



# **LCA Advance Level Training Brochure**

**By SIPL PVT LTD**

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**SIPL Pvt. Ltd**

(Formerly Simapro Software Development India Pvt Ltd)

Office No. B -710, Plot No. A- 40, Ithum, Sector-62, Noida, UP-201301, India  
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**SimaPro**  
Global Partner

## Online Training: Master class on Life Cycle Assessment (LCA) Advance level with **SIPL Pvt Ltd**

### **Key Focus Areas:**

Gained practical expertise in conducting Life Cycle Assessment (LCA) in accordance with ISO 14040/44 and ISO 14025 standards.

### **Who Are We:**

SIPL Pvt Ltd, a proud member of the SimaPro Global Partner Network, brings over 15 years of expertise in Life Cycle Assessment (LCA) and Environmental Product Declaration (EPD) training. Our Technical Head, Mr. Sunil Kumar, is a recognized and approved verifier with EPD International, ensuring the highest standards of technical guidance and credibility.

**Course Fee:** Mail Us [support@siplsustainability.onmicrosoft.com](mailto:support@siplsustainability.onmicrosoft.com)

**Duration:** 10-6 pm (Day-1 training)

### **Includes:**

Comprehensive study materials, SimaPro software license for 2 weeks, and a follow-up doubt-clearing session one week after the training.

**For inquiries:** [support@siplsustainability.onmicrosoft.com](mailto:support@siplsustainability.onmicrosoft.com)

**Website:** [www.sipl-sustainability.com](http://www.sipl-sustainability.com)

**Contact Number:** +91 9911921666

## Course Overview

### **Goal:**

To equip participants with a advance understanding of Life Cycle Assessment (LCA) methodology and its practical application using SimaPro, enabling them to model waste scenarios, assess, and interpret the environmental impacts of products or systems throughout their life cycle. This course has been designed in such a way that the participant will be able to learn through a specially designed exercise on SimaPro. The participant will also be able to compare among various alternatives and design environmentally the most efficient waste to energy system.

### **LCA Advance Level Training Aims:**

- Evaluate waste treatment and disposal options to identify the most sustainable waste solutions.
- Specialize in various waste management topics such as “Waste Treatment,” “Waste to Energy,” “End of Life,” “Uncertainty,” and “Recycling and Reuse.”
- The “Waste to Energy” & “Recycling and Reuse” training will concentrate on the recycling of plastics and other recyclable materials.
- Our training programs are conducted online and provide hands-on exercises that participants can practice using SimaPro, a software widely used in waste management analysis.

### **Training Module:**

- Basic Introduction to Life Cycle Assessment
- Uncertainty and waste management theory
- Concepts of various types of waste
- Understanding Incineration, Anaerobic Digestion, Composting etc
- Understanding Waste Disposal, waste scenario, waste treatment, reuse, recycle and landfill
- Data requirement and data collection
- Data gaps and Data editing
- Modelling on SimaPro
- Exercise on Waste to Energy System/ BioPET Waste modelling/ Waste to rPET granules ((One exercise will be done during training by everyone and other will be a homework exercise)
- Q&A



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- ❖ **We also offer customized training tailored to your specific scope of work at the client's office**
- ❖ **Basic and advanced training can be combined as a package.**

### **Who Should Attend?**

- Sustainability professionals
- Environmental consultants
- Product developers
- Construction industry professionals
- Anyone looking to gain expertise in LCA execution

### **Prerequisites:**

This is an Advance level training course. It is important that participants have a working knowledge of SimaPro in order to fully benefit from these training sessions.

### **After the Training:**

You will have the skills and confidence to conduct your own LCA study independently.

E- certificate will be provided to all the participants.

**Sustainability**