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C&D debris account for more than **2x**
the amount of the generated municipal
solid waste in the U.S.

ENERGY



WASTE



SUSTAINABLE
SITES



ESG



HEALTH &
WELLNESS

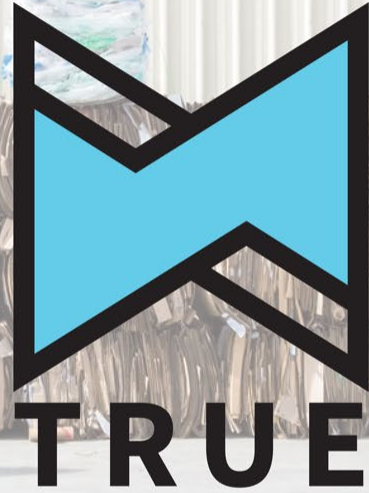


RESILIENCE



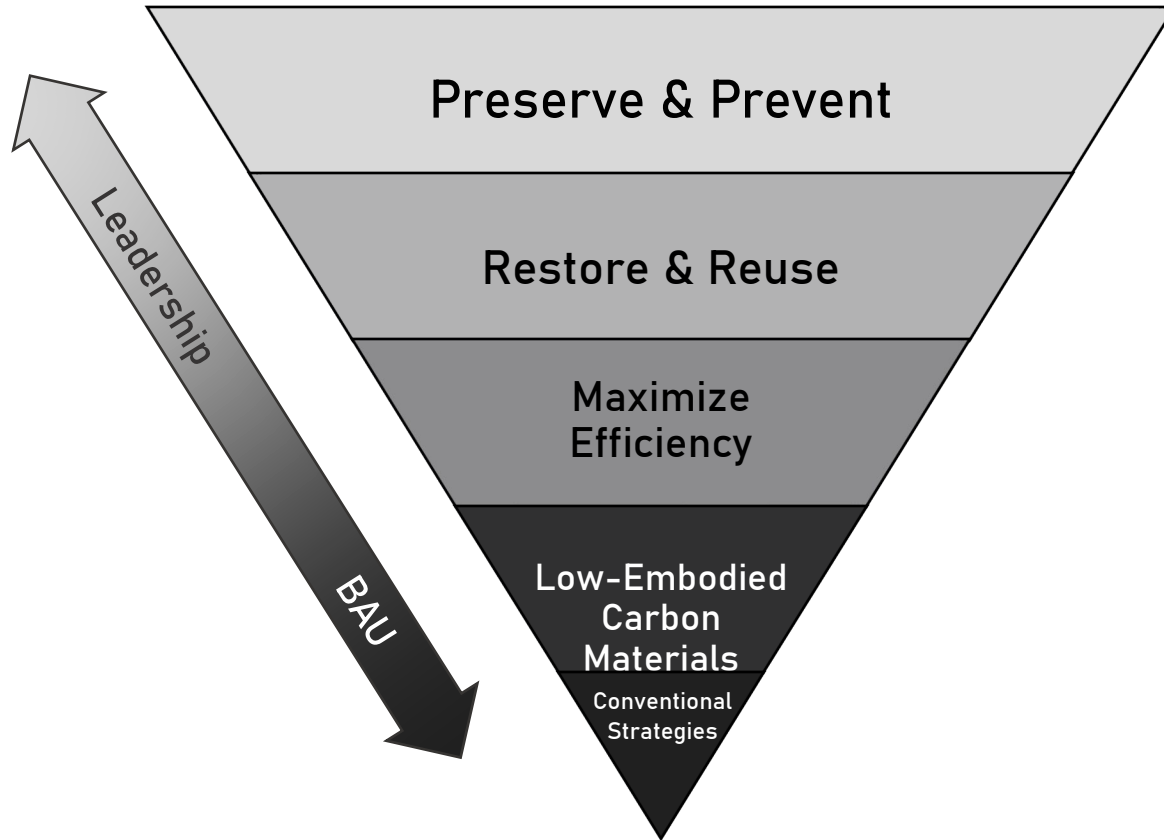


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Total Resource Use and Efficiency

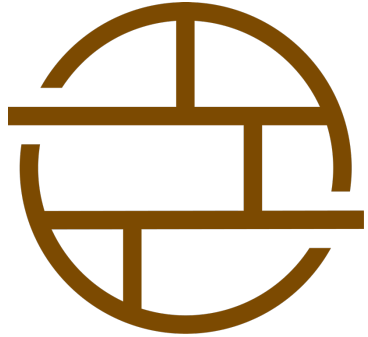
MATERIALS MANAGEMENT PRIORITIES



MATERIALS AND RESOURCES



MATERIALS AND RESOURCES



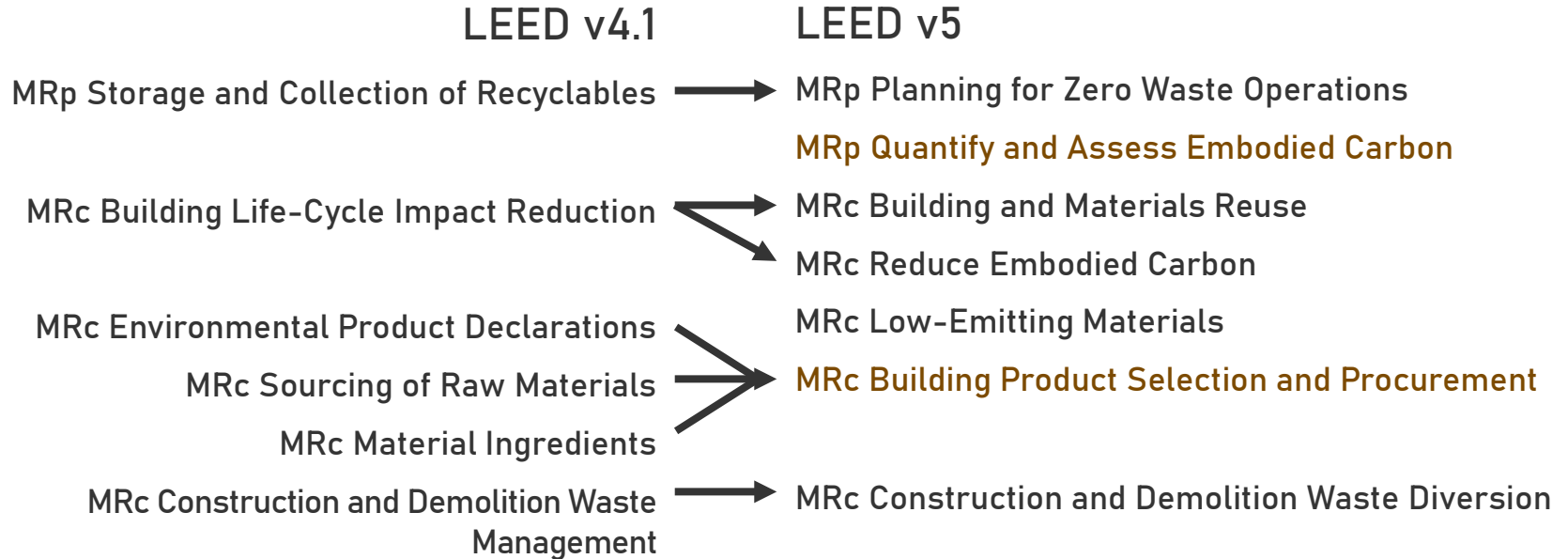
HIGHLIGHTS

- Embodied Carbon accounting for all
- Doubling-down on reuse
- Raising the bar on low-emitting materials
- New framework for multi-attribute products
- Construction Waste behavior change

MATERIALS AND RESOURCES

New in LEED v5

Updated in LEED v5



MRc1: Building and Materials Reuse

Option 1. Building Reuse 1–3 Points (NC), 1–5 Points (CS)

- Maintain the existing building structure, including floor decking, roof decking, and enclosure.
- Portions of buildings deemed structurally unsound or hazardous are excluded from the credit calculations.

AND
/OR

Option 2. Materials Reuse 1–2 Points

- Identify opportunities for materials reuse and/or procurement of reused materials from off-site.
- Reuse materials by keeping them in place or acquiring them and incorporating the materials into the new project design.
- For projects with deconstruction or demolition in scope, conduct a salvage assessment and identify materials that can be retained on-site or diverted off-site to reuse markets.

MRc5: Construction and Demolition Waste Diversion

Construction and Demolition Materials Management Plan

Develop and implement a construction and demolition (C&D) materials management plan and achieve points through diversion and recycling.

AND

Diversion 1–2 Points (BD+C), 1–4 Points (ID+C)

Follow the materials management plan and provide a final waste management report.

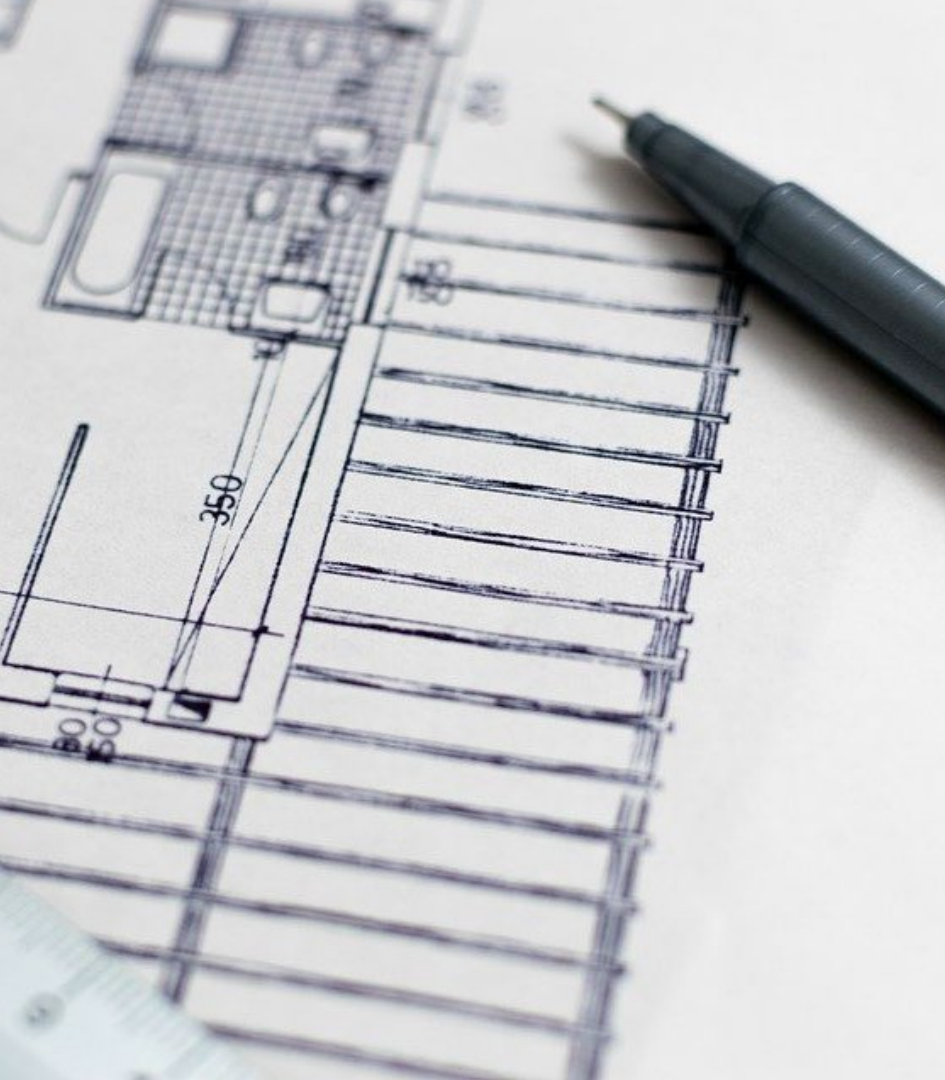
Divert C&D waste materials by employing strategies including:

- Off-site salvage
- Source-separation for single-material recycling,
- Mixed C&D recycling
- Industry/manufacturer takeback programs



TRUE for Construction Projects

Pilot Introduction



Why TRUE for Construction?

ZERO WASTE NEEDED AT CONSTRUCTION SITES

► C&D debris accounts for more than twice the amount of generated municipal solid waste in the US.

INCREASE IMPACT

► Sector specific adaptations help address market need and increase our impact

RECOGNIZE OF EXCELLENCE

► Certification acts as a valuable way to recognize projects achieving excellence in zero waste

Snapshot of Rating System Modifications

RATING SYSTEM SECTION	GENERAL CONTENT CHANGES	POINTS	
		TRUE v1 Rating System	TRUE Construction Projects Pilot Guidance
Minimum Program Requirements	Modified MPRs; two MPRs not applicable	7 required	5 required
Redesign	Modified two credits	4 points	4 points
Reduce	Modified two credits, two credits not applicable	7 points	5 points
Reuse	All credits remain as-is	7 points	7 points
Compost	Three credits not applicable	7 points	4 points
Recycle	All credits remain as-is	3 points	3 points
Zero Waste Reporting	One credit not applicable	4 points	3 points
Diversion	All credits remain as-is	5 points	5 points
Zero Waste Purchasing	All credits remain as-is	7 points	7 points
Leadership	Modified three credits, one credit not applicable	6 points	5 points
Training	Modified three credits, most credits remain as-is	8 points	8 points
Zero Waste Analysis	Modified three credits	5 points	5 points
Upstream Management	All credits remain as-is	4 points	4 points
Hazardous Waste Prevention	Modified one credit, most credits remain as-is	5 points	5 points
Closed Loop	Modified one credit, two credits not applicable	4 points	2 points
Innovation	One credit not applicable	3 points	2 points
Pilot Credits	All credits remain as-is	2 optional	2 optional
	TOTAL POTENTIAL POINTS	81 points	70 points

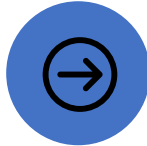
Eligibility



Full duration of construction must be included



Apply after certification of occupancy has been received



All materials generated onsite should be included in reporting



Must include all activities and processes within the site



270 PARK AVE – JP MORGAN CHASE TOWER

97% of demolition materials from the former Union Carbide building were recycled, reused or upcycled.

690 tons of materials — including carpet tile, ceiling systems, drywall and light fixtures — were diverted back to manufacturers for reuse in new products through a soft-demolition approach.





DOMINO SUGAR REFINERY - BROOKLYN

Adaptive reuse of a landmark industrial structure — transforming the historic sugar refinery into a modern ~425,000 SF office building while retaining its historic brick façade and industrial character.

Original refinery materials and artifacts given new life: reclaimed brick was incorporated into the interior, while **30+ salvaged industrial artifacts** were integrated into Domino Park.





TERMINAL WAREHOUSE - NYC

1.3M SF adaptive reuse of an 1891 freight warehouse, retaining the existing structure and its embodied carbon rather than replacing it with new construction.

Historic materials repurposed throughout: original long-leaf pine timber, masonry, iron shutters and rail infrastructure were preserved or reused; reclaimed timber was also transformed into new elements such as benches.

Nearly 50% lower embodied carbon than comparable new construction, attributed largely to extensive reuse of the existing structure and materials.



Colgate - Burlington



**REDESIGN. RETHINK. REDUCE.
REUSE. GOING BEYOND RECYCLING.**