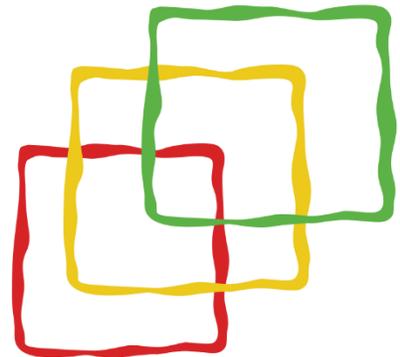




Renovation Center (RC)

Annika Glader

Novia University of Applied Sciences





NORDIC RENOVATION CENTER

WP1 Organization and set up of a Nordic Renovation Center:

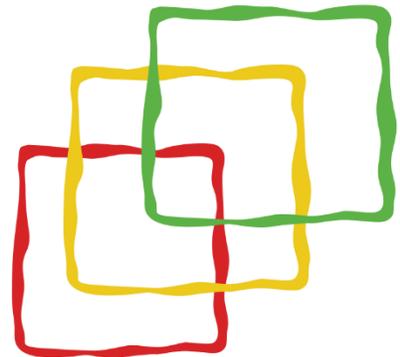
- ✓ Networking and benchmarking, stakeholder meetings
- ✓ Dissemination/training events
- ✓ Organizational model 1: RC as an Online Community?
- ✓ Organizational model 2: RC as a center for research cooperation?
- ✓ Organizational model 3: RC as a service provider for companies?

Results:

- ✓ A Nordic Renovation Center
- ✓ An international network of experts on sustainable renovations
- ✓ Work distribution between different research projects
- ✓ Share of best practice between the Nordic countries
- ✓ More skilled professionals able to perform sustainable and energy efficient renovations in the Botnia Atlantica region

Long-term effects:

- ✓ Enhanced competitiveness and growth of companies
- ✓ Contribute to the Europe 2020 strategy on employment
- ✓ More sustainable buildings and improved quality on building stock
- ✓ Improved indoor environmental quality, wellbeing of workers and productivity at workplaces





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WP2 Target groups needs and perspectives

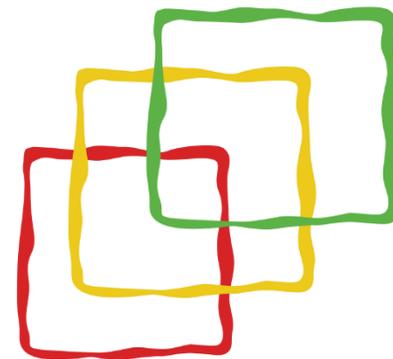
- ✓ Interviews and questionnaires
- ✓ Mapping of existing online info and tools
- ✓ Dissemination of tools

Results:

- ✓ Target group wish list of tools
- ✓ Reports on existing online info and tools
- ✓ House owner's perspectives on sustainable renovations
- ✓ List of barriers for undertaking energy renovations
- ✓ Market investigation report on need for a Renovation Center

Long-term effects:

- ✓ Help SMEs and municipalities to utilize research results in renovations
- ✓ Increase the rate of adoption of energy efficient renovations
- ✓ Contribute to the Europe 2020 strategy on climate and energy





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WP3 Mapping of used renovation methods, quality parameters and case documentation

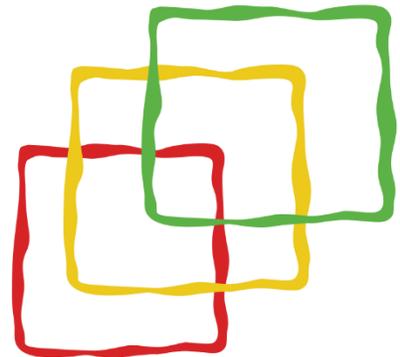
- ✓ Mapping of renovation methods in Finland, Sweden, Norway and Europe
- ✓ Case documentations in Finland, Sweden and Norway
- ✓ Comparison of quality parameters used in Finland, Sweden and Norway

Results:

- ✓ Examples of renovation methods used in Finland, Sweden, Norway and Europe on the project website
- ✓ Detailed examples of the renovation process for different types of public and residential buildings
- ✓ Database of case studies that has used different renovation methods in order to achieve stated goals regarding quality parameters; costs, moisture safety, conservation, energy savings and social aspects
- ✓ Description of important renovation quality parameters for all three countries on the project website

Long-term effects:

- ✓ Buildings with lower environmental impact after renovation
- ✓ Buildings with healthy and comfortable indoor environment, safe moisture performance of structures, improved energy efficiency and improved resource efficiency after renovation
- ✓ Economic benefits such as lower operational and maintenance costs and higher asset values for buildings after renovation
- ✓ Contribute to the implementation of the Resource Efficient Europe flagship
- ✓ Contribute to the Baltic Sea Region strategy
- ✓ Contribute to the Europe 2020 strategy on research and development





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WP4 Shared online learning space

- ✓ Development, material input and maintenance of a shared online learning space
- ✓ Investigation “Learning to know your target group”
- ✓ Investigation of Online communities
- ✓ Development of tools needed by our target groups
- ✓ Digital case compilations

Results:

- ✓ A knowledge bank for the building sector on sustainable and energy efficient renovations
- ✓ Report on needs for an Online community within the building sector
- ✓ Different type of digital tools placed on our website
- ✓ A knowledge bank with digital learning cases

Long-term effects:

- ✓ Increase the availability of free online e-learning materials and tools
- ✓ Raise the pedagogical quality on e-materials
- ✓ Contribute to the Europe 2020 strategy on education

