

INTERNATIONAL STAKEHOLDER CONFERENCE 2024

EPD of Tomorrow: Digitalisation, credibility, scalability

📅 24 October 2024

📍 Gothenburg, Sweden & Online

For this year's International Stakeholder Conference (ISC), we warmly welcome all our stakeholders to **Gothenburg on the 24th of October** for an opportunity to collectively construct the Environment Product Declaration (EPD) of tomorrow. It will be a space for participants to be inspired, learn and network with colleagues from around the world and across industries.

The ISC 2024 is held in conjunction with the SETAC Europe 26th LCA Symposium 21 - 23 of October in Gothenburg. As one of the main sponsors of SETAC LCA Symposium, EPD International is organising ISC2024 to maximise the experience of visiting LCA experts and enthusiasts by providing the platform for further dialogue engagement and capacity building of the LCA community.

Practical Information

In hybrid format

Delegates can partake in the tailored programme and engage in discussions in person at Hotel Riverton in Gothenburg, Sweden, or tune in and participate online through Vimeo.

Made possible by the following sponsors

ISC2024 is made possible by the support from the following stakeholders that have dedicated their work in the fields of life cycle assessment, digitalisation, and sustainability.

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Pre-Conference Networking & Activities

23-10-2024 Arrival in Gothenburg *Onsite*

- 19:00 – 21:00 EPD International dinner
Invitation only
- 21:00 – 00:00 Meet up with the EPD International members
View Skybar & Restaurant, Hotel Riverton

Conference Programme

24-10-2024 ISC2024 EPD of Tomorrow: Digitalisation, credibility, scalability

- 08:30 - 09:00 Onsite delegate registration
- 08:50 - 09:00 Online registration via Vimeo

- 09:00 - 09:15 Opening and welcome
Catarina Rolfsdotter, Moderator

Keynote 1 Digitalisation of EPDs: Opportunities and Challenges *Hybrid*

- 09:15 - 10:05 **AI in action: insights from Sigma Software**
Evgeniy Bachinskiy, Head of Management Consultancy, *Sigma Software*
- Role of EPD International in Digitalisation**
Sofia Kubalski, Digitalisation Manager, *EPD International AB*

Keynote 2 Possibilities of EPDs in Planning and Decision-Making *Hybrid*

- 10:05 - 10:40 **Possibilities of EPD data in planning and decision-making**
Stacy Smedley, Executive Director, *Building Transparency*

10:40- 11:00 Coffee Break

Keynote 3 Credibility of EPDs Across Regulatory and Non-Regulatory Frameworks *Hybrid*

- 11:00 - 12:05 **Digitalisation of LCA and EPD: The Styyka case**
Alexander Boeth, Senior Consultant, *Ramboll*
Krister Jens, Head of Circular, *Stykkä ApS*
- General Programme Instructions 5.0**
Gustav Sandin, LCA & PCR Manager, *EPD International AB*

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|------------------|---|--|
| Creative Panel 1 | Harmonisation, challenges and opportunities of EPD from system leaders | |
| 12:05 - 12:35 | <p>Björn Spak, Advisor, <i>Swedish Environmental Protection Agency</i></p> <p>Christian Donath, Managing Director, <i>ECO Platform AISBL</i></p> <p>Martin Erlandsson, Business Development Manager, <i>IVL</i></p> <p>Archana Datta, Associate Programme Management Officer, <i>Life Cycle Initiative, UNEP</i></p> <p>Mauro Cordella, Policy Officer, <i>DG ENV (Environmental Footprints and Green Claims), European Commission</i></p> | |
| 12:35 - 13:30 | Lunch Break 🍴 | Complimentary lunch will be served at the conference venue |
| Creative Panel 2 | EPD of tomorrow: the envisioned future | Hybrid |
| 13:30 - 14:10 | <p>Oleksandr Balyuk, Program Manager Digital Solutions, <i>Sigma Software</i></p> <p>Stacy Smedley, Executive Director, <i>Building Transparency</i></p> <p>Krister Jens, Head of Circular, <i>Stykka ApS</i></p> <p>Alexander Boeth, Senior Consultant, <i>Ramboll</i></p> | |
| 14:15 - 14:30 | Coffee Break | |
| 14:30 - 16:00 | Coffee Tables | Onsite |
| Room 8 | <p>How digitalisation & AI could support LCA experts and verifiers</p> <p>Bastian Wittstock, Technical Director Decarbonisation, <i>Ramboll</i></p> | |
| Room 9 | <p>How to increase and expand EPD application for systemic change</p> <p>Daniel Olausson, Chief Product Officer, <i>BIMobject</i></p> | |
| Room 10 | <p>How to harmonise EPDs across various regulation systems</p> <p>Christian Donath, Managing Director, <i>ECO Platform AISBL</i></p> | |
| Main Hall | EPD representatives: PCR and compliance questions | |
| Main Hall | EPD representatives: Admin and/or business discussions | |
| 16:00 - 16:30 | Award Ceremony | Onsite |
| 19:00 - 23:00 | Conference Dinner | Onsite |



Lilla Bommens torg 2, 41104 Gothenburg



Dress code: Celebrate sustainability in style with something green — whether it's an accessory, a tie, a dress, or a pair of shoes!

Keynote themes

1. Digitalisation of EPDs: Opportunities and Challenges

One in five tasks in the IT systems can be automated and optimised by using Artificial Intelligence (AI), Machine Learning, or Data Science. Drawing from Sigma Software's experience, we will explore how clients worldwide are leveraging Data Science and AI to enhance product competitiveness with features like video and image recognition, sales forecasting, cost predictions, and more.

In this session, Evgeniy Bachinskiy from Sigma Software will highlight how AI is being applied in real business scenarios, showcasing key use cases based on Sigma Software's recent work. We will also dive into the challenges businesses face with AI implementation, including compliance considerations and the broader impact on operations.

2. Possibilities of EPDs in Planning and Decision-Making

Environmental Product Declarations (EPDs) provide liable and science-based data on the environmental impact of products, which aims to further facilitate planning and decision-making processes. Yet the adoption of EPD has its limitations.

This session will explore strategies to enhance the accessibility and application of EPDs for improved sustainability outcomes. Key topics include: how to simplify the process for broader use outside of the EPD expert community; how to expand the scope of EPD assessments to a systematic level, e.g. from material products to entire buildings for more comprehensive environmental evaluations; and how to promote EPD adoption across industries beyond construction.

3. Credibility of EPDs Across Regulatory and Non-Regulatory Frameworks

The growth of Environmental Product Declarations (EPDs) can be attributed to the combination of voluntary reporting by manufacturers and the active involvement of policymakers. EPDs, originated from manufacturers' initiatives to assess the environmental performance of their products, eventually garnered the attention of policymakers. Designed to credibly substantiate and communicate a product's environmental impact, EPDs have since been incorporated into various regulatory frameworks to enhance market competition and mitigate green washing.

Key discussions will focus on maintaining EPDs as a trusted, scalable tool through innovation, policy, and harmonisation, while exploring pathways for achieving broader global acceptance within both binding and non-binding frameworks. The session will also address the alignment of EPDs with legally binding frameworks, such as the EU Declaration of Performance and Conformity (DoPC), and the importance of global collaboration to ensure a sustainable, trust-based market.

Share your ISC2024 experience

How was your experience with ISC2024? The Secretariat from the EPD International behind ISC2024 would be keen to hear your overall experience, sharing of your favorite moments, and feedback on what could be improved.

ISC2024 Survey



The International EPD system offers credible environmental product declarations (EPDs) that declare the environmental performance of products and services through rigorous life cycle assessment (LCA).

Our services

We at EPD International safeguard the quality and transparency of the environmental data for a product or service.

The science-based life cycle assessment and the rigid third-party verification process ensure the credibility of our Environmental Product Declarations (EPDs).

These EPDs, developed based on the same product category rules (PCRs), provide quantified information for a fair comparison of product and service, and further support sustainable production and consumption.

Why International EPD System?

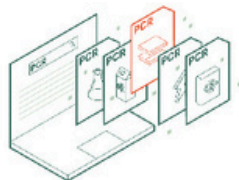
- ✓ It is the world's first and a well-established EPD programme since 1998.
- ✓ It is widely adopted by private and public sectors in many countries. Nearly 2,000 organisations from almost 50 countries hold their published EPDs in our system.
- ✓ It offers the most extensive PCR library, with over 100 PCRs covering a wide variety of products and services.
- ✓ It is supported by a global service network and strategic partnerships to ensure the global standards while meeting local needs.

Keen to contribute your knowledge in LCA?

Join our endeavour as a verifier or contribute to the PCR development to provide transparency and credibility in environmental data of a product or service to facilitate the transition towards sustainable options.



A verifier can support with implementing verification on an EPD and its associated documents.



LCA expert can support with the development of PCRs, on which the EPDs are based.

Register your interest:



 EPD International AB



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to a sustainable future

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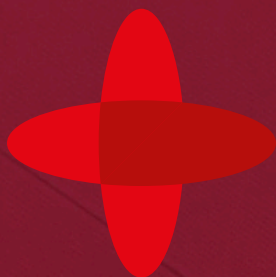
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International Action Initiative of Life Cycle Thinking

Life cycle thinking, sustainable future!

The three initiators invited all partners to launch the International Action Initiative on Life Cycle Thinking

北京·2023.11.08

To address global climate change challenges and implement the Global Development Initiative and the United Nations 2030 Agenda for Sustainable Development, the Life Cycle Thinking International Action Initiative (LCTI) was jointly launched by IVL Swedish Environmental Research Institute, China Association for Standardization and All-China Environment Federation in collaboration with representatives from the government, enterprises, universities, and research institutes in China and Europe. The initiative focuses on industry sectors and plans a series of activities related to life cycle thinking and system/regulations such as Environmental Product Declarations (EPD).

Our Goal

We welcome all parties to get in touch and join us!



Our goal is to integrate the life cycle thinking into the filed of "low-carbon, environmental protection, and sustainability", and create a unique assembly for promoting international cooperation, supporting enterprises sustainable development, greening supply chain and facilitating academic exchange.

Key Responsibility

- **Technical Guidance:** Provide technical support related to LCT to domestic enterprises.
- **Project Organization:** Coordinate the participation of research institutions, enterprises, and associations in LCT-related work.
- **Standard Formulation:** Participate in the formulation and improvement of life cycle-related standards.
- **Decision-supporting:** Offer technical support for policy formulation and industry development.
- **International exchange:** Serve as a hub for the exchange and integration of international and domestic standard systems and platforms.
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- **Working group:** to support sectors.

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