

# SuPerBuildings

## OBJECTIVES AND SCOPE


Tarja Häkkinen  
VTT - Technical Research Centre of Finland




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## Project partners

13 partners from 5 countries





VTT FINLAND
BRE UK
CSTB FRANCE
CSTC BELGIUM
KIT-U GERMANY
CVUT CZECH REPUBLIC
IAO GERMANY
TECNALIA SPAIN
ÖGUT AUSTRIA
YIT FINLAND
VCF FRANCE
WS GERMANY
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## SuPerBuildings



- has developed and selected sustainability indicators for buildings,
- has developed understanding about performance,
- has developed methods for the assessment and benchmarking of sustainable buildings and
- has made recommendations for the use of indicators
  - in steering and
  - in different stages of building projects.

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## Focus

- to develop new understanding about assessment methods and performance levels of sustainability indicators with special focus on
  - validity of the indicators and
  - comparability of the assessment results

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## Problem

- A big number of SB rating systems exists
- The calculation of sustainability for a building often happens with help of aggregation
  - attention to collection of points ?
  - attention to the core issues of sustainability ?
- Harmonization, unification, approaching closer to each other is needed
  - development of a new system ?
  - development of principles and core indicators ?
- The latter was adopted as a starting point for SuPerBuildings



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## Comparability of results

- In order to improve the reliability and comparability of assessment results, we need well defined assessment and calculation methods.
- SuPerBuildings has selected and developed suitable assessment methods for each indicator in order to enable the reliable assessment of performance levels.
- SuPerBuildings has identified issues that significantly affect the assessment results.



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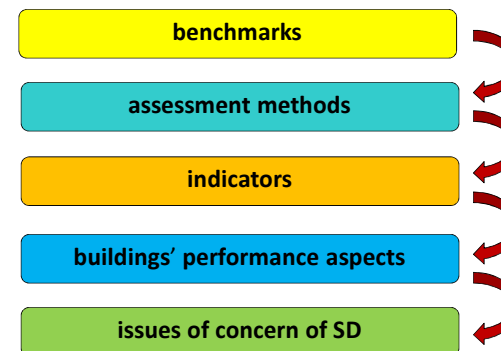
## Validity

- Validity determines whether the indicator truly measures what it was intended to measure or how truthful the results are.
- A top-down approach should be followed in the selection of indicators in order to ensure the validity of sustainability assessments.
- Two main criteria for individual indicators:
  - Sustainability indicators of buildings must indicate an issue of concern of sustainable development.
  - Buildings must have a significant impact on that issue of concern.



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## An ideal framework for an assessment system



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**Thank you for attention**

*tarja.hakkinen@vtt.fi*