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Calculating supply chain emissions of your project with the ECE Tool

Hosted by Sustainable Engineering Society

Overview

Whilst accounting for emissions from petrol/fuel use, purchased electricity, heat or steam are quite clearly defined, accounting for supply chain impacts, also known as Scope 3 emissions is more problematic – it requires an analysis that extends back through many stages of the upstream supply chain. The gathering of original and specific supply chain information of the organisation and its suppliers requires tremendous time and resources, and complete coverage of this information may not be ensured. The Embodied Carbon Explorer (ECE) online tool overcomes many of these technical problems and allows for comprehensive Scope 3 estimations of greenhouse gas emissions related to purchased products and services to be undertaken.

This event will explore Scope 3 carbon emissions and how the ECE online tool can be used to attain a greater understanding and management of upstream embodied carbon/ Scope 3 emissions. This event will include an introduction of emissions in the built environment, presentation of the ECE tool and a step-by-step guide on using the ECE tool. It will demonstrate the ECE online tool through a case study related to the built environment to identify major emission contributors in a project's supply chains. It will also be demonstrated how the tool helps with Scope 3 accounting under the Climate Active Carbon Neutral Standard.

Speaker



Dr Soo Huey Teh is a Research Associate in the Sustainability Assessment Program at UNSW Sydney and a Project Manager for the CRCLCL project Integrated Carbon Metrics that develops tools for the built environment. Her research has both an academic and industry focus including sustainability assessment of construction and low carbon materials and building carbon footprint tools for buildings and building materials. Her expertise is in quantitative sustainability assessment and sustainable built environment.

VENUE

Zenith Theatre
Cnr Railway & McIntosh Streets
Chatswood

DATE & TIME

06 February 2020 |
6:30pm – 8:00pm

TICKETS (incl. GST)

EA Members & Students:
Complimentary;
SENG members: Complimentary;
Non-members: \$30

REGISTRATIONS CLOSE

05 February 2020

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