Electronics
Case study Gaiker

GAIKER-IK4 is a private and non-profit organisation dedicated to research and offering innovative technological solutions for corporations. It contributes to the technological development and competitiveness of businesses transferring technologies related to Biotechnology, Environment, Recycling and Plastics/Composites.

Gaiker's main business is the implementation of R&D projects, including provision of advanced technological services (such as technological consultancy and advisory, as well as, innovation plans), lab testing and technological dissemination services.

Supported by Gaia, the Association of Electronic and Information Technologies of the Basque Country, Gaiker benefitted from a training provided by Fraunhofer technicians on how to use the LCA to go tool and how to apply life cycle thinking to their businesses model and how to improve the environmental performance of products and processes.

In particular, during the training, Gaiker carried out a LCA for a commercial tablet 7.1 in order to assess and set an eco-design strategy for the manufacturer.

The organisation highlighted the simplicity of the tool in view of the required data to be entered is easily available to users. Therefore, they considered it easy to make a preliminary analysis of products, although for a more comprehensive assessment another LCA tools (Gabi and Simapro) will continue to be used. In either case, having simplified tools to combine with complex and commercial tools is perceived as interesting.

In addition, since Gaiker works for several industry sectors, not only the electronics tool will be used but also other tools for sectors such as machine tools and bio-plastics.