



# Expanding Boundaries: System Thinking in the Built Environment

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

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**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, whole-system 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 Zürich.



Image: ETH Division for Events & Location Development

### **Conference Organization Committee**

Chair of Sustainable Construction

Prof. Dr. Guillaume Habert

[www.ibi.ethz.ch](http://www.ibi.ethz.ch)

Chair of Architecture & Building Systems

Prof. Dr. Arno Schlueter

[www.suat.arch.ethz.ch](http://www.suat.arch.ethz.ch)

City of Zürich, Building Department

Sustainable Building Section

Annette Aumann

[www.stadt-zuerich.ch/ahb](http://www.stadt-zuerich.ch/ahb)

Swiss Federal Office of Energy (SFOE)

Head of Research for Buildings

Andreas Eckmanns

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Annette Walzer

Institute of Construction and

Infrastructure Management

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### **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](http://www.sbe16.ethz.ch)**

## Contact

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