

HORIZON
2020

REgional process innovations FOR Building renovation packages opening markets to zero energy renovations

Fact Sheet

Project Information

REFURB

Grant agreement ID: 649865

[Project website](#) 

DOI

[10.3030/649865](https://doi.org/10.3030/649865) 

Project closed

EC signature date

5 February 2015

Start date

1 April 2015

End date

31 March 2018

Funded under

SOCIETAL CHALLENGES - Secure, clean and efficient energy

Total cost

€ 2 074 875,00

EU contribution

€ 2 074 875,00

Coordinated by

VLAAMSE INSTELLING VOOR
TECHNOLOGISCH ONDERZOEK
N.V.



Belgium

This project is featured in...



Deep Renovation - New approaches to transform the renovation market

Objective

As stated by the EC, renovation by the private housing sector towards increased energy efficiency is seriously lagging behind. As more than sufficient technological solutions are available, focus must be on removing non-technological barriers.

The main barriers relate to fragmentation of the renovation offers, resulting in inefficient or only partial solutions. In addition to financial restrictions and unclear benefits, house-owners do not have a structured way to obtain all the necessary information related to renovation measures.

One of the ways to solve this, is the use of '1-stop shop concept.' Many initiatives have already been put into practice. Some of these projects were successful, but several were not. They often lack an understanding of the concerns and demands of the house-owners. REFURB 2.0 will tackle the complex interplay of these barriers through coordinated process organisation, innovation and optimization.

REFURB 2.0 will bridge the gap between supply and demand side by:

- developing a holistic approach to the renovation process in which technology combinations trigger step-by-step deep energy renovation of existing, private residential buildings towards NZEB-standards.
- accommodating the technology solutions to the decision-making psychology and 'language' of residential house-owners; this will provide the drivers for empowerment and mobilisation of house-owners for deep renovation.
- developing a quality and performance protocol to build trust on the demand side.

The above mentioned activities will result in dedicated renovation packages for different market segments and regions in Europe, starting with the private residential sector. A small scale pilot will be carried out in order to validate and demonstrate the REFURB 2.0 solution. This will be followed by a roll-out plan to stimulate EU wide uptake. In addition, a transferability plan will be established for other sectors, whereas the social housing sector will be the first 'follower'.

Fields of science (EuroSciVoc)

[engineering and technology](#) > [environmental engineering](#) > [energy and fuels](#) > [renewable energy](#)
[social sciences](#) > [psychology](#)



Programme(s)

[H2020-EU.3.3. - SOCIETAL CHALLENGES - Secure, clean and efficient energy](#)

MAIN PROGRAMME

[H2020-EU.3.3.7. - Market uptake of energy innovation - building on Intelligent Energy Europe](#)

Topic(s)

[EE-05-2014 - Increasing energy performance of existing buildings through process and organisation innovations and creating a market for deep renovation](#)

Call for proposal

[H2020-EE-2014-2015](#) 

[See other projects for this call](#)

Sub call

H2020-EE-2014-3-MarketUptake

Funding Scheme

[CSA - Coordination and support action](#)

Coordinator



VLAAMSE INSTELLING VOOR TECHNOLOGISCH ONDERZOEK N.V.

Net EU contribution

€ 318 048,75

Total cost

€ 318 048,75

Address

BOERETANG 200

2400 Mol

 **Belgium** 

Region

Vlaams Gewest > Prov. Antwerpen > Arr. Turnhout

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Participants (16)



PROJECT ZERO A/S

 **Denmark**

Net EU contribution

€ 113 437,50

Address

NR HAVNEGADE 43

6400 Sonderborg 

SME 

Yes

Region

Danmark > Syddanmark > Sydjylland

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 113 437,50



BOUW FRANCIS BOSTOEN NV

Belgium

Net EU contribution

€ 233 922,50

Address

KONINGINNELAAN 2/3
9031 GENT

Region

Vlaams Gewest > Prov. Oost-Vlaanderen > Arr. Gent

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

- [Contact the organisation](#)
- [Participation in EU R&I programmes](#)
- [HORIZON collaboration network](#)

Total cost

€ 233 922,50



CLEAN

Denmark

Net EU contribution

€ 174 687,50

Address

RADHUSPLADSEN 59 4
1550 Kobenhavn

SME

Yes

Region

Danmark > Hovedstaden > Byen København

Activity type

Other

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 174 687,50



FUDURA BV

 Netherlands

Net EU contribution

€ 80 000,00

Address

Magistratenlaan 116

5223 MB 's-Hertogenbosch 

Region

Zuid-Nederland > Noord-Brabant > Noordoost-Noord-Brabant

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 146 125,00

 **THIRD-PARTY** 

ENEXIS PERSONEEL BV

 Netherlands

Net EU contribution

€ 66 125,00

Address

MAGISTRATENLAAN 116

5223 MB 'S-Hertogenbosch 

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Total cost

€ 66 125,00



MITTETULUNDUSUHING TARTU REGIOONI ENERGIAAGENTUUR

 Estonia

Net EU contribution

€ 88 322,50

Address

NARVA MNT 3

51009 Tartu 

Region

Eesti > Eesti > Lõuna-Eesti

Activity type

Other

Links

[Contact the organisation](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Total cost

€ 88 322,50



INTERCOMMUNALE LEIEDAL

 Belgium

Net EU contribution

€ 288 125,00

Address

PRESIDENT KENNEDYPARK 10

8500 Kortrijk 

Region

Vlaams Gewest > Prov. West-Vlaanderen > Arr. Kortrijk

Activity type

Other

Links

- [Contact the organisation](#)
- [Participation in EU R&I programmes](#)
- [HORIZON collaboration network](#)

Total cost

€ 288 125,00



PROVINCIE FRYSLAN

Netherlands

Net EU contribution

€ 9 567,50

Address

TWEEBAKSMARKT 52
8911 KZ Leeuwarden

Activity type

Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

Links

- [Contact the organisation](#)
- [Participation in EU R&I programmes](#)
- [HORIZON collaboration network](#)

Total cost

€ 9 567,50



BSC, POSLOVNO PODPORNI CENTER, DOO

Slovenia

Net EU contribution

€ 124 812,50

Address

CESTA STANETA ZAGARJA 37
4000 Kranj

SME

Yes

Region
Slovenija > Zahodna Slovenija > Gorenjska

Activity type
Other

Links
[Contact the organisation](#)
[Participation in EU R&I programmes](#)
[HORIZON collaboration network](#)

Total cost
€ 124 812,50



RECTICEL BV

Netherlands
Net EU contribution
€ 0,00

Address
SPOORSTRAAT 69
4041 CL KESTEREN

Region
Oost-Nederland > Gelderland > Zuidwest-Gelderland

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
[Contact the organisation](#) [Website](#)
[Participation in EU R&I programmes](#)
[HORIZON collaboration network](#)

Total cost
No data



AALBORG UNIVERSITET

Denmark
Net EU contribution
€ 123 437,50

Address

FREDRIK BAJERS VEJ 7K

9220 Aalborg 

Region

Danmark > Nordjylland > Nordjylland

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 123 437,50



ISW INSTITUT FUR STRUKTURPOLITIK UND WIRTSCHAFTSFORDERUNG GEMEINNUTZIGE GESELLSCHAFT MBH

 Germany

Net EU contribution

€ 137 218,75

Address

**SEEBENER STR. 22
06114 HALLE SAALE** 

SME 

Yes

Region

Sachsen-Anhalt > Sachsen-Anhalt > Halle (Saale), Kreisfreie Stadt

Activity type

Other

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 142 116,56

ISW GESELLSCHAFT FUR WISSENSCHAFTLICHE BERATUNG UND DIENSTLEISTUNG MBH

 Germany

Net EU contribution

€ 4 897,81

Address

SEEBENER STR. 22
06114 HALLE (SAALE) 

Region

Sachsen-Anhalt > Sachsen-Anhalt > Halle (Saale), Kreisfreie Stadt

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 4 897,81



BAUVEREIN HALLE & LEUNA EG

 Germany

Net EU contribution

€ 67 152,19

Address

Schuelershof 12
06108 Halle (Saale) 

SME 

Yes

Region

Sachsen-Anhalt > Sachsen-Anhalt > Halle (Saale), Kreisfreie Stadt

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost
€ 67 152,19



RECTICEL SA

 Belgium

Net EU contribution

€ 53 750,00

Address

AVENUE DU BOURGET 42
1130 Bruxelles / Brussel 

Region

Région de Bruxelles-Capitale/Brussels Hoofdstedelijk Gewest > Région de Bruxelles-Capitale/ Brussels Hoofdstedelijk Gewest > Arr. de Bruxelles-Capitale/Arr. Brussel-Hoofdstad

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost
€ 53 750,00



GEMEENTE LEEUWARDEN

 Netherlands

Net EU contribution

€ 191 370,00

Address

OLDEHOOFDSTERKERKHOF 2
8911 DH Leeuwarden 

Activity type

Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 191 370,00

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European Union, 2025