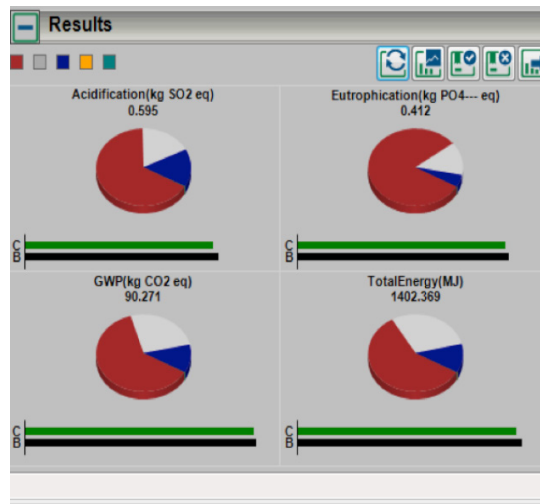


ASSESS ENVIRONMENTAL  
IMPACTS IN THE EARLY  
PRODUCT DESIGN  
PHASE TO OPTIMIZE  
PRODUCTS FOR COST AND  
SUSTAINABILITY

Sustainable Product Design focuses on lean engineering which reduces waste, cost, and risk from your product's lifecycle. EcoDesigner software allows you to perform a screening or lite Life Cycle Analysis (LCA) earlier in the product design cycle to evaluate Part & Assembly designs quickly and efficiently. This allows product designers to see the effects of their material decisions, manufacturing processes, and sourcing choices from an environmental perspective.



### QUANTIFY IMPACTS & TRACK PROGRESS

- Evaluate environmental impacts during design
- Incorporate design principles to reduce impact during manufacturing, transportation, use and disposal of products
- Optimize products for cost and sustainability
- Collaborate with internal and external sustainability experts

### ANALYSIS

Globally, various regulations are forcing manufacturers to understand and improve the environmental footprint of their products. Emerging Product Stewardship initiatives will also shift responsibility to manufacturers for environmentally safe disposal of their products.

### LIFE CYCLE ASSESMENT

LCA is the science of environmental assessment defined by ISO 14040:2006 and ISO 14044:2006. It specifies rigorous and standardized steps and protocol for an environmental impact assessment over the entire lifecycle of the product. Performing a full LCA can require significant expertise and effort. EcoDesigner facilitates this process on the following CAD systems:

- Solid Edge
- Autodesk Inventor

### ADDITIONAL SOFTWARE:

- COMPASS
- EcoImpact
- EcoScore
- EcoLabel
- redipoint

## SERVICES

### ECODESIGNER TRAINING & SUPPORT

- On-site training workshops
- Benchmarking services
- Turn-key assesments
- Web-based training