ARCHITECTURE DESIGN

Sustainability Summit

The below answer sheet is for your own self-assessment. Please keep your completed questionnaires and answers on file for your record. Sustainability Summit will send you a CPD certificate once your questionnaire has been submitted.

1 FORMAL CPD POINT

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Waste Reduction as an Economic Opportunity

1. How significant is construction waste, and why is it an environmental concern?

Construction generates a substantial proportion of Australia's waste, and sending materials such as concrete, timber, metals and plasterboard to landfill loses valuable resources while adding environmental impacts from extraction, processing, transport and disposal.

2. What does circularity mean in the context of the built environment?

Circularity keeps materials and products in use for as long as possible through durability, adaptability, repair, reuse and disassembly, while recovering materials from existing buildings and retaining their value across multiple cycles of use.

3. How can waste reduction create economic opportunities for the construction sector?

Waste reduction can lower disposal costs, improve material efficiency and create markets for recovered, reused and recycled products, while opening opportunities for material-recovery services, reuse markets and more efficient procurement.

Competency Codes: PC 10, PC 31, PC 35, PC 45