Relation Sustainable Mg.
Spreads sustainability awareness by designing sustainable products. Environmental impacts are deciding factors for manufacturing processes and supplier selection.

State of Knowledge
Engineering was originally a hands on discipline, but there has been a transition to a lecture based curriculum. This transition has inspired the creation of Cool:SLiCE. The project takes a constructionist approach to provide scaffolding to effectively teach sustainable life cycle engineering.

Approach
Cool:SLiCE takes a constructorist approach and uses an experimental learning model to create an interactive learning environment. Scaffolding is used within the S-PASS and Manufacturing analysis tool to allow users to learn through their own discoveries.

Conclusions
The data comparison tool is the first step to integrating the other tools into the online CAD tool. Comparing product architectures will allow the user to compare the associated results from the S-PASS tool and Manufacturing analysis tool.

Results
Developed a data comparison tool within the online CAD platform that can compare product architectures.

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