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# LIFE-C

## Promoting life cycle thinking in higher education

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**Life-C project** aims to prepare students and professionals across all activity sectors to become true agents of change, by providing them with knowledge and tools to address their future choices and decisions minimizing environmental impacts.

The aim of the project is to develop and implement a modular LCA, LCC/S-LCA course for students to introduce, train and master your skills on environmental and social impact assessment for future challenges of modern industry and society.

After completing the **Module 1: "Introduction to the life cycle thinking and assessment"** the students are provided with:

- ✓ a basic understanding of the LCT and LCA;
- ✓ skills to apply a general LCA approach to different scenarios;
- ✓ knowledge to analyse the results of the LCA in terms of the environmental impacts of products and services;
- ✓ understanding the usefulness of LCA
- ✓ ability to critically evaluate the results of LCA; develop recommendations for improving the sustainability of products and services.

After completing **Module 2: "Application of life cycle assessment"** students will be able to:

- ✓ understand the usefulness of LCA in real cases;
- ✓ apply the LCA to products and services;
- ✓ analyse the full results of the LCA;
- ✓ critically evaluate the results of LCA, develop recommendations for improving the sustainability of products and services, and identify opportunities for reducing an environmental load of analysed processes;
- ✓ create LCA of products and services.
- ✓ create their own LCA model to solve a industry or reaserch driven problem – *the challenge*.

After completing **Module 3: "Social life cycle assessment and costing"** students will be provided with:

- ✓ a basic understanding of the of S-LCA and LCC. Develop an understanding of how S-LCA and LCC can be used in private/public context;
- ✓ skills to apply S-LCA and LCC to different real-world scenarios of products and services life cycles;
- ✓ students will be able to analyse the results of S-LCA and LCC of products and services;
- ✓ critically evaluate the results of S-LCA and LCC; develop recommendations for improving the sustainability of products and services.

PROJECT START DATE  
01/09/2022

PROJECT END DATE  
31/08/2025



LIFE-C official  
website [life-c.eu](http://life-c.eu)



### Coordinator

Poland



Silesian  
University  
of Technology

Silesian University  
of Technology (SUT)

Would you like to **learn the basics** or **how to apply LCA** in your PhD or professional work?

Are you interested in learning about Product or Organization Environmental Footprint (**PEF**, **OEF**) or Environmental Products Declaration (**EPD**)?

Have you heard about **Social LCA**?

Or maybe you'd like to join the project as an **Associated Partner**?

In any case, please contact us through [www.life-c.eu](http://www.life-c.eu), or directly through the Coordinator [szymon.sobek@polsl.pl](mailto:szymon.sobek@polsl.pl)!

The main expected deliverables of the project are: official **e-learning platform** with complete set of teaching and training materials, course **Handbook** for teachers and lecturers to implement courses in their classess, including: teaching action plan, **pedagogical guidelines**, **LIFE-C coaching methodology**, and much more!

### Project Consortium

Italy



Finland



Greece



Niccolò Cusano  
University



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