CPD ONLINE
Free CPD education online

1 Formal CPD point

Please be aware you are required to manage your own CPD records. We will provide you with your participation certificate and answer sheet once you have attended the full seminar.

The below answer sheet is for your own self-assessment.
Please keep your completed questionnaires and answers on file for your record.
These do not need to be sent to CPD Live. CPD-Live will send you certificate.

Proudly supported by

living edge®

Decoding Carbon – Turning Data into Better Design Decisions

1. **Explain the key environmental challenge associated with the fast pace of tenancy changes in the commercial sector?**

   Tenancy changes result in the need for new fitouts, which in turn, results in the problem of 'replaced embodied energy' (or the introduction of new products, which carry their own embodied energy) into a building.

2. **Define the term 'lifecycle analysis'**

   Lifecycle analysis is a standardized, science-based method used to evaluate the total environmental impacts of a product, process, or service across its entire lifetime.

3. **What are Green Star Fitouts?**

   Green Star Fitouts is an official rating tool launched by the Green Building Council of Australia (GBCA) to evaluate and certify the sustainable design, construction, and circularity of interior spaces like offices and retail stores.

4. **What are Product Carbon Footprints (PCFs)?**

   Product Carbon Footprints (PCFs) are independently verified, life cycle assessment reports that disclose the life-cycle carbon impacts of products. They are like EPDs, but cover only carbon. They are accepted by all building scheme and procurement policies.

5. **How is circularity and reuse changing the project design process?**

   Clients using Green Star or Government agencies with sustainable procurement policies are asking for carbon and circularity disclosure at point of design and delivery. That means architects will need to create or review a 'defit' retention report and design with the intention to retain 50% of materials. This means working with Furniture, Fixtures, and Equipment (FF&E) suppliers who can offer take-back or refurbishment services to minimise the use of 'virgin' materials. They will also need to provide evidence at other stages of the process - especially practical completion.

Competency Codes: PC10, PC24, PC28, PC35