

Education

The courses at the Institute for Engineering Design have emphasis on product development, innovation and Ecodesign. Additionally regularly practical activities are made with industry partners.

Postgraduate University Course

www.ecodesign.at/ulg

The postgraduate university course for „Sustainable Product Design/ ECODESIGN is held at the Vienna University of Technology (VUT) and is funded by the European Social Fund and the BM:BWK. The elearning course is based on the blended learning method containing three presence lessons at the Vienna University of Technology and seven online lessons where participants work on six Ecodesign tasks with professional support. This postgraduate course takes one semester and completes with a VUT certificate.

Contact person:

Mag. Jutta Jerlich

0676-413 91 69 oder jerlich@ecodesign.at

Project Partner



Contact

Vienna University of Technology
Institute for Engineering Design and Logistics Engineering
Research Area ECODESIGN (E307/2)
Getreidemarkt 9
1060 Vienna

Ao.Univ.Prof. Dr. Wolfgang Wimmer

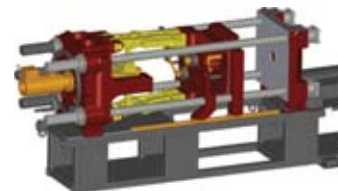
Telephon +43-1 - 58801-307 44

Fax +43-1-58801-307 99

Email wimmer@ecodesign.at

Internet www.ecodesign.at/team

We research and transfer new approaches in Sustainable Product Development ECODESIGN



Vienna University of Technology
Institute for Engineering Design
and Logistics Engineering



Our emphasis

Since 1996 we have been working in the field of sustainable product development/Ecodesign in a national and international context. The main focus of our work lies in the development of Ecodesign tools and their implementation in cooperation with companies. Additionally, we provide education and training for sustainable product development.

ECODESIGN Platform - www.ecodesign.at

The ECODESIGN information platform provides information about Ecodesign, methods for implementation, software-tools, legislation, literature and much more. The principle idea was to collect interesting information and links about Ecodesign and make it accessible to a broad audience. Additionally, the information platform provides an ECODESIGN Weblog, where we regularly inform you about news in the field of sustainable product development.

ECODESIGN Research and Development

We develop sustainable product concepts and help you realising new product ideas. In various national and international projects methods and studies have been accomplished which are implemented in companies and lead to innovative sustainable products.

The long standing project experience enables us to participate in various national and international funding programs depending on the project type. We are pleased to deal with your Ecodesign questions as a professional project partner. In addition to our team we have a pool of motivated students interested in performing their diploma or PhD thesis in cooperation with companies or other research institutes.

List of selected research projects

- Green Line; the sustainable rail vehicle of the future; on behalf of Siemens Transportation Systems, Vienna
- PSS Landmarks; Best Practice Examples for Product Service Systems; Research program "Factory of the future" funded by BM:VIT and FFG
- Supporting the product development process for office chairs at Steelcase, Strasbourg

Contact person:

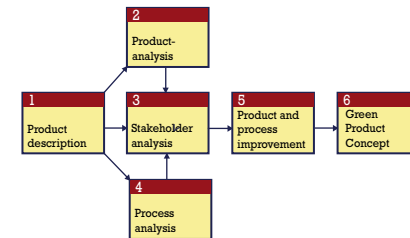
Dipl.-Ing. Rainer Pamminger

+43-1-58801-30753 or pamminger@ecodesign.at

ECODESIGN Toolbox for Green Product Concepts

www.ecodesign.at/toolbox

The ECODESIGN Toolbox is a method in six steps for developing innovative sustainable product concepts. It combines the analysis of the environmental impact over the whole life cycle, the relevant stakeholder requirements and the analysis of the production processes.



The results of the analysing steps present the input for the product- and process improvement steps and lead to innovative product concepts. The ECODESIGN Toolbox has been developed together with research and industry partners within the research program "Factory of Tomorrow", a cooperation of the BM:VIT and FFG.

Contact person:

Dipl.-Ing. Maria Huber

+43-1-58801-30751 or huber@ecodesign.at

ECODESIGN PILOT

www.ecodesign.at/pilot

The Product Investigation, Learning and Optimization Tool for sustainable product development is available on CD-ROM and online in six languages. The ECODESIGN PILOT is adaptable to specific company requirements. References: Fischer Ski, Steelcase und Siemens Transportation Systems.



Branche solution WEEE & RoHS PILOT (www.ecodesign.at/pilot/eeg): A tool for the fulfilment of the EU directives Waste of Electrical and Electronic Equipment (WEEE) and Restriction of certain Hazardous Substances (RoHS).

Contact person:

Dipl.-Ing. Hessam Ostad

+43-1-58801-30752 or ostad@ecodesign.at