

Life Cycle Assessment Made Easy with SimaPro

Two day training course



Valued Quality. Delivered.



SimaPro is the world's leading Life Cycle Assessment (LCA) software, allowing users to quickly compile and assess the environmental impact of products and services from cradle to grave.

In this two day training course you'll learn how to put LCA into practice.

The course includes a range of hands on tutorial sessions and activities exploring both LCA theory and its application within SimaPro. The course is designed for a range of abilities and aims to give attendees the practical tools necessary to conduct an LCA from data collection to impact assessment.



First released in 1990, SimaPro is a proven, reliable and flexible tool used by major industries, consultancies and universities. With over a thousand users in 80 countries, SimaPro continues to be the most successful LCA software worldwide.



Day 1: An Introduction to Life Cycle Assessment (Including SimaPro taster)

Day 1 provides beginners and novices with a theoretical and practical grounding in life cycle assessment as well as an introduction to SimaPro. The day begins with a presentation and workshop on the application of LCA theory detailing aspects such as:

- **Life cycle assessment standards and requirements**
- **Selecting the correct functional unit and system boundaries**
- **Building a life cycle inventory detailing the life cycle of a product or service**
- **Conducting an impact assessment on that inventory**

During the workshop attendees work together to build a life cycle inventory and conduct an impact assessment by hand, putting that theory into practice. The afternoon is dedicated to introducing SimaPro, defining its basic structure and benefits and providing a hands on taster of its attributes with the development and assessment of a simple tutorial example.

Training Location: Euston House, London

The training takes place at Euston House, 24 Eversholt Street, London NW1 1AD. Euston House offers a state-of-the-art, purpose-built, flexible venue with a fully air conditioned computer training room close to Euston Station. All equipment and refreshments are included as well as lunch in the on site restaurant.

Day 2: Life cycle modelling and assessment with SimaPro

Day 2 is dedicated entirely to utilising SimaPro to develop and assess life cycles from cradle to grave. The day is appropriate for those who have a good knowledge of LCA theory and a basic knowledge of SimaPro's structure. The day is tutorial based and covers the following areas.

- **Creating an Inventory using SimaPro:** Attendees will model a production process and a final product assembly using existing datasets within SimaPro.
- **Modelling cradle to grave and utilising parameters:** attendees will learn how to create waste scenarios and treatments to model the disposal of their product. They will also model parameters so that primary input data can be added and adapted in a single cell.
- **Quick and easy impact assessment:** Attendees will conduct a number of impact assessments on the model generating a carbon footprint and a range of other environmental factors. They will then learn how to analyse the life cycle and find the root cause of environmental impacts.
- **Sensitivity, uncertainty and analysis groups:** Attendees will learn how to conduct sensitivity and uncertainty analysis on their models allowing them to understand the accuracy of the results they have generated.

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