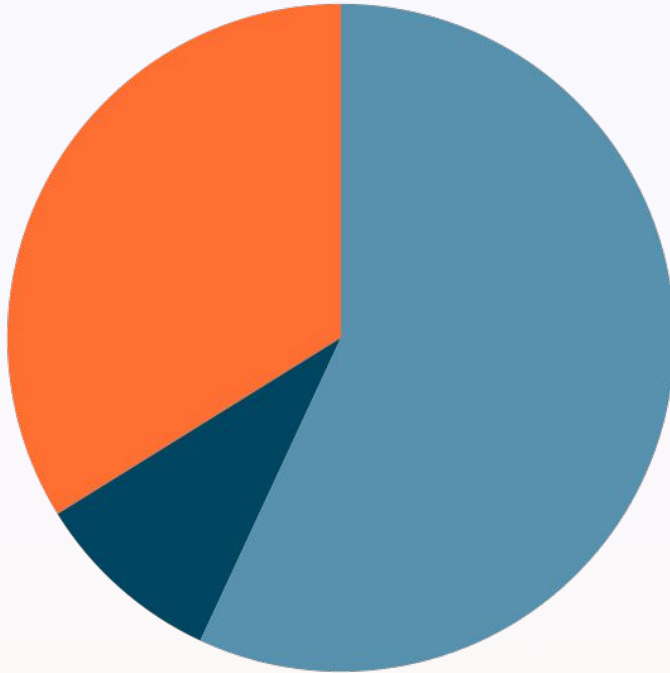
- a. A Declare label, operated by the International Living Future Institute.<sup>3</sup>
- b. A Health Product Declaration (HPD) published in the HPD Public Repository, operated by the Health Product Declaration Collaborative.<sup>4</sup>

	A	C	D	E
	<b>WELL v2 Feature / Part</b>	<b>The following product(s) are subject to the WELL requirement</b>	<b>WELL Requirement</b>	<b>Equivalent / Aligned/ None</b>
5				
43			a. Ingredients are disclosed through a Declare label.	<b>Equivalent</b>
44			b. Ingredients are disclosed through a Health Product Declaration (HPD) published in the HPD Public Repository.	<b>Equivalent</b>
45			c. Products are Cradle-to-Cradle Certified™ product, or have a C2C Material Health Certificate.	<b>Equivalent</b>
46			d. Is certified under the UL Product Lens Certification	<b>Equivalent</b>
47	X07.1 / 1 Points Select Products with Disclosed Ingredients	Permanently installed products, furniture and task and floor lamps	e. Ingredients are disclosed through a Global Green Tag's Product Health Declaration (PHD)	<b>None</b>
48			f. Products achieve 4 points or more in credits 7.5.1.1, 7.5.2.2, or Option 1 in credit 7.5.3 of BIFMA e3-2019 standard	<b>Aligned</b>

# What did we learn?

WELL has...	... and CMF can help finding products in ___ of these
<b>12</b> Building materials selection Strategies	<b>11 (92%)</b>
<b>19</b> Product type-specific lists of requirements	<b>17 (89%)</b>
<b>65</b> Requirements for products (often interchangeable)	<b>33 (57%)</b>

## Map of 65 WELL building product requirements



● In CMF ● Needs alignment ● Not in CMF

- Needs alignment: requiring more specific data points.
- Not in CMF (yet 😊):
  - Asbestos
  - International programs

# Expanding 'Materials Health' in WELL



Building occupants



Building construction  
and operations



Building products'  
manufacturing and  
supply chain

# New Strategies...

CONCEPTS / MATERIALS / FEATURE X13 **OPTIMIZATION** Max 3 Pts

## β Fair Labor in Building Products

Accelerate the elimination of modern slavery by selecting building products from manufacturers that advance and verify fair labor rights across their facilities and in their supply chains.

OVERVIEW ALTERNATIVES 0 FAQ 0 VERIFICATION

### SUMMARY

This WELL feature requires the selection of building products from manufacturers that verify that fair labor practices are implemented at their manufacturing facilities and across their supply chains.

[Read more](#)

### REQUIREMENTS WELL Core + Expand All

Part 1  
Select Products From Manufacturers That Provide Living Wages (1 Point)

Part 2  
Select Products With Certified Raw Materials (1 Point)

Part 3  
Select Manufacturers With Transparency In Supply Chain Practices (1 Point)

... means more  
mapping

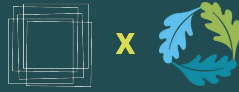
# Keeping our work towards

- Standardize language
- Mapping WELL requirements
- Increase the adoption of healthier materials
- Recognize and celebrate change
- **Collaborate, collaborate and collaborate**

# We are WELL

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**mM EDUCATION SESSION #4**

# Radical Collaboration for Radical Change



**Eana Bacchiocchi**  
AIA



**Mike Johnson**  
ILFI



**Melissa Baker**  
USGBC



**Rodolfo Perez**  
IWBI



**Annie Bevan**  
mindful MATERIALS

**Moderator**



# Building Products in LEED v5

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Greenbuild

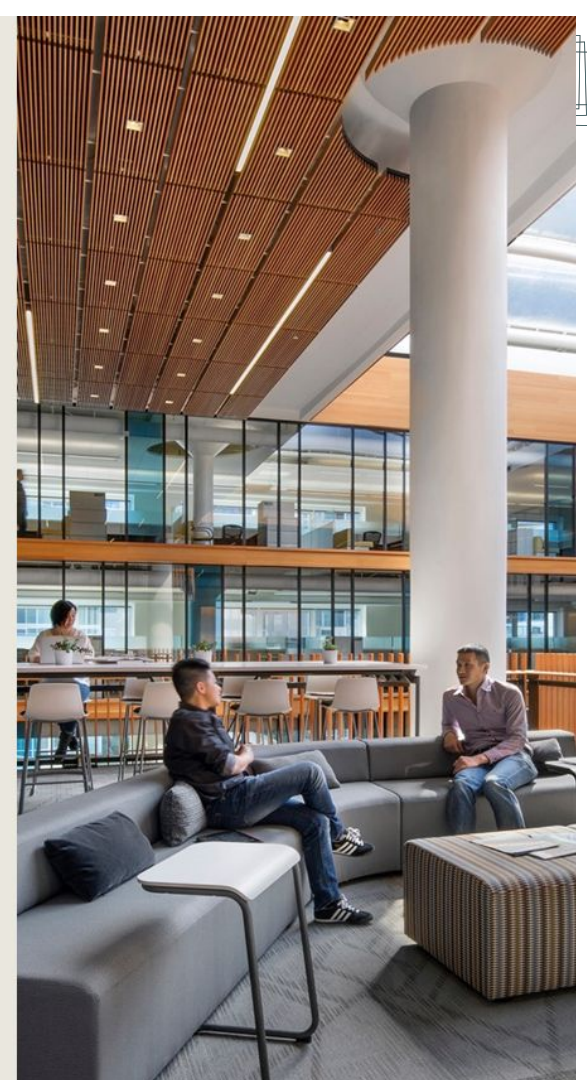
November 14, 2024

Wes Sullens | USGBC

# LEED v4/v4.1 Highlights

## *Product-related credits*

- The **EPD credit** is now the most popular Materials & Resources credit in the new construction rating system
  - **Over 80%** of all certified v4/v4.1 projects have earned at least 1 point in the EPD credit
- **More than 70%** of v4/v4.1 projects:
  - Earn at least 1 point in the **Material Ingredients** credit
  - Earn at least 1 point in the **Low-Emitting Materials** credit
- **Nearly 50%** of v4/v4.1 projects earn at least 1 point for **Sourcing of Raw Materials**
  - Includes recycled content, sustainable wood, biobased materials, extended producer responsibility, reuse





# MATERIALS + RESOURCES

To support and promote low-embodied carbon, material health, and circular economy principles across the entire lifecycle.

## HIGHLIGHTS

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- 1 | Prioritize embodied carbon reductions of materials
- 2 | Reduce, reuse, and prevent waste in design, construction and building operations
- 3 | Optimize building materials across multiple attributes
- 4 | Align with industry momentum to speed market transformation



# Notable Changes to Materials & Resources Credits

2<sup>nd</sup> Public Comment Draft

13 points in v4 → 18 points in v5 (Building Design & Construction rating system)

13 points in v4 → 26 points in v5 (Interior Design & Construction rating system)

Low-Emitting Materials credit is now located in M&R category

Assess Embodied Carbon prerequisite & Reduce Embodied Carbon credits

Building & Materials Reuse stand-alone credits

Material Ingredients

Environmental Product Declarations

Sourcing of Raw Materials



Building Product

Disclosure & Optimization credit

## BD+C Scorecard

	<b>Materials &amp; Resources</b>	<b>18</b>
Prereq	Planning for Zero Waste Operations	Required
Prereq	Assess and Quantify Embodied Carbon	Required
Credit	Building and Materials Reuse	3
Credit	Reduce Embodied Carbon	6
Credit	Low-Emitting Materials	2
Credit	Building Product Disclosure and Optimization	5
Credit	Construction and Demolition Waste Diversion	2

## ID+C Scorecard

	<b>Materials &amp; Resources</b>	<b>26</b>
Prereq	Planning for Zero Waste Operations	Required
Prereq	Assess and Quantify Embodied Carbon	Required
Credit	Interior Materials Reuse	4
Credit	Reduce Embodied Carbon	4
Credit	Low Emitting Materials	4
Credit	Building Product Disclosure and Optimization	10
Credit	Construction and Demolition Waste Diversion	4

# LEED v5 BD+C and ID+C MR Credits Addressing Embodied Carbon

<b>Assess and Quantify Embodied Carbon (Prerequisite)</b>	<b>Reduce Embodied Carbon (1-6 points)</b>	<b>Building &amp; Material Reuse (1-3 points)</b>	<b>Building Product Disclosure and Optimization (1-5 pts.)</b>	<b>Construction &amp; Demolition Waste Diversion (1-2 pts.)</b>
<ul style="list-style-type: none"><li>• Quantify A1-A3 embodied carbon emissions for structure, enclosure, and hardscape materials</li><li>• Identify top 3 sources of embodied carbon</li></ul>	<ul style="list-style-type: none"><li>• Option 1: Whole Building LCA</li><li>• Option 2: EPD Analysis: Project-Average Approach</li><li>• Option 3: EPD Analysis by Materials</li><li>• Option 4: Track Carbon Emissions from Construction Activities</li></ul>	<ul style="list-style-type: none"><li>• Building reuse</li><li>• Material reuse</li><li>• Targets specific materials for recovery and preservation:<ul style="list-style-type: none"><li>• Carpet</li><li>• Ceilings</li><li>• Furniture</li><li>• Interior walls</li></ul></li></ul>	<ul style="list-style-type: none"><li>• Multi-attribute assessment of products</li><li>• Option 1: Number of Manufacturers</li><li>• Option 2: Product Categories</li><li>• Rewards products for disclosure and reduced embodied carbon</li></ul>	<ul style="list-style-type: none"><li>• Rewards higher quality diversion and more accurate reporting</li><li>• Encourages off-site salvage/reuse</li><li>• Encourages third party verification of recycling rates</li></ul>

# LEED v5 BD+C and ID+C MR Credits Addressing Embodied Carbon

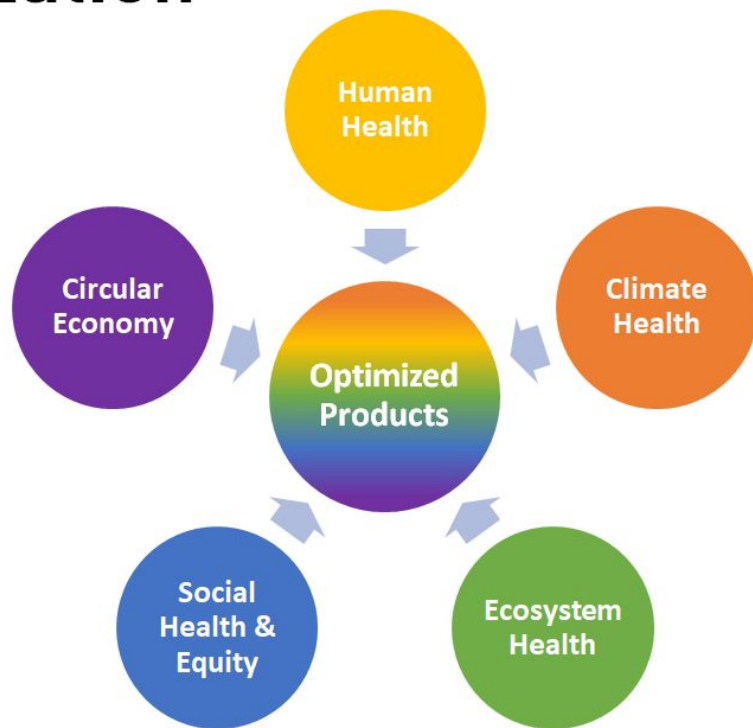
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Structure & Enclosure Materials			Finish Materials	





# MR Credit: Building Product Disclosure and Optimization

- Combined credit rewards for product disclosure and optimization across five **criteria areas**, aligning with industry momentum
- Three **achievement levels** for products per criteria area based on disclosure, verification, and optimization
- Provides consistency with product documentation from LEED v4 & v4.1
- A single calculator for LEM and BPDO to simplify documentation





# MR Credit: Building Product Disclosure and Optimization Goals

LEED v5 provides a framework for evaluating products and assigning them scores:

- Level 1
  - A product in this level achieves a first step towards sustainability. Widespread achievement of these practices drive market transformation towards sustainability outcomes.
- Level 2
  - This level represents a leadership position in the marketplace. Products at this level are optimized and demonstrate a level of sustainability that peers aspire to achieve.
- Level 3 (Reserved)
  - Products that earn this level are elite and represent the forefront of sustainability.

# Optimized Product Valuation table

*Due to feedback from our stakeholders, this table was moved to a separate resource document for second public comment draft. This allows the table to be updated over time through the LEED development addenda process.*

*Find this table in the "Resources and tips" section of BPDO credit in the online credit library [www.usgbc.org/leed/v5](http://www.usgbc.org/leed/v5)*

Eligible Product Documentation	Criteria Areas					Option 1: Three Impact Areas Achieved?	Option 2: LEED Multi-Attribute Score (max. = 5)
	Climate Health	Human Health	Ecosystem Health	Social Health & Equity	Circular Economy		
Aluminum Stewardship Initiative - Chain of Custody	-	-	-	1	-	-	1
ANSI/BIFMA e3 / level	-	1	-	-	-	-	1
Biobased (½ x verified biobased content %)	-	-	-	-	%	-	up to 1
Concrete Sustainability Council Certification	-	-	-	1	-	-	1
Cradle to Cradle: Bronze (Version 4.1)	1	1	1	1	-	Yes	4
Cradle to Cradle: Silver or better (Version 4.1)	2	2	2	1	1	Yes	5
Cradle to Cradle: Material Health Cert. Bronze	-	1	1	-	-	-	2
Cradle to Cradle: Material Health Cert. Silver or better	-	2	1	-	-	-	4
Declare	-	1	-	-	-	-	1
Declare: third party verified	-	2	-	-	-	-	2
EPD, Industrywide or Product-Specific Type III	1	-	1	-	-	-	1
EPD, Optimized (15% better or more)	2	-	1	-	-	-	3
Fair Stone Standard	-	-	-	1	-	-	1
Global Green TAG PhD	-	2	-	-	-	-	2
Global GreenTag Certification – Bronze Level	-	-	-	1	-	-	1
Green Seal GS-11 Certified	-	2	1	-	-	-	3
GreenCircle Closed-Loop certified	1	-	1	-	2	-	4
HPD: pre-checked for LEED	-	1	-	-	-	-	1
HPD: third party verified	-	2	-	-	-	-	2
HPD: Optimized with verification	-	2	1	-	-	-	3
Living Product Challenge - Full Certification	2	2	2	1	1	Yes	5
Materials reuse	2	-	1	-	2	Yes	5
Recycled content (½ x pre-consumer % + 1 x post-consumer %)	-	-	-	-	%	-	up to 1
ResponsibleSteel Certification	-	-	-	1	-	-	1
Wood: Source disclosure	-	-	1	-	-	-	1
Wood: Responsibly Sourced (legal and verified)	-	-	2	1	-	-	3
USGBC Approved Extended Producer Responsibility program	-	-	-	-	1	-	1
Other USGBC Approved Program	TBD						



# MR Credit: Building Product Disclosure and Optimization

Two ways to earn points:

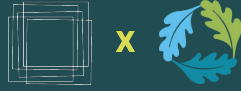
- Option 1: Number of Manufacturers
  - Select products from a variety of unique product manufacturers from any product category
  - Products must demonstrate multi-attributes in at least three criteria areas
- Option 2: Product Categories
  - Select products within defined product categories
  - Product scores become multipliers within each product category

## Option 2 Product Categories:

- Paints and coatings
- Adhesives and sealants
- Flooring
- Walls
- Ceilings
- Insulation
- Furniture
- Composite Wood
- Plumbing fixtures (LEM n/a)



**Q+A**



# Thank you!

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