ETH zürich

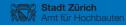


Expanding Boundaries: System Thinking in the Built Environment

Sustainable Built Environment (SBE)
Regional Conference 2016, ETH Zürich
June 13-17, 2016







Expanding Boundaries: System Thinking in the Built Environment

Sustainable Built Environment (SBE) Regional Conference 2016 ETH Zürich, Switzerland

Agenda

Consuming over 40% of total primary energy, the built environment is in the centre of worldwide strategies and measures towards a more sustainable future

To provide resilient solutions, a simple optimisation of individual technologies will not be sufficient. In contrast, wholesystem thinking reveals and exploits connections between parts. Each system interacts with others on different scales (materials, components, buildings, cities) and domains (ecology, economy and social). Whole-system designers optimize the performance of such systems by understanding interconnections and identifying synergies. The more complete the design integration, the better the result.

The conference aims to provide a platform for exchange between researchers and practitioners of the construction sector to foster system thinking in the built environment.

Topics

We welcome contributions that address this within the following key topics:

Integrated approaches to energy and resource efficiency

Distributed energy and infrastructure systems for buildings and cities

Life-cycle oriented building and construction materials

Practices for interactive user and stakeholder involvement

Economic models and policy development for fast and appropriate strategy implementation

The conference will be accompanied by workshops and site visits of recent, cutting edge building projects in and around 7ürich



Image: ETH Division for Events & Location Development

Conference Organization Committee

Chair of Sustainable Construction Prof. Dr. Guillaume Habert www.ibi.ethz.ch

Chair of Architecture & Building Systems Prof. Dr. Arno Schlueter www.suat.arch.ethz.ch

City of Zürich, Building Department Sustainable Building Section Annette Aumann www.stadt-zuerich.ch/ahb Swiss Federal Office of Energy (SF0E)
Head of Research for Buildings
Andreas Eckmanns
www.bfe.admin.ch/forschunggebaeude

Annette Walzer Institute of Construction and Infrastructure Management www.ibi.bauq.ethz.ch

Date and Venue

The conference will be held from June 13 to 17, 2016 at ETH Zürich, Switzerland.

Please visit our website for important dates and further information.

More information: www.sbe16.ethz.ch

Contact

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