

WELCOME TO

EnergyWeek

2017 20 - 24
MARCH VAASA,
FINLAND

#EnergyWeek

ABB

VEO

Wapice

WÄRTSILÄ



Energy & Buildings

ARRANGED BY:



NORDIC RENOVATION CENTER



EUROPEAN UNION

Interreg
Botnia-Atlantica

European Regional Development Fund

ABB

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ARCTEQ

crtec



 **WESTENERGY**



A knowledge network

The main goal for the project is to increase the number of skilled professionals needed to perform resource and energy efficient renovations within the Botnia Atlantica region. The goal will be reached by establishing a Nordic Renovation Center, a knowledge network that share best practices and support regional stakeholders with information and education on how to perform sustainable renovations. In order to provide relevant information, the project will gather information on end user needs and renovation methods and increase the availability of flexible pedagogical tools.



Energy & Buildings

SEMINAR THEME FOR 2017:

ENERGY EFFICIENCY AND INDOOR ENVIRONMENT



WHAT IS ENERGY EFFICIENCY?



The functionality and lifespan of the structures and systems
A good indoor environment
Safe, healthy, comfortable, productive

$$\text{ENERGY EFFICIENCY} = \frac{\text{WHAT YOU GET (a well functioning building)}}{\text{HOW MUCH ENERGY YOU USE (kWh)}}$$

Usage of natural resources, emissions, recyclability
Energy usage
During life cycle, production of materials, construction phase, demolition



PROGRAM:

SEMINAR PART I

9.00

Mauritz Knuts, Project Manager,
Vaasa Region Development Company
Welcome to the Energy & Buildings Seminar

9.05

Anders Adlercreutz, Member of Parliament
at Parliament of Finland / Architect
**Opening speech; Energy efficiency and
sustainability in buildings – can we have both?**

9.20

Harri Liukku, Sales Manager, ABB Oy
**Main sponsor presentation:
Building Automation and IoT**

9.40

Jyrki Keskinen,
Segment leader of Business Solutions, Wapice Oy
Main sponsor presentation

10.00 - 10.30

Networking break and
possibility to visit the exhibition

SEMINAR PART II

10.30

Richard Fitton, Lecturer in Energy Efficiency,
Applied Buildings and Energy Research Group,
University of Salford
“Energy savings measures” Do they work ?
How to measure energy efficiency accurately and
lessons learned from a wide range of experiments

10.50

Frances Bean, Project Manager, Buildings
Performance Institute Europe (BPIE)
Smart buildings in Europe

11.10

Rajnish Kaur Galay, Head of research group,
Institute for Building, Energy and Materials
Technology, UiT Norway’s Arctic University
Renovation of buildings for energy efficiency

11.30 - 13.00

Networking and lunch break,
and possibility to visit the exhibition

SEMINAR PART III

13.00

Bin Yang, Assistant Professor in Energy
Engineering, University of Umeå
**Energy efficient thermal comfort
– theory and practice**

13.20

Ulla Haverinen-Shaughnessy, Senior Researcher,
Tampere University of Technology / National
Institute for Health and Welfare
**Effects of improved energy efficiency on indoor
environmental quality, health and wellbeing
– results from INSULAtE-project**

13.40

Isabel Pinto-Seppä, ECTP The European
Construction, built environment and energy
efficient building Technology Platform / VTT
**Impact and future challenges of European
research for energy efficient buildings**