Towards Ecoville: Sustainable Design Forum

Centre for Design

with visiting academic Assoc Prof Brian Burns from Carleton University Canada

Program

1.00pm - 1.05pm
Welcome and Introduction
Dr Karl Verghese

1.05pm - 2.00pm
Towards Ecoville - presentation and workshop
Assoc Prof Brian Burns

2.00pm - 3.00pm
Eco-craze - Product design presentation and workshop
Simon Lockrey

3.00pm - 4.00pm
Aged care - Institutional service provision
Dr Stephen Clune

This forum presents case studies of Design for Sustainability thinking applied to product design, and Institutional Service provision. The format of the forum involves a short presentation and hands on workshop facilitated by each presenter.

Ecoville, there are no greenhouse gas emissions. There aren’t even gasoline engines.

Instead, Ecoville presents noiseless cars powered by compressed air and bikes aplenty - with lots of city storage spaces. If it all sounds like a dream, unfortunately, that’s because it is. Ecoville is the dream of Assoc Prof Brian Burns, realised through the work of 30 individual design students. Faced with serious global challenges like food shortages and climate change, Brian tasked final-year students with inventing products for a better, sustainable city.

Ecocraze, product design

Life Cycle Assessment (LCA) is an internationally recognised approach to evaluating the potential environmental impacts of products and services by systematically examining environmental impacts from raw materials extraction and processing through to end-of-life. Simon Lockrey illustrates how LCA applied through the design process leads to superior design solutions that make a difference.

Aged care - Institutional Service provision for Sustainability

Design thinking applied outside traditional product design has gained momentum recently. Stephen Clune presents how design thinking and LCA was used with an Aged Care Institution to identify the ecological impacts associated with the provision of aged care, understand the drivers for these ecological impacts, and identify opportunities for these impacts to be significantly reduced.

For further information, visit www.rmit.edu.au/cfd