

# BPDO CHEAT SHEET

The three Building Product Disclosure and Optimization (BPDO) credits in LEED v4 are pushing the industry into new territory. USGBC has done a great job defining and spurring manufacturers to support some options, but others are not yet (as of mid-2017) achievable, for a range of reasons. So go after the easy ones, and don't waste time on others until they're within reach.



## ENVIRONMENTAL PRODUCT DECLARATIONS (EPDs)



## RAW MATERIAL EXTRACTION



## MATERIAL INGREDIENTS

OPTION 1

### DISCLOSURE (1 POINT)

#### EASY

(AND GETTING EASIER ALL THE TIME)

- ▶ 20 product-specific EPDs from at least 5 suppliers
- ▶ Industry-average EPDs count at 1/2 value

**GOOD TARGET FOR EXEMPLARY PERFORMANCE (40 EPDs)**



#### NOT ACHIEVABLE AT THIS TIME

- ▶ Corporate sustainability reports have to include specifics on raw material extraction. Almost none of them do (yet).

**IN THE FUTURE:** Will become viable after we see results from USGBC work with suppliers to define and develop examples of compliant CSRs. Even after that happens, however, it may a while before a critical mass of companies publish them.



#### EASY

(AND GETTING EASIER ALL THE TIME)

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

**GOOD TARGET FOR EXEMPLARY PERFORMANCE (40 disclosure statements)**



OPTION 2 (& 3)

### OPTIMIZATION (1 POINT)

#### NOT ACHIEVABLE AT THIS TIME

- ▶ 50% (by cost) of products have to show better-than-baseline performance in several environmental impact categories.
- ▶ No more than 30% can be from structure & enclosure, which is challenging even with new flexibility on that requirement from USGBC.

**IN THE FUTURE:** Will become viable for more projects if/when USGBC approves more certifications as indicative of across-the-board improvements.



#### DOABLE

(ESPECIALLY WITH THE SWITCH FROM FSC-ONLY TO LEGAL WOOD)

- ▶ 25% (by cost) of products have to meet one of the options: take-back program, bio-based, salvaged, recycled content, or "legal wood."
- ▶ No more than 30% can be from structure & enclosure

**IN THE FUTURE:** Watch out for potential changes to the legal wood pilot credit that could make it more restrictive.



#### NOT ACHIEVABLE FOR MOST PROJECTS

- ▶ 25% (by cost) of products have to show:
  - Hazard avoidance
  - OR
  - Supply chain optimization

▶ No more than 30% can be from structure & enclosure, which is challenging even with new flexibility on that requirement from USGBC



**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.