

Workshop Facilitator

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Dr. Damjan Krajnc combines research and applied experience in ecodesign, life cycle thinking, carbon footprinting and sustainable product and process development, with a strong focus on practical implementation.



The workshop is based on the ECOThink “Design for Sustainability” handbook



About ECOThink

ECOThink is an innovative project that integrates design for sustainability and life cycle assessment (LCA) into vocational education and training (VET). Our mission is to equip future professionals with practical skills to calculate and interpret environmental footprints, focusing on sustainable practices in companies.

Our Focus Topics:



Design for Sustainability

Learn to use environmentally friendly materials, optimize processes, and extend product life



Life Cycle Analysis

Master tools like OpenLCA and Sustainable Process Index (SPI) for environmental impact assessment



Practical Skills

Develop hands-on expertise in managing input data and interpreting LCA results

Project Partners

ACEEU, Germany
Levilo, Austria
MIITR, Slovenia

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ECOThink



Workshop

Ecodesign in Practice

Practical tools for designing sustainable products and processes

www.ecothink-hub.eu





Learning Outcomes

Understand the principles of ecodesign and life cycle thinking.

Recognise key environmental, social and economic aspects across the product life cycle.

Select suitable tools for analysis, including the MECO matrix, eco-indicators and Life Cycle Assessment.

Identify improvement opportunities for materials, production, use and end-of-life stages.

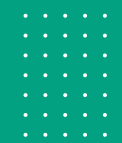
Translate findings into practical product development actions and sustainability briefs.

Target Group

- VET learners and trainers.
- SME managers and product teams.
- Designers, engineers and innovation staff.
- Environmental, quality and sustainability professionals.
- Young entrepreneurs developing greener products or services.
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Topics and Tools

- Design for sustainability and product life cycle thinking.
- Project planning, goal setting and product selection.
- MECO matrix, eco-indicators and Life Cycle Assessment (LCA).
- Life cycle cost thinking and the ecodesign strategy wheel.
- Idea generation, concept development and evaluation of improvements.



Workshop Overview

This training introduces a structured, practice-oriented approach to ecodesign for products and processes. Based on the ECOThink Design for Sustainability handbook, it shows how environmental thinking can be integrated into product development from the earliest stage. Participants will learn how life cycle thinking supports better decisions, lower environmental impacts, stronger product quality and greater business value. The session combines clear explanations with practical methods relevant for vocational education, small and medium-sized enterprises, and professionals who need usable tools. It helps participants identify priority impacts, define improvement goals, choose suitable strategies and turn sustainability into concrete design action.

Join us!