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**Promotion of smart and integrated NZEB renovation
measures in the European renovation market
(NeZeR)**

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Continuation plan for national clusters

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IVL

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1. INTRODUCTION

The NeZeR project promotes the implementation and smart integration of Nearly Zero Energy Building Renovation (NZEER) measures and the deployment of Renewable Energy Sources (RES) in the European renovation market. The scope of NeZeR is in urban residential houses and dwellings. The specific types of residential houses are selected in each of the five partnering countries in order to choose the most important national house types.

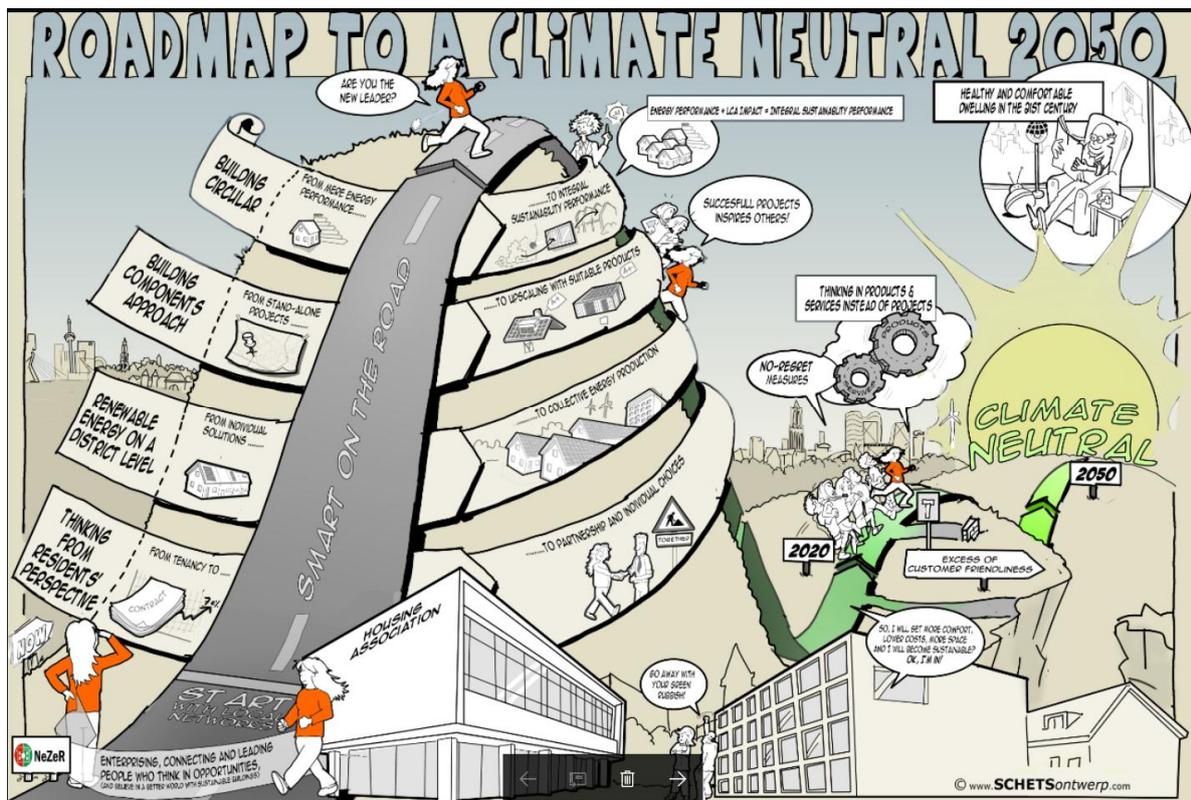
The aim of the project is to make NZEER the prevailing means for refurbishment and to improve the performance of the existing residential building stock, decrease the energy use of the building stock, achieve significant emission reductions of the building sector, and decrease the non-renewable energy dependency of Europe.

NeZeR project has formed national clusters of stakeholders have been and carried out a mutual roadmap describing gaps and barriers. It is crucial that the national clusters continue to operate effectively after the finalisation of the NeZeR project. This continuation plan for the national cluster includes a business for a self-sustaining follow up for the participating cities and to the clusters without any funding from the EU.

2. CONTINUATION PLAN NETHERLANDS

2.1 Purpose and description of the cluster

The main stakeholders who can make a difference in the Netherlands are the social housing associations. Within these organisations we need to support the enterprising, connecting and leading people, who think in opportunities. They need the sharing of knowledge and experiences with each other. Successful projects inspire others! The roadmap to a climate neutral 2050 starts with local networks.



2.2 Organisation during the NeZeR project

In a workshop with eight social housing associations on the 10th of November 2016 we presented the roadmap with the main tracks. Each track was presented by an expert out of the field of practice. The participants were asked to give additional direction signs for the way to 2050. One of the important outcomes was the need for a ‘community of practice’: a group of people who share their profession and experiences.

A summary of the workshop and Roadmap was published in Renda magazine (December 2016). Next step will be taken on the building fair in February 2017. The community of practice will then be continued and enlarged.



2.3 Organisation (including owner)

The first organisation is Renda (<https://www.renda.nl/>), a knowledge sharing platform, who organises a seminar about the roadmap at the building fair Utrecht in February 2017. For the following communities W/E consultants, René van Genugten and social housing association Portaal will try to continue the organisation together.

2.4 Expected output

Sharing knowledge and experiences. Good examples of renovation strategies and NZEBR.

2.5 Correlation to other networks

Renda has its own knowledge sharing network in which we connect the community of practice. Furthermore the results from the Community of Practice among housing associations will provide good examples for the commercial rental market and the private ownership segment of the market

2.6 Plan for meetings

First meeting at 6 February 2017, thereafter e.g. each quarter of a year

2.7 Funding of cluster

We will ask participants a small contribution for the costs of organizing.

3. CONTINUATION PLAN FINLAND

3.1 Purpose and description of the cluster

The Finnish national cluster will continue as a platform for interactive co-operation around renovation-themed research projects by VTT such as H2020 MODER and a national initiative to bring the Dutch Energy Leap-action into a Finnish context.

3.2 Organisation (including owner)

VTT will own the network.

3.3 Expected output

Input from different stakeholders to implement research results into practical context and to serve as a dissemination network.

3.4 Correlation to other networks

Finnish RTS organizes events for construction professionals (Rakennusfoorumi) several times a year. These events could be linked to the meetings of the national cluster.

3.5 Plan for meetings

There will be around 1-3 annual meetings.

4. CONTINUATION PLAN SWEDEN

4.1 Purpose and description of the cluster

The national cluster in Sweden includes the Swedish partners in the NeZeR-project; property owner associations, architecture schools, contractors, technical consultants, trade associations, interest groups and the Stockholm County Council.

From the cluster's point of view, the network represents a platform where research, news and information can be shared and input to future agreements in the sector can be provided. Furthermore, the network is an important area to spread awareness and promote the benefits of energy efficient renovation, as well as to avoid the mistakes of others.

Housing cooperatives and smaller private property owners are deemed target groups that are significant in the Swedish market but often lack knowledge. Banks and contractors are mentioned as key players to involve in this work as well as The Swedish Energy Agency and the Swedish National Board of Housing, Building and Planning (Boverket).

4.2 Organisation (including owner)

It has been proposed that the national cluster shall be integrated into an existing network such as BELOK, BEBOK or Energieffektiviseringsföretagarna. The future ownership of the cluster is not yet 100% decided.

4.3 Expected output

From the cluster's point of view, the network represents a platform where research, news and information can be shared and input to future agreements in the sector can be provided. Furthermore, the network is an important area to spread awareness and promote the benefits of energy efficient renovation, as well as to avoid the mistakes of others.

4.4 Correlation to other networks

See 4.2 above.

4.5 Plan for meetings

Since ownership is not resolved yet no plan has been made but suitable interval could be 3-4 meetings a year.

5. CONTINUATION PLAN SPAIN

3.2.1. Purpose

The purpose is to continue with the NeZeR main objective based on the promotion of NZEBR culture and concepts through different dissemination activities addressed to the identified stakeholders that compose the national cluster. The aim is to maintain the NZEBR activities in order to assure the composing of the national cluster and their commitment after the finalization of the NeZeR project. In this way a multidirectional exchange of experiences will be assured.

3.2.2. Organisation (including owner)

The plan is to join the national cluster created on the NeZeR project with all the activities related to NZEBR taking place after the NZEBR project. These activities could result from other research projects with local, national, European or international impact.

3.2.3. Expected output

Share knowledge and experiences.

Collect real examples of NZEBR from which abstract intervention strategies (financial strategies, social management inputs, etc.).

Display the dissemination activities in order to continue creating NZEB culture among the whole value chain of the construction sector and the residential building stock.

3.2.4. Correlation to other networks

Knowledge sharing networks from other research projects have been connected with the national cluster from NeZeR.

3.2.5. Plan for meetings

First activity: Webinar arranged the 25th April 2017 celebrated together with the European research projects CERtuS and ZenN.

Next defined activities: Dates to be defined between May and June 2017. Three training activities related to new technologies for NZEBR to be arranged together with EVE (Energy Agency of the Basque Government) and VISESA (Public-sector Company attached to the Basque Government) within the framework of the A2PBEER research project.

Further activities will be defined, depending on other projects and activities in progress.

3.2.6. Funding of cluster

The funding of the future activities will be obtained from the different research projects. The attendance from the national cluster to these activities will be paid for themselves.

6. CONTINUATION PLAN ROMANIA

6.1 Purpose and description of the cluster

The national NeZeR cluster in Romania will continue as an interactive network between main actors (ROSENC and ROVEST clusters, AAECR, universities – UPT, UPB, UTCB, UTGA, NeZeR Romanian partners). They worked together during NeZeR project and they also intend to promote and implement the plan for increasing the building energy performance in generally and NZEBR in specially, following the main priority actions of the NZEBR roadmap.

6.2 Organisation (including owner)

It was proposed that this interactive network to be led by ROSENC cluster. The main reason could be its expertise on the setting up the first ESCO for renovating the residential building based on an EPC.

6.3 Expected output

Taking into consideration that this interactive network contains all types of organizations (research, engineering, consulting, production, execution, financing), it is expected to share the information, knowledge and best practices needed for NZEBR implementation according to the priority actions of the roadmap.

6.4 Correlation to other networks

This network will continue to cooperate with others networks, such as the Pro-nZEB cluster, (Horia Petran, the president of Pro-nZEB cluster was NeZeR SC's member) and Association of Building Engineers in Romania (AIIR) (Catalin Lungu, AIIR's Vice President participated in NeZeR project as team coordinator in the NeZeR competition and as trainer in NeZeR training sessions).

6.5 Plan for meetings

The meetings will be linked by the main well known events at international level, which are annually organized in Romania such as: Romanian Conference on Energy Performance of Buildings (RCEPB), International Conference for Sustainable Buildings and Energy Efficiency (EURO-Constructii), WEC Central & Eastern Europe Regional Energy Forum (FOREN).