



Unboxing Carbon: Lead the sustainability shift in Asia with carbon literacy for net-zero

OVERVIEW

With cities covering just 3% of the earth's land surface but accounting for over 70% of global CO² emissions, the urgency to achieve net-zero emissions is more pressing than ever. Singapore has committed to achieving net-zero emissions by 2050.

Co-organized with Henning Larsen, this is the first public "Unboxing Carbon" session in Singapore, following successful private sessions with two Singapore government agencies.

The session will begin with a lecture examining industry-leading policies implemented by Denmark and Europe towards achieving net-zero emissions. This will include case studies on three different types of low-carbon projects in Scandinavia. Following the lecture, participants will engage in the interactive Unboxing Carbon workshop, with a focus on dialog and the intuitive understanding of embodied carbon associated with building materials. It will be followed by a panel discussion featuring our trainer from Copenhagen and leaders in the Built Environment sector, delving into decarbonization and embodied carbon, with ample opportunities for Q&A.

TOPICS COVERED

- Real impacts of climate change arising from urban development
- The urgency towards net-zero and industry-leading policies implemented by Denmark and Europe
- Case studies of 3 different types of low-carbon buildings in Scandinavia (Ripple Residence, Marmormolen, Lilletorget 1), each making an impressive stride towards developing sustainably
- An interactive Unboxing Carbon workshop, with a focus on dialog and the intuitive understanding of embodied carbon associated with building materials

LEARNING OUTCOMES

- Gain fresh perspectives and be equipped to lead the shift towards a healthier environment
- Learn intuitive tools for understanding decarbonization from the Unboxing Carbon workshop

IN PARTNERSHIP WITH HENNING LARSEN

Jakob Strømmand-Andersen

Director, Innovation and Sustainability, Partner

DATE

11 September 2024, Wednesday

TIME

2.00pm to 6.00pm

VENUE

Henning Larsen Studio
100 Amoy Street
Singapore 069920

FEES (Subject to GST)

* **\$330** (REDAS Member)

* **\$380** (Non-Member)

TO REGISTER

Please click [HERE](#)

REGISTRATION

Registration will close on [4 September 2024](#)

CONTACT

Please email enquiries to: Flora Ho,
flora@redas.com

- Be inspired by Denmark and Europe's leading green regulations for application to projects in Singapore
- Understand the embodied carbon of building materials to reduce your carbon footprint in the design process
- Enhance your ability to converse intelligently with clients about decarbonization regulations and possibilities

TARGET AUDIENCE

- Real estate developers and property management consultants
 - Architects and designers
 - Urban planners
 - Sustainability consultants for the built environment
 - Environmental engineers
 - Interior designers
 - Business development and communications professionals
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KNOWLEDGE PARTNERS



Jakob Strømmand Andersen
Director of Innovation and Sustainability, Partner, Henning Larsen

Jakob holds an MSc and PhD in Architectural Engineering and is a LEED Accredited Professional and DGNB Certified Auditor. Jakob specializes in healthy, sustainable, and energy-efficient design, focusing on the intersection of engineering, architecture, and modern technology for sustainable cities and buildings.

He has international experience in various projects such as Lighthouse at Darling Park in Sydney, Biotope in France, the European Spallation Source in Sweden, and the University of Cincinnati's College of Business in the US.

Jakob oversees Henning Larsen's PhD program, collaborating with co-sponsoring institutions on R&D projects such as acoustics simulations, lighting design in learning environments, design for disassembly of facades, and

anthropological studies on knowledge sharing in common spaces.

Real Estate Developers' Association of Singapore (REDAS)

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