ENERGY EFFICIENT BUILDING

CONFERENCE

C2C

CRADLE TO CRADLE IN THE BUILT ENVIRONMENT

Wednesdag 25th of April 2012, at 12.45 - 19.00 pm

At VIA University College, Christian M. Østergaards Vej 4, Horsens - Auditorium A.

C2C is a set of principals that promote a positive vision of the future. It celebrates the abundance of human creativity, culture and productivity. It is important to keep focusing on innovative development within technologies, design and materials creating future solutions with high quality. The C2C principals believe in solutions that allow growth in consumption. At the same time, it is an environmentally and economical advantage, creating added value for clients, users and the environment.

C2C reframes design as a beneficial, regenerative force - i.e. eco-effective - abandoning the standard approach of minimizing the harm we inflict, – i.e. eco-efficiency. The concept is based on these main design-principles: waste equals food – i.e. eliminate the concept of waste; use current solar income; celebrate diversity and anticipate evolution, these principals could be an eye opener for students, consultants, contractors and clients.

At the conference, the opportunity to share knowledge and to learn from other countries' experience of C2C inspired buildings, is just one step forward to more innovative solutions for the future.

3XN, Louisiana Pavillon

3XN, Green Solution House

CONFERENCE PROGRAM

12.45 Intro – VIA taskforce of energy efficiency and sustainable design
Speaker : Heidi S. Merrild VIA university college/Coordinator of VIA taskforce of energy efficiency and sustainable design.

13.00 Sustania - a platform for development and visualization of sustainable solutions
Speaker : Per Christensen Development Manager at VIA university. Per Christensen is in charge of VIA's virtual suggestion for Sustainia "VIA energy Park".
http://www.sustainia.me/team-behind-sustainia/strategic-partners/

13.30 Cradle to Cradle for innovation and quality
Speaker : Marleen Lodder, PhD student Erasmus University Rotterdam at the Academic Chair: 'RSM (Rotterdam School of Management) and DRIFT (Dutch Research Institute for Transitions) Cradle to Cradle and Area Development: Introduction of PhD research (context, actors, relevance, research proposal)

14.00 The Cradle and the Final Interface
Speaker: Rinus van den Berg Industrial & Architectural Designer DSM / MSC Conceptual Design
C2C and product design. In this presentation 3 aspects are highlighted:

1. An introduction of the phenomena the "Final Interface".
2. The central position of design in the supply chain with general aspects related to eco-effective design.
3. Specific guidelines for (plastic) product design in the frame work of C2C with some examples.

ENERGY EFFICIENT BUILDING

CONFERENCE

C2C

Coffee Break 15.00 - 15.30

15.30 “Sustainability and Cradle to Cradle” Energy and Exergy. Efficiency and Effectiveness
Speaker : Prof.ir. Peter G. Luscuere
Sustainability versus Cradle to Cradle. Energy effectiveness= Exergy = Quality of energy.
Examples with stirling engine, CHP, Heat pump, Fuel Cells and algae.

16.30 The use of Cradle-to-Cradle principles at the Anholt school
Speakers: Carla Smink, Aalborg University & Helene Hennings, Anholt school:
The Cradle-to-Cradle Islands project (C2CI) is an Interreg IVB North Sea Region Project with 22 partners from six countries around the North Sea. The leading vision in the project is to see islands as innovation centers that implement sustainable and Cradle-to-Cradle solutions. Anholt has chosen to apply Cradle-to-Cradle principles at the Anholt school; e.g. focus is on (reduction of) energy consumption by applying more environmentally friendly energy sources, indoor air quality, etc. Cradle-to-Cradle principles will also be introduced in the curriculum of the school’s pupils.

17.30 Sandwiches

18.00 Green Materials and Advanced Geometry
Speaker: 3XN, Morten Norman Lund, Cand. Polyt. Arch in GXN
Cradle to Cradle Islands, Bornholm. Cradle to Cradle in the built environment. C2C inspired projects, Cradle-2-Cradle pavilion and Green Solution House. Cradle to Cradle design development and implementation in practice.

19.00 Closing up
by Heidi S. Merrild VIA University College/Coordinator of VIA Taskforce of Energy Efficiency and Sustainable Design.

Registration and payment:
http://viapay.dk/category/konference-7/

Price in dkk
DKK 995 for externals
DKK 100 for students

Arranged by:
Architectural Technology and Construction Management, VIA University College