

1-day Masterclass

CO2 reduction & Closing cycles in the Built Environment

1 June or 8 November (English) 2018 , by Ronald Rovers



Masterclass addressing most recent knowledge about closing resource cycles, trends and hypes (like circular economy), consequences of the Paris Climate agreement, practical cases (retrofitting housing), and questions by participants.



- discover challenges for buildings and cities
- Meet colleagues in your field of expertise
- discuss practical solutions for projects



- learn sense and nonsense in hypes
- understand consequences from 'Paris'
- get insight in latest knowledge

Preliminary program ,

Morning: 0930-1300: lectures and exercises.
 – The implications of the Paris climate agreement for the Built environment
 – closing cycles / circular building: energy & materials

Afternoon 1330-1730: Questions and practical cases and choices, including cases by participants
 Examples: What is a circular building? What materials to choose? How low CO2 can we built & retrofit?
 How to redevelop our built environment?

Venue: Eindhoven city center, 3 minutes walk from Railway station

Part. Fee: 295 Euro, incl lunch, drinks, course material (alumni from UEM Master can apply for a discount)

Highlights:

- lectures, discussions, group-work, with regard to:
 - analyses of resource flows in a (zero impact) built environment: energy, water, materials, food .
 - Implications of the Paris climate agreement: staying within 2 degrees CO2 budgets.
 - consequences of zero energy building/retrofit. concepts, new knowledge, pilot experiences
 - analyses and discussion on popular strategies (circular economy, clean tech, eco-metabolism, smart cities, climate related CO2 approaches etc)
 - joint discussion and answering of participants professional questions .

Participants can propose additional topics/issues to address

Conditions and Payment: See registration web-page: <http://www.sustainablebuilding.info/masterclass/registration/>