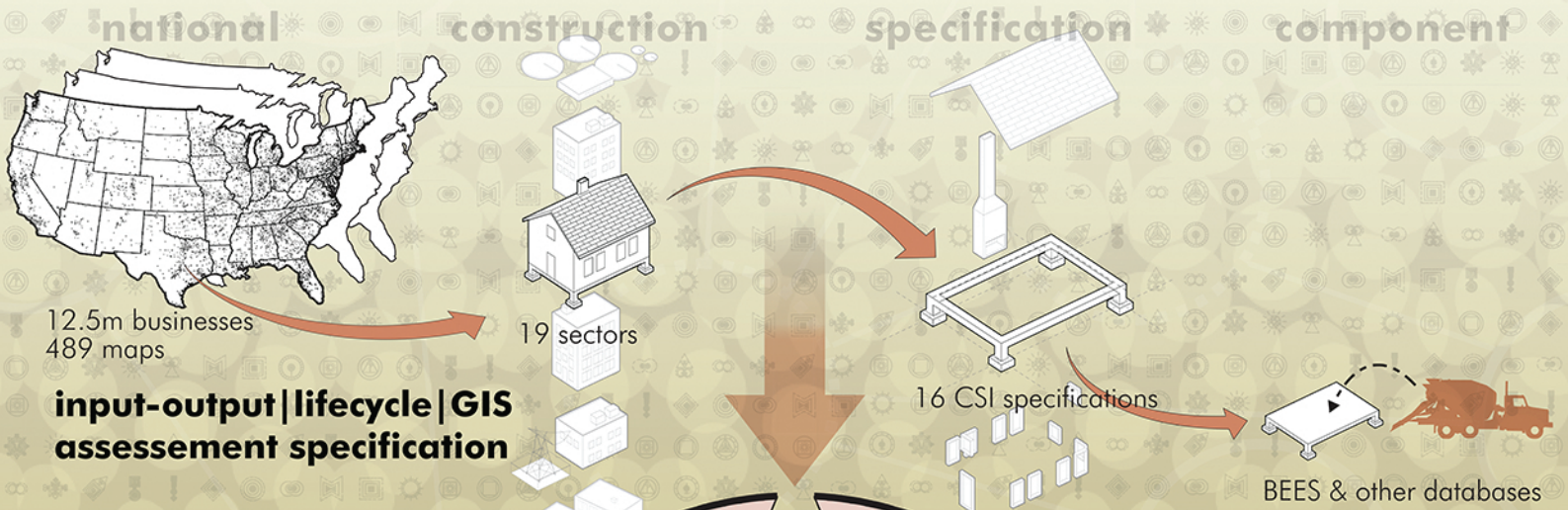
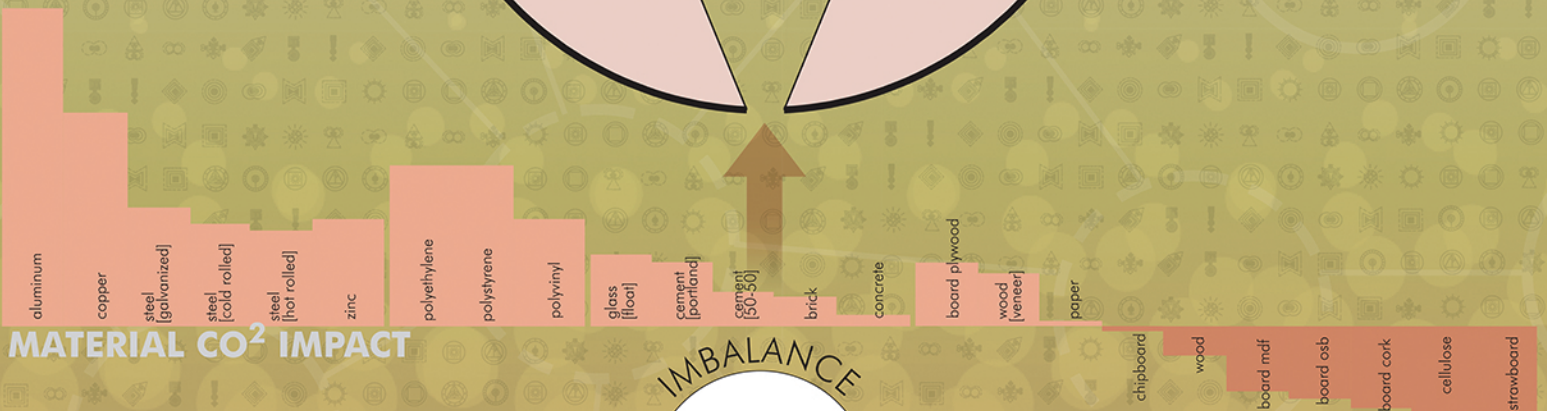
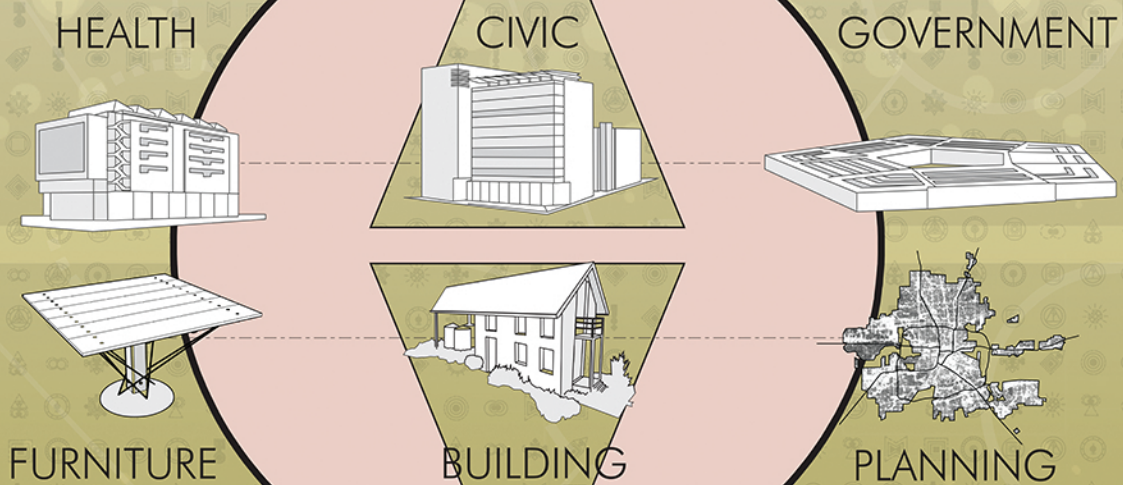


**BASELINE  
green**

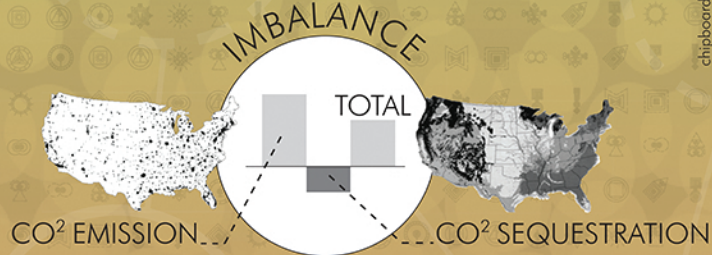


**BASELINE  
green**

**GREEN  
balance**



**carbon balance**



**MAGNESIUM OXIDE  
SOURCE**

industrial brine  
ground brine  
sea water brine

**PROCESS**

extraction  
firing  
grinding

phosphate  
MgO cement  
aggregate  
non-potable water

by-products

**RE-SOURCE**



- 5 MgO brine
- 2 MgO extraction
- 5 MgO firing
- 8 cement grinding
- 3 fly ash
- 6 phosphate
- 2 mineral byproducts

**industrial ecology planning**

