

BPDO CHEAT SHEET

The three Building Product Disclosure and Optimization (BPDO) credits in LEED v4 are pushing the industry into new territory. Suppliers have made significant progress on materials transparency and optimization since the release of version 4, but not enough to make all the points realistically achievable. With version 4.1, LEED has modified thresholds and simplified requirements so that all six points should be within reach for most projects.



ENVIRONMENTAL PRODUCT DECLARATIONS (EPDs)



RAW MATERIAL EXTRACTION



MATERIAL INGREDIENTS

OPTION 1

DISCLOSURE (1 POINT)

EASY (AND GETTING EASIER ALL THE TIME)

- ▶ EPDs representing 20 different products from at least 5 manufacturers
- ▶ Third-party certified EPDs count at 1.5x value

GOOD TARGET FOR EXEMPLARY PERFORMANCE (40 EPDs)

NO DISCLOSURE OPTION

READILY ACHIEVABLE

- ▶ **1st point:** 20% (by cost) of products have to meet one of the options: take-back program, bio-based, salvaged, recycled content, or "legal wood."

POTENTIALLY ACHIEVABLE

- ▶ **2nd point:** 40% of products have to meet one of the options to earn the 2nd point.

NOTE: The credit language calls for FSC-certified wood, but there is a Legal Wood alternative compliance path that effectively expands this to include many other, less rigorous, forest certifications.

LOCAL MATERIALS COUNT DOUBLE!

(EXTRACTED, MANUFACTURED, & PURCHASED WITHIN 100 MILES)

This could make a difference for wood, aggregate, salvage items in the Raw Material Extraction credit.

EASY (AND GETTING EASIER ALL THE TIME)

- ▶ 20 disclosure statements from at least 5 manufacturers
- ▶ Lots of disclosure statement options

GOOD TARGET FOR EXEMPLARY PERFORMANCE (40 disclosure statements)

OPTION 2 (& 3)

OPTIMIZATION (1 POINT)

READILY ACHIEVABLE

10% (by cost) of products **OR** 10 different products have to show:

- ▶ That they've done an LCA and have a plan for reducing impacts (½ value).

OR

- ▶ Better-than-baseline performance on global warming potential and other environmental impact categories (full to 2x value, depending on the performance over baseline).

GOOD TARGET FOR EXEMPLARY PERFORMANCE (20% or 20 different products)

ACHIEVABLE (AND GETTING EASIER)

10% (by cost) of products **OR** 10 different products have to show:

- ▶ Screening with action plan (½ value)

OR

- ▶ Inventory and assessment (full value)

OR

- ▶ Optimization (1.5x value)

Multiple documentation options. Many are brand new, but Cradle to Cradle and Living Building Challenge Red List Free are already well established.