

HEALTH

Healthy and Energy-efficient
Living in Traditional Rural
Houses



EUROPEAN UNION
EUROPEAN REGIONAL DEVELOPMENT FUND
INVESTING IN YOUR FUTURE



CENTRAL BALTIC
INTERREG IV A
PROGRAMME
2007-2013

Healthy and Energy-efficient Living in Traditional Rural Houses (HEALTH)

Tallinn
14.05.2013



- Duration of the project 36 + 4 month
May 2010 – August 2013

• Project budget	1 003 331 EUR
ERDF funding applied for	811 747 EUR
National funding	191 584 EUR

- Priority
3. Attractive and dynamic societies

- Direction of Support
Improving living conditions and social inclusion



HEALTH

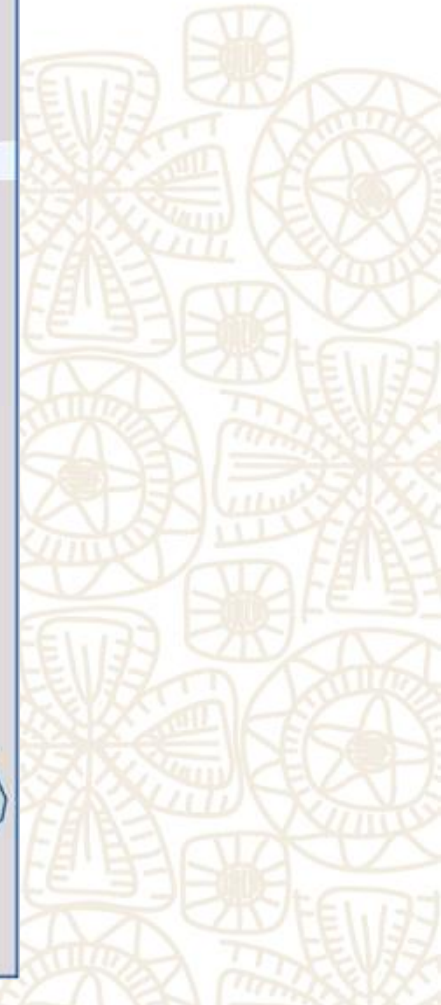
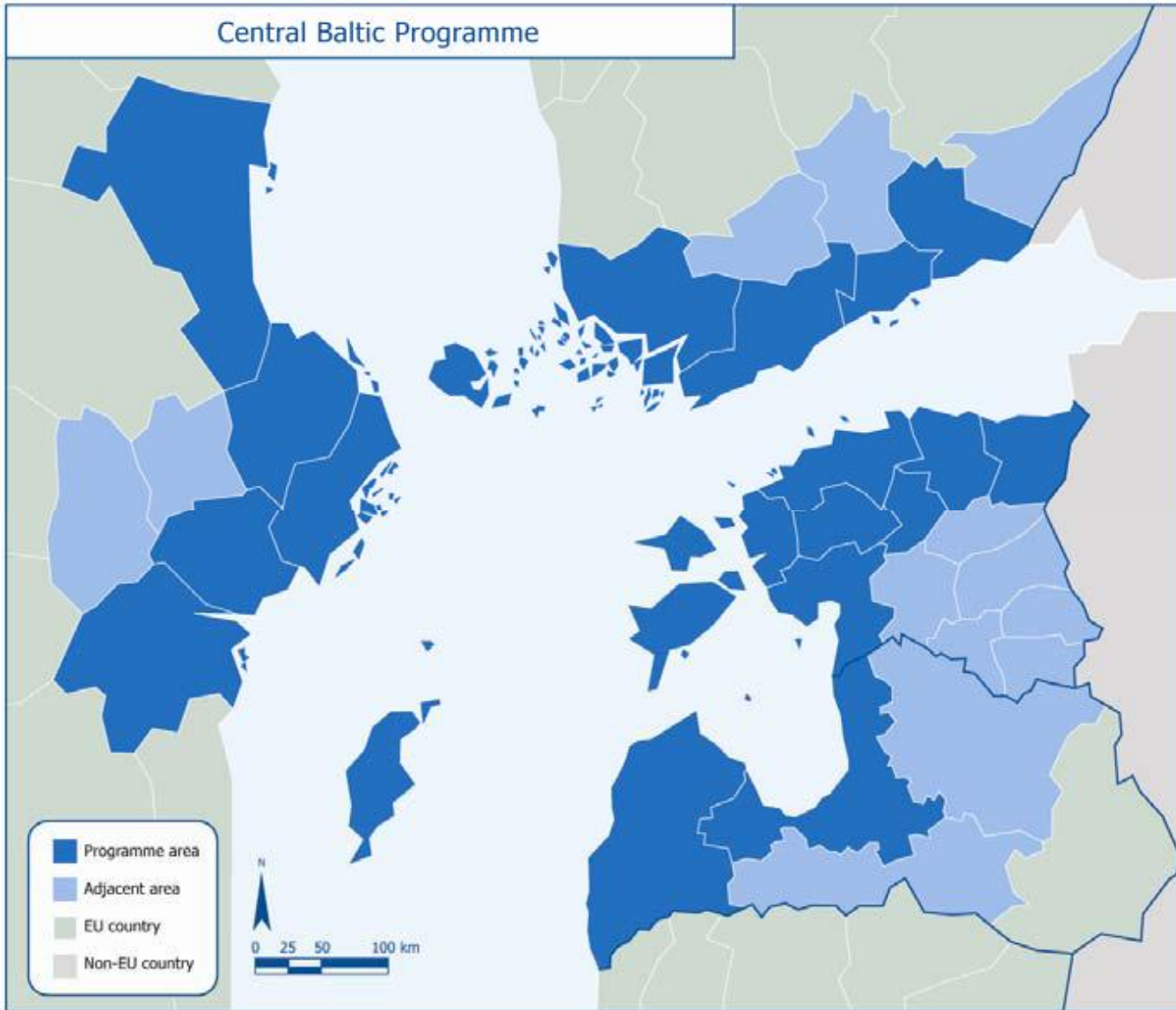
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Location of activities

Estonia: mostly in Harjumaa, Läänemaa, Raplambia, Saaremaa, Järvamaa, Lääne-Virumaa, Pärnumaa

Sweden: Gotland County

Finland: Uusimaa, Varsinais-Suomi



Partnership

- Lead Partner
Estonian Open Air Museum (Estonia)
- Partner 2
Gotland University (Sweden)
- Partner 3
Tallinn University of Technology (Estonia)
- Partner 4
Aalto University (Finland)
- Partner 5
Harju County Museum (Estonia)



Summary of the project

The aim of this project:

- The technical condition of the historic rural houses is going to improve.
- The number of harmful damages decreases and the buildings become more enduring (they will not need too frequent replacements of construction).
- To make rural buildings more energy efficient and to improve the indoor conditions, the renovation of their heating and ventilation systems as well as modern approach to renewable energies is a potential alternative.
- Selected technical solution should suit to the traditional houses and landscape.

As a result, the rural areas also become more attractive for tourism.



Strategic Focus on Work Packages

WP1 Project Management and Coordination

WP2 Scientific Work Package

Scientific research to provide basis for training, educating and working out renovation solutions

WP3 Educational Work Package

Householders and specialists can consider new technologies and methods in renovation and building plans.

WP4 Communication Work Package

Information targeted to householders, local municipalities, master builders and specialists.



Expected results

- Optimal solutions are worked out to improve the indoor climate in historical rural houses, to provide their occupants with a healthier living environment;
 - Optimal solutions are worked out to improve the energy performance of historical rural houses to reduce fuel usage and carbon emissions from heating and ventilating;
 - To optimize the solutions for renovation of traditional rural houses considering the problems in different fields and countries;
 - Occupants of traditional rural houses are educated to use their houses in more energy efficient ways;
 - Householders are taught some renovation skills in order to preserve traditional rural houses and landscape;
 - The rural areas have become more attractive and their potential of tourism has increased.
- etc.



Chosen methods

The project is divided into two main parts:

- Research work to study the living and technical conditions of traditional rural houses and landscapes



Chosen methods 2

- Training and educating of specialists and householders of traditional rural houses as well deepening collaboration between participating universities as well between universities and museums.



Target groups



- Householders
- Architects, engineers, builders, specialist of the local municipality
- Young specialists – students
- Other partner organisations





Cross-border added value

The whole area of the project witnesses similar difficulties with the living conditions and quality, energy efficiency, durability and quality of both wooden and stone houses. The problems are the same in all areas of the project, therefore it is not sufficient (and it is even uneconomical) to carry out research separately in each country.



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<http://hethproject.eu/>

Thank You for attention!

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