

Name: _____

Life Cycle Assessment (LCA):

Goal: Learn to find and compare EPD (Environmental Product Declarations) and consider the LCA of interior material selections.

Assignment – Part A:

- 1) Choose any *three categories* of materials from the following charts that are needed for your final project.
- 2) Select *two product options* in each of those categories.
- 3) Compare the EPDs for the two options to inform your selection for your final project using google or www.transparencycatalog.com to find the EPDs.
- 4) Record your findings in the following chart(s), including brief notes about the search, what you found, and which product is selected for your project.
- 5) Attach the EPDs for all the products entered on the chart, including those not selected.

Compare two preferred products			
Categories	Option 1	Option 2	Selection Notes:
Flooring - Carpet	Name:	Name:	
	Thumbnail image:	Thumbnail image:	
	Declared/functional unit:	Declared/functional unit:	
	GWP:	GWP:	
	Boundary:	Boundary:	
	Valid thru:	Valid thru:	
Paint	Name:	Name:	
	Thumbnail image:	Thumbnail image:	
	Declared/functional unit:	Declared/functional unit:	
	GWP:	GWP:	
	Boundary:	Boundary:	
	Valid thru:	Valid thru:	
Countertops	Name:	Name:	
	Thumbnail image:	Thumbnail image:	
	Declared/functional unit:	Declared/functional unit:	
	GWP:	GWP:	
	Boundary:	Boundary:	
	Valid thru:	Valid thru:	

Laminates	Name:	Name:	
	Thumbnail image:	Thumbnail image:	
	Declared/functional unit:	Declared/functional unit:	
	GWP:	GWP:	
	Boundary:	Boundary:	
	Valid thru:	Valid thru:	
Ceiling Panels	Name:	Name:	
	Thumbnail image:	Thumbnail image:	
	Declared/functional unit:	Declared/functional unit:	
	GWP:	GWP:	
	Boundary:	Boundary:	
	Valid thru:	Valid thru:	
Gypsum Board	Name:	Name:	
	Thumbnail image:	Thumbnail image:	
	Declared/functional unit:	Declared/functional unit:	
	GWP:	GWP:	
	Boundary:	Boundary:	
	Valid thru:	Valid thru:	
Other	Name:	Name:	
	Thumbnail image:	Thumbnail image:	
	Declared/functional unit:	Declared/functional unit:	
	GWP:	GWP:	
	Boundary:	Boundary:	
	Valid thru:	Valid thru:	

Assignment – Part B:

With your new knowledge of LCA in interiors, take a tour of two emerging tools (EC3 and Tally). In at least 3 to 5 sentences (each) describe what you liked (i.e. what was helpful about the tool) and what improvements you would suggest to the developers.

- 1) EC3 (<https://buildingtransparency.org/auth/login>):
- 2) Tally (<https://www.choosetally.com>):