

Module 8. Environmental management and waste prevention

Course 2: Application of LCA for waste prevention, 3ECTS

aim of the course

use the modern software tools applicable for the life cycle assessment of projects for waste prevention and treatment

competences

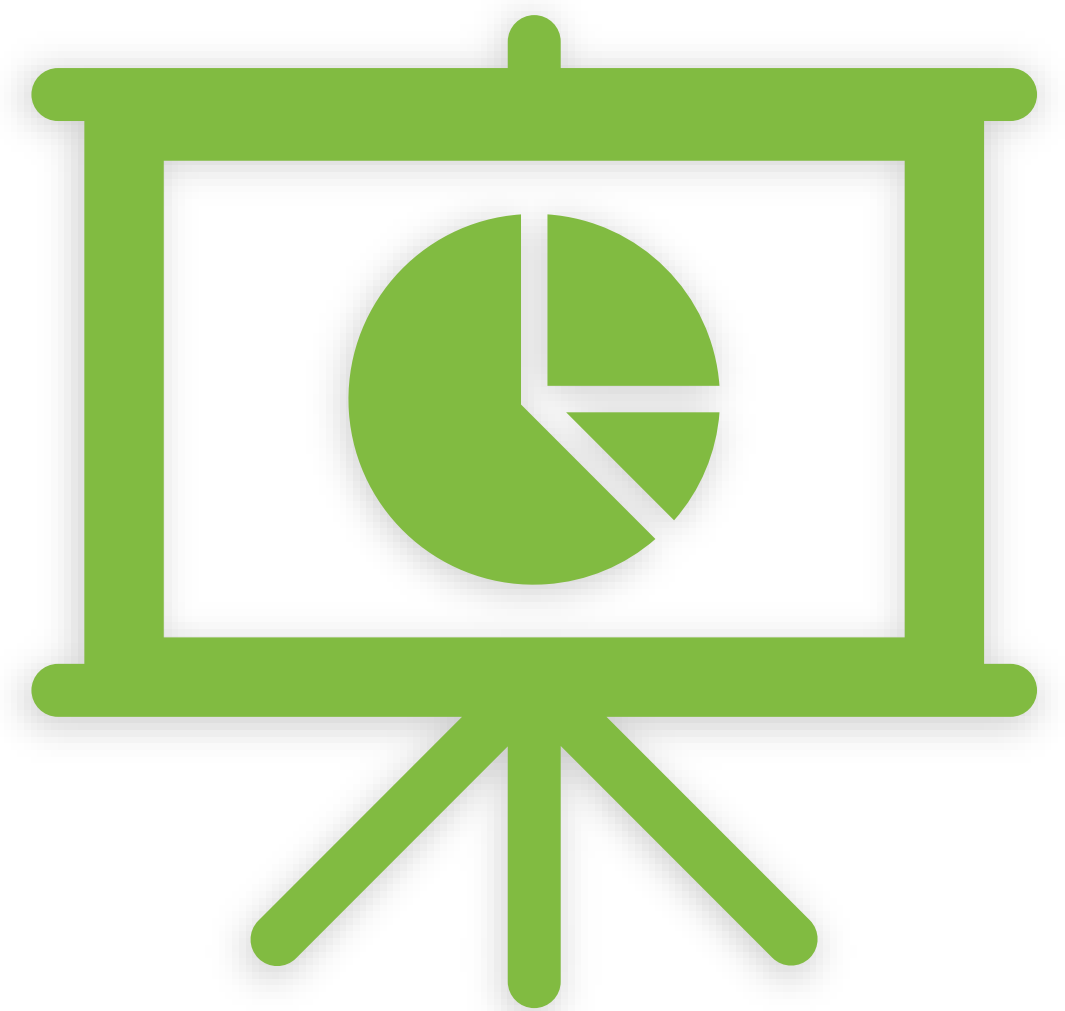
obtained by students

can apply relevant software for LCA calculations, use LCA software for eco-design of products from secondary raw material and can prepare the EPD of products from secondary raw material

learning outcomes

after this course students will be able to

- demonstrate their ability to differentiate software for LCA applications
- use LCA software for the purposes of eco-design of secondary products and processes of waste treatment
- choose the best options for by-products made from production waste
- use LCA software for the purposes of eco-labeling and EPD of new products made from secondary raw material



course content

- goals and tasks of LCA and possibilities of LCA software
- application of LCA for green marketing
- application of SimaPro in waste management
- application of LCA for eco-design of products and processes