Introduction to Life cycle Assessment and Environmental Product declaration

31 October 2018, Riga, Latvia

One-day training with Practical Workshop

Training objectives

- Developing an understanding what EPDs are all about
- Understanding the basics of the LCA methodology and the purpose of EPDs
- Getting knowledge in the main Standards and guidelines
- Learning the specific EPD programme holder rules
- Creating a first example EPD

Target Audience

Employees working within the field of fuels and chemical products | construction products | glass & plastic products | infrastructure & buildings | metal products | furniture & other wooden goods.
Employees in sustainability or environmental management roles.
Employees in marketing or research and development departments.

Background

Particular one-day workshop will provides an overview of the life cycle assessment (LCA) methodology and Environmental Product Declarations (EPD). LCA is a technique to assess potential environmental impacts associated with all the stages of a product's life from raw material extraction to disposal or recycling.

In recent years more and more companies from a wide range of different industries decide to publish EPDs for their products in order to communicate environmental performance and demonstrate corporate responsibility. It can be anticipated that the trend for developing LCAs and creating EPDs will continue to grow in the near future. Hence, it is of great importance for companies to understand what LCA and EPDs are all about and build the necessary knowledge and capabilities.

Training description

Particular training provide an introduction into the LCA methodology and EPD development. Participants will learn what the purpose of LCA is and what EPDs can be used for. The training will cover the relevant requirements set out in Standards, guidelines and programme holder rules and provide information on what it takes to create your own EPDs. Illustrative examples and case studies will be presented during training. Relevant software solutions will be introduced, and participants will get the chance to create their first own 'sample EPD'. There will also be time for questions and comments.

Introduction to Life cycle Assessment and Environmental Product declaration

31 October 2018, Riga, Latvia

One-day training with Practical Workshop

AGENDA

Wednesday, 31 October 2018, 09.00 h – 17.00 h
(Registration 8.30 h – 09.00 h)

- **Introductions and Overview of the workshop**
- **Introduction to Life Cycle Assessment (LCA)** – main methodological requirements
- **Introduction to Environmental Product Declarations (EPD)**
- Relevant Standards
- Programme holder rules
- Process of EPD development incl. verification
- **Practical examples and case studies** from the plastics and construction sealings sector with a focus on calculation rules also using relevant LCA software and databases
- **Group exercises**
- Open questions and comments

SPEAKER

Matthias Schulz, Germany

Matthias Schulz is a sustainability consultant at Schulz Sustainability Consulting with over 10 years of international experience in Life Cycle Assessments (LCA), Carbon and Water Footprints and Environmental Product Declarations (EPD). He is an approved verifier under the International EPD Programme as well as the German EPD Scheme IBU (Institut für Bauen und Umwelt e.V.). Matthias possesses in-depth expertise regarding the development of methods and tools for the sustainability assessment of products and services.

For the past 8 years, Matthias has lectured at local and international universities on topics centred on (product) sustainability. He has also delivered various trainings and workshops on similar topics to business representatives from a wide variety of industries.
In addition, Matthias is a business development manager for Björnsen Consulting Engineers (Germany) and is involved in several research projects in the areas of material flow analysis for waste management processes.

Introduction to Life cycle Assessment and Environmental Product declaration

31 October 2018, Riga, Latvia

One-day training with Practical Workshop

REGISTRATION FORM

DATE
Wednesday, 31 October 2018

VENUE
Monika Centrum Hotel, 21 Elizabetes Street, Riga, Latvia

TRAINING LANGUAGE
English

FEE (per delegate)
€ 520 *
* EU financial support is available
The training fee is payable in advance after receipt of invoice and includes training documentation, coffee, lunch.

Information about participant:

First name: _____

Last name: _____

Job Position: _____

Phone Number: _____

e-mail: _____

Company name: _____

Reg. number/ VAT number: _____

Company Address: _____

Billing address (if different): _____

Filled form please address to info@wolframacademy.lv