

Seminar “Carbon Footprint and LCA”

25 July 2017 (h: 15.30 - 17.30)

Location: EURAC, Conference Hall

Viale Druso 1, 39100 Bolzano



[Omega Center for Sustainable Living](#), Rhinebeck, New York - Photo: Farsid Assassi, via BNIM Architects

Introduction:

Carbon Footprint represents one of the most relevant indicators of building environmental sustainability, measuring the carbon dioxide emissions over its life cycle. The carbon dioxide is considered as the major responsible for the greenhouse effect and, therefore, of the global warming and climate change. Sustainable buildings are critical to a future that is socially just, ecologically restorative, culturally rich and economically viable within the climate change context. Within the built environment sustainability agenda a shift is occurring, towards a broader framework that enriches places, people, ecology, culture, and climate at the core of the design task, with particular emphasis on the benefits towards health.

Seminar:

The seminar aims at providing research results on building life cycle assessment, presenting research project RESTORE on a new paradigm for restorative sustainability, and at opening discussion with all interested researchers and practitioners on approach for addressing building design decision process towards sustainability.

Agenda:

Time	Topic	Speaker
15:30	Welcome from EURAC Introduction on Carbon Footprint and LCA	Roberto Lollini, Institute for Renewable Energy, EURAC Research
15:40	Building carbon footprint: challenges and opportunities. Results of the embodied carbon research at Skidmore, Owings and Merrill (SOM), Chicago	Andrea Meneghelli, visiting researcher at Skidmore, Owings and Merrill (SOM), Chicago
16:10	Research studies on whole life cycle embodied carbon in building structures (MIT) and best-practice of industry leaders in the implementation of Whole Life Carbon in the building sector	Catherine De Wolf, Phd in Building Technology at the Massachusetts Institute of Technology (MIT), Boston
16:40	Introduction to RESTORE project: RETHinking Sustainability TOWards a Regenerative Economy	Carlo Battisti, RESTORE Action Chair, EURAC Research
17:00	Open discussion with participants	Roberto Lollini, Institute for Renewable Energy, EURAC Research
17.30	Closure	

Registration:

Please reply to the following email: Gloria.peasso@eurac.edu by **20/07/2017** if you are interested in attending the Seminar.

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