

SBE16 Tallinn and Helsinki Conference; Build Green and Renovate Deep, 5-7 October 2016,
Tallinn and Helsinki

Editorial



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Keywords: nZEB; sustainable construction; renovation; tools; standards; policy.

1. Introduction

This volume of *Energy Procedia* serves as proceedings of SBE16 Tallinn and Helsinki Conference; Build Green and Renovate Deep, 5-7 October 2016, Tallinn and Helsinki. The SBE16 conference was organized by Finnish Association of Civil Engineers RIL and Estonian Association of Civil Engineers EEL, and it belongs to the Sustainable Built Environment (SBE) series of conferences.

2. Conference themes

SBE conference series has focused to a broad scope of sustainability issues in construction including buildings, city planning and infrastructure. SBE16 reflects the most acute topics in the region and Europe which may be divided under three main themes:

- Technical solutions and technologies needed for nearly zero energy buildings (nZEB);
- Sustainability assessment tools and standards as well as more broader question how to measure objectively sustainability in design and construction of buildings and districts;
- Deep integrated renovation of existing buildings.

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More specifically, 98 SBE16 papers covered 9 themes, each of them forming at least one conference session:

- Advanced technologies for nZEB
- Design and construction process
- Energy use and occupant behavior
- Land use planning and infrastructure
- Policy and regulation
- Prefabricated renovation solutions
- Retrofit measures and analyses
- Tools and standards to measure green
- Ventilation and indoor climate

Conference statistics, i.e. how many papers in each theme, provides some insight to most common topics researchers and practitioners are working at present, see Fig. 1.

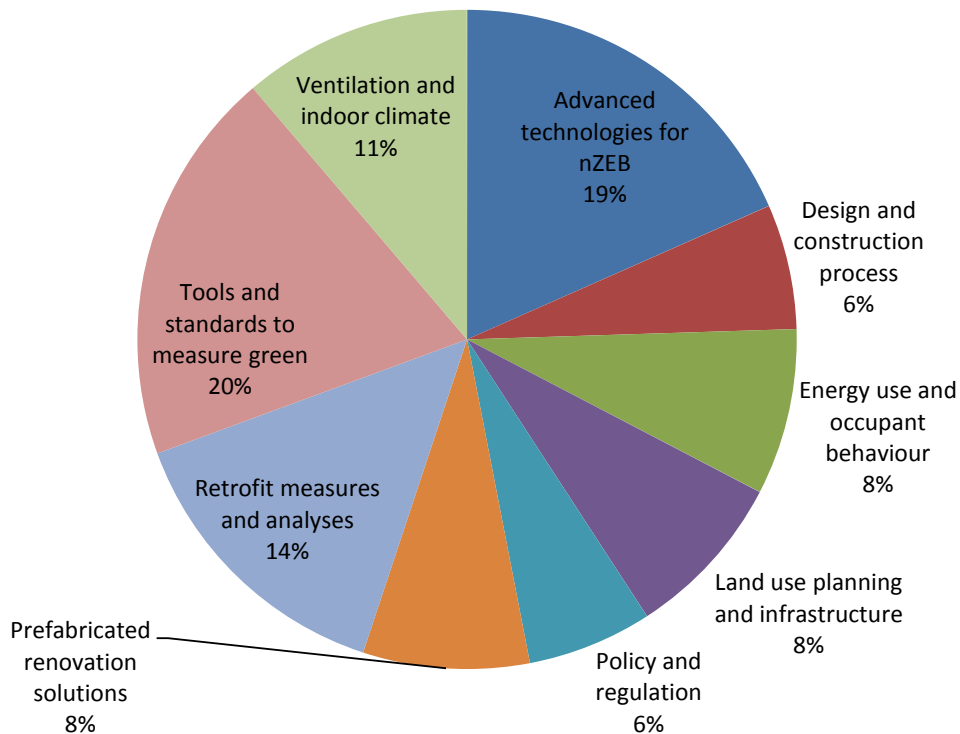


Fig. 1. Distribution of conference papers.

3. Organizing and scientific committees

As SBE16 scientific chair I would like to express my deepest thanks to the organizing and scientific committees.

Organizing committee:

- Ville Raasakka, Finnish Association of Civil Engineers RIL
- Teemu Vehmaskoski, Finnish Association of Civil Engineers RIL
- Tiia Ruben, Estonian Association of Civil Engineers EEL
- Andres Piirsalu, Estonian Association of Civil Engineers EEL

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