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SGBC Course on EPD Literacy:

Context, Methodology and Insights into Carbon Performance of Building Products

9:00AM to 5:00PM | 20 August 2026 | Instructor-Led In-Person CPD Course



As regulatory requirements, green building schemes, and low-carbon procurement practices continue to expand globally, manufacturers and stakeholders in the construction sector are increasingly required to provide credible, transparent, and independently verified environmental information for building products. Environmental Product Declarations (EPDs), developed in accordance with international standards, have become a key mechanism for communicating product carbon performance and supporting market access.

This course provides participants with a structured understanding of EPDs, placing strong emphasis on standards compliance, verification requirements, and conformity assessment principles. The course explains

Course Details

Date: Thu, 20 August 2026

Time: 9:00 AM - 5:00 PM

Venue: Singapore
Sustainability Academy

Fees (Incl. GST)

SGBC Member: \$425.10

GMA/GMAP/GMAAP:
\$425.10

Non-Member: \$545

CPD Credits

SGBC-GMP: 6

PEB-PDU: 6

SCAL-CPAS: 6

how Life Cycle Assessment (LCA) underpins EPD development and how verified EPDs support regulatory compliance, green building certifications, and procurement decisions.

Participants will gain insight into the regulatory and market drivers behind product carbon disclosure, including global carbon regulations and green building rating systems. The course covers the governance of EPD programs, Product Category Rules (PCRs), and the applicable international standards such as ISO 14025 and EN 15804 for construction products. The training also walks through the EPD development and independent verification process, highlighting common verification findings, data quality expectations, and best practices for achieving compliant and internationally recognized EPDs. Practical insights into LCA modelling, result interpretation, EPD registration, and maintenance are included to support real-world implementation.

By the end of the course, participants will be able to confidently interpret EPDs, understand the requirements for credible verification, and navigate the certification pathway for building products in a manner aligned with international standards and market expectations.

Learning Outcomes: Participants will understand certification-driven EPD development, verification requirements, and compliance pathways.

[For more carbon training, check out our SGBC Carbon Essentials series for built environment professionals here.](#)

SIFMA-CFME: 2

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PROGRAMME

TRAINER INFORMATION



Dr Zhang Danqing is a sustainability professional at TÜV SÜD PSB responsible for business development and operations across the ASEAN region. She holds a doctorate in Materials Science Engineering, with expertise in sustainable manufacturing and product sustainability.

Dr. Zhang Danqing, Ph.D.

Business Development
and Operations,
Sustainability ASEAN,
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She is an authorised GHG verifier and a lead trainer for Life Cycle Assessment (LCA), Product Carbon Footprint (PCF), and product sustainability topics.

[More about the Trainer >](#)

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COURSE PROGRAMME

IMPORTANT NOTE

As the event's details and other pertinent information will be sent directly to the participant via email, please ensure that the email address used for registration is valid and active. If you are registering on behalf of a participant, please use their name and contact details for registration. For multiple participants from the same organisation, please register each participant individually. SGBC reserves the right to amend the Course Programme without prior notice. SGBC reserves the right to allocate registrations to ensure a well-balanced representation of professions at each event for the best learning outcomes. Professional CPD points will only be awarded after verification of in-person attendance. Full payment must be received at least three days before the event.



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