

electronics - webtool and support package

a webtool to enable designers, assemblers or producers of computer like devices to assess and communicate the environmental benefits of reliable, long-lasting products

The LCA to go webtool enables the selection of environmentally optimal product specifications. By entering the technical specifications of a device's main components, users are able to perform an environmental performance assessment of a computer like device*. The LCA to go tool evaluates the options of replacing, repairing or reusing electronics compared to buying a new product. Such a comparison benchmarks the reuse concept with a conventional product.

The results of the LCA to go webtool could be used to:

- identify subassemblies with the highest environmental impacts at production

- decide the best strategy to enhance longevity, reparability or reusability for the maximum benefit of the user and the environment
- develop environmentally efficient electronic product specifications to suit customer needs
- improve the design and production of computer like electronic devices

**Computer like devices are products that mainly consist of electronic components but do not consume additional materials during use. Examples include but are not limited to desktops, laptops, servers, industrial and medical computers, LCD monitors and consumer electronics.*

available support package

- A free webtool that is quickly accessible without the need to install software.
- A quick and easy life cycle based environmental assessment using easily accessible information.
- The LCA to go webtool assesses the financial costs of operating a computer like device over its projected life span along with calculating a product carbon footprint.
- Free mentoring by LCA and electronic experts through workshops, site visits, online tutorials and online support.

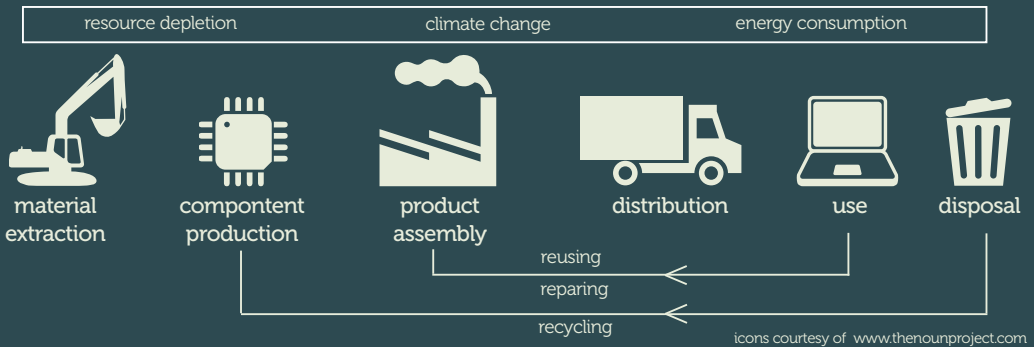


what is life cycle thinking?

All products have life cycles with interlinked stages that include supply chains, production, distribution, use and disposal. Every product has positive and negative environmental impacts along its life cycle. These environmental impacts are influenced by decisions made within each company involved in the product's lifecycle.

LCA to go uses Life Cycle Based Assessments to quantify these environmental interactions and relate them back to a company's decisions. The results from Life Cycle Based Assessments can be used to identify environmental and commercial performance improvements. These improvements can be in the form of reduced environmental pollutants, reduced energy consumption, improved product quality or increased use of environmentally responsible resources.

the life cycle of computer like devices



LCA to go is a Seventh Framework Programme led by the Fraunhofer Institute. It aims to boost Life Cycle based Assessment within Small and Medium Sized Enterprises by developing a Life Cycle Based Assessment webtool for seven sectors: bio-based plastics, industrial machinery, electronics, photovoltaics, printed circuit boards, sensors and smart textiles.

To sign up to the LCA to go webtool or support package please visit **www.LCA2go.eu**

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