



CITYnvest

Increasing Capacities in Cities for Innovative Financing in Energy Efficiency

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CEMR



- Funded under the Framework Programme for Research and Innovation Horizon 2020
- 36 months
- Main goal: mainstreaming and replication of innovative financing models for energy efficiency in buildings



Innovative Financing Models

“Innovative financing model” - mechanisms and instruments that were developed to provide suitable financing for large-scale and in-depth energy efficiency renovations in buildings.

- Energy Performance Contracting (EPC)
- Third Party Financing (TPF)
- revolving funds
- cooperative models
- crowdfunding
- green bonds

Proven successful and applied in several contexts but not yet widely used across Europe. There are still some barriers that block replication and extensive application of those schemes.

Project partners



Climate Alliance

- Project coordinator : **Climate Alliance** - is a non-profit association representing 1,700 European local authorities in 24 countries



- **Council of European Municipalities and Regions (CEMR)**



- **GreLiège** - Regional Development Agency, Liège, Belgium



- **Sofia Energy Centre** - Bulgarian consultancy specialised in energy efficiency and renewable energy projects



- **Info Murcia** - Regional Development Agency, Murcia, Spain



- **REScoop.eu** -European federation of groups and cooperatives of citizens for renewable energy



- **Energinvest** - strategic, financial and operational consulting firm



Building solutions in CITYnvest

State of the art knowledge

Experimenting & implementing

Wide-scale capacity building

Monitoring

Channeling to EU



CITYnvest's impacts

- **Builds capacities and skills** (650 local authorities, and 300 key stakeholders trained)
- **Shapes policies and regulations** on the EU and national level
- Prepares **the ground for investments** (73,3 million euros in energetic retrofitting committed in Belgium, Bulgaria and Spain)
- **Creates sustainable job**, based on DG Energy ratio of 17 sustainable jobs per million investment - 1.246 jobs for all the investments committed during the project and after the end of the project
- **Triggers energy savings:** as result of CITYnvest - 58,6 GWh



Capacity-building materials

“Increasing capacities in cities for innovating financing in energy efficiency”

reviews innovative financing and operational models for large-scale retrofits



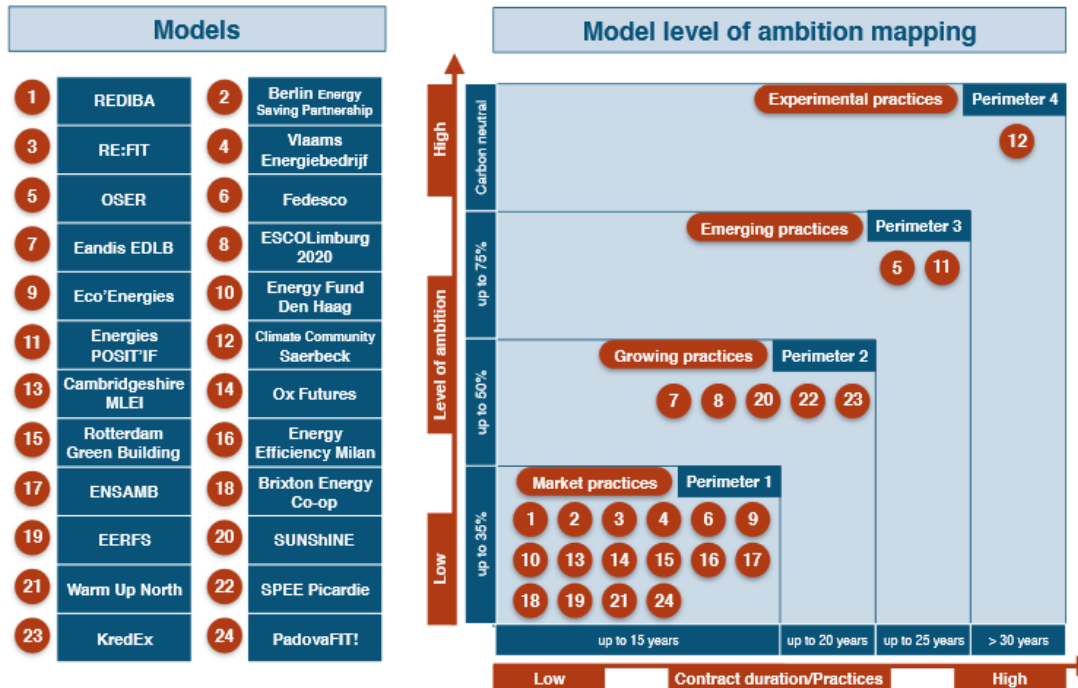
[Download the report from the CITYinvest website](#)

Increasing capacities in cities for innovating financing in energy efficiency



Comparison of the models

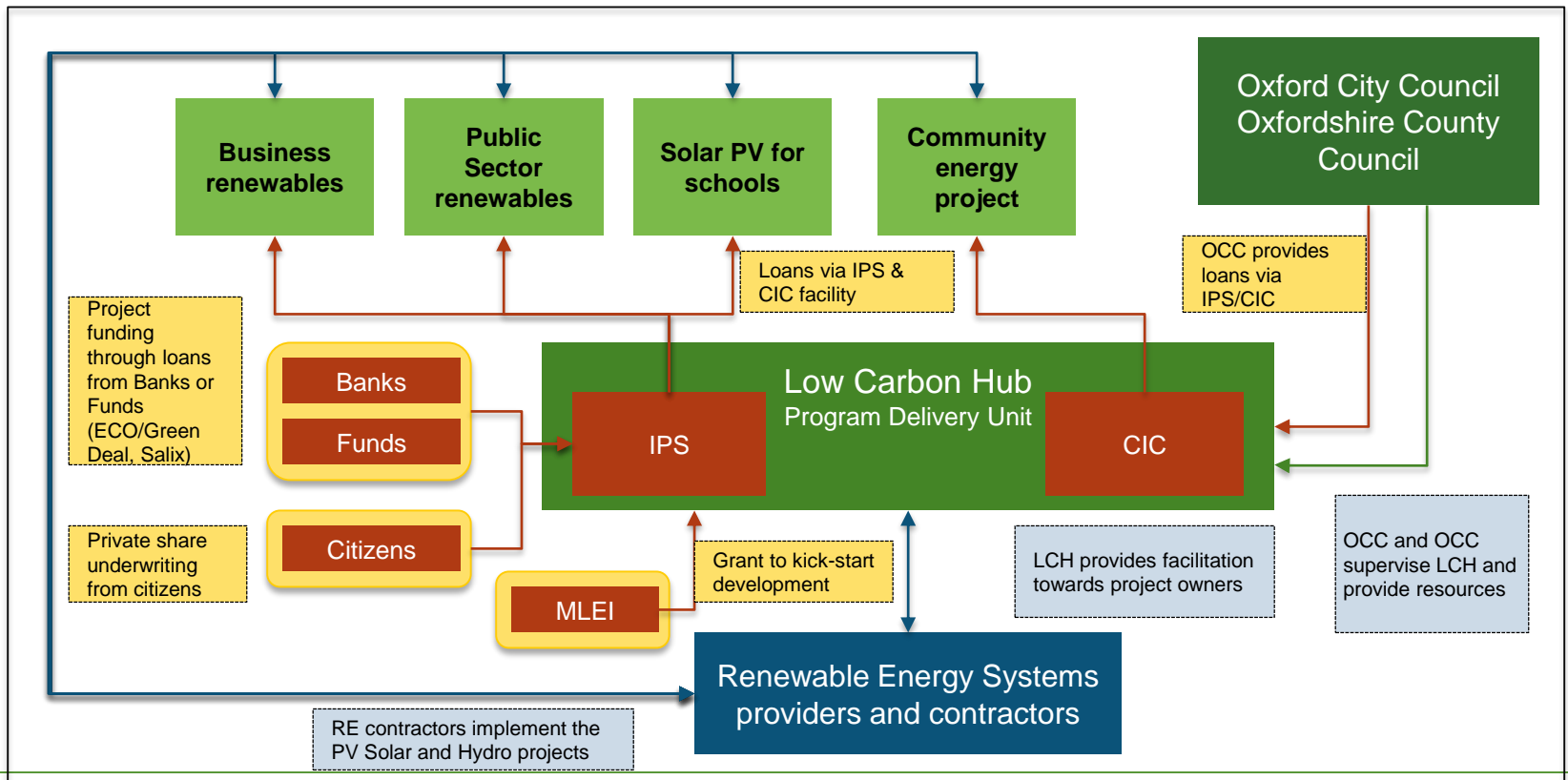
Fig. 4. Model level of ambition mapping



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Models in details – examples



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Strategic planning and action plan

Key questions to address

Beneficiaries	Comments
Who will be the beneficiaries of the program?	
How many beneficiaries are there and what is their potential in terms of number and size of projects?	
What is the estimated investment need to finance the beneficiaries projects (depending of the level of ambition)?	
Are the potential and investment needs addressable within the program?	

Type of projects	Comments
What type of projects are addressed?	
What will be the skills and competencies requirements to realize the type of projects addressed?	
Are experienced ESCOs, contractors and/or suppliers available to realize that type of projects?	

Level of ambition	Comments
What will be the level of ambition of the project?	
Is it coherent with the beneficiaries potential and capabilities?	
Are beneficiaries able or willing to contract on a long to very long term?	
Is the level of ambition addressable within the program?	

Capacity-building materials

“Recommendations Decision Matrix”

a set of questions, which help to choose the most suitable financing and operational energy retrofits model.

	A	B	C	D
1	Recommendations matrix: aggregation model			
2	Aggregation			
3	Questions	Answers	Check	
4	Are project investment amounts too small to be handled separately?	Yes	<input type="checkbox"/>	
5	Are relative transaction costs too high for projects to be handled separately?	Yes	<input type="checkbox"/>	
6	Is the number of projects too high to be handled individually?	Yes	<input type="checkbox"/>	
7	Is there a risk that less bankable projects (e.g. perception of high risk) do not get financed?	Yes	<input type="checkbox"/>	
8	Is there an opportunity to bundle projects according to their typology?	Yes	<input type="checkbox"/>	
9	Is there a risk that the size of projects are below the threshold that third parties are willing to finance on a case-by-case basis?	Yes	<input type="checkbox"/>	
10	Number of checks		<input type="text" value="0"/>	
11				
12				
13				
14				
User manual Operational models Aggregation model Financing models				

There are 3 areas of recommendation:

- Operational model: Facilitation or Integration
- Aggregation model, as add-on onto the operational model
- Financing model: Own Funds, FI Financing, ESCO Financing, PDU Financing, Investment fund, Citizens Financing

For each area, the user should answer the questions and check the box with the number "1". The model with the majority of checks is likely to be an adequate choice.



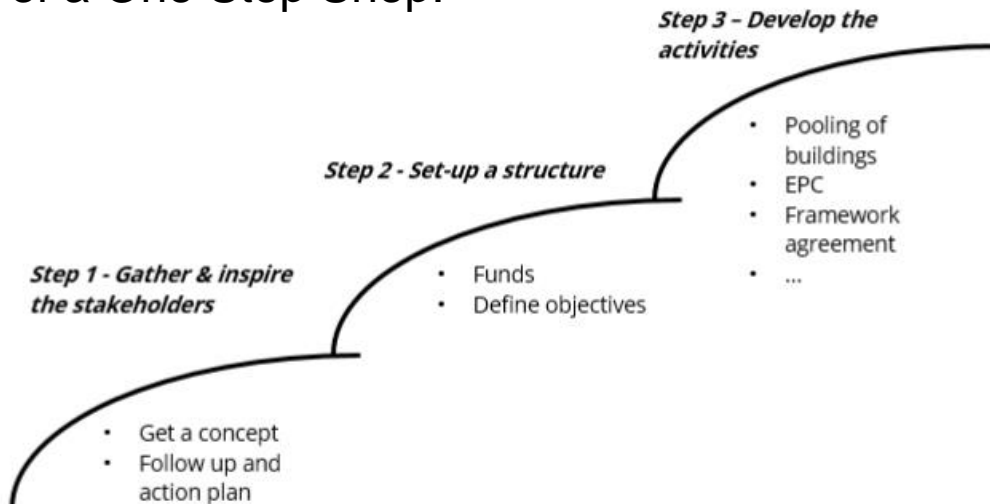
[Download the matrix](#)

Capacity-building materials

“A guide for the launch of a One Stop Shop on energy retrofiting”

guidance for private and public actors on how to start an energy retrofiting project based on the experience of RenoWatt (Belgium).

The toolkit is divided into 3 parts, representing the 3 basic steps for the launch of a One Stop Shop:



[Download the toolkit](#)

www.CITYinvest.eu

- ✓ Good practices examples
- ✓ Resources library: toolkits and guides
- ✓ Events and workshops
- ✓ Follow-up of this workshop
- ✓ Links with like-minded projects
- ✓ Newsletter
- ✓ FAQs
- ✓ and more...



Your feedback is important

Pen-and-paper evaluation form



Inovātievi finanšu mehānismi energoefektivitātes projektiem Latvijā CITYinvest seminārs - Rīgā, 23.02.2016 novērtējuma anketa

Exploring innovative financing in energy retrofits in Latvia - CITYinvest seminar, Riga, 23.02.2016 evaluation form

English below

Vai šis seminārs bija noderīgs Jūsu darbam un zināšanu papildināšanai?

Cik noderīga bija CITYinvest semināra sniegta informācija par dažādiem ēku energoefektivitātes un atjaunošanas projektu finansēšanas veidiem, kurus iespējams veiksmīgi ieviest vietējās pašvaldības?			
1 Nenoderīga	2 Drīzāk nenoderīga	3 Drīzāk noderīga	4 Ļoti noderīga
Cik noderīga bija CITYinvest semināra sniegta informācija par Latvijā jau esošajiem instrumentiem ēku energoefektivitātes un atjaunošanas projektu finansēšanai?			
1 Nenoderīga	2 Drīzāk nenoderīga	3 Drīzāk noderīga	4 Ļoti noderīga
Cik noderīga bija CITYinvest semināra sniegta informācija par šķēršļiem, kas kavē inovatīvu finansēšanas instrumentu ieviešanu Latvijā un šo šķēršļu pārvarēšanas iespējām?			
1 Nenoderīga	2 Drīzāk nenoderīga	3 Drīzāk noderīga	4 Ļoti noderīga
Vai Jūs pēc CITYinvest semināra iegūtat informāciju, kas ļautu izstrādāt inovatīvus finansēšanas instrumentus ēku energoefektivitātes un atjaunošanas projektu īstenošanai?			
1 Nav intereses	2 Drīzāk neinteresēts/a	3 Drīzāk interesēts/a	4 Ļoti interesēts/a
Vai pēc CITYinvest semināra Jūs zināt, kā uzskārt izmantojot inovatīvus finansēšanas instrumentus ēku energoefektivitātes un atjaunošanas projektu īstenošanai?			
1 Nav intereses	2 Drīzāk neinteresēts/a	3 Drīzāk interesēts/a	4 Ļoti interesēts/a
Vai jums jau ir ideja par konkrētu projektu, kuru pēc šī semināra Jūs gribētu īstenot?			
Jā		Nē	

1 | Page



Event page – follow up and possibility to give additional feedback



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Exploring innovative financing in energy retrofits in Latvia – Inovātievi finanšu mehānismi energoefektivitātes projektiem Latvijā

Date: 23.02.2016 (All day)
Location: Rīga

EV Local Language

Inovātievi finanšu mehānismi energoefektivitātes projektiem Latvijā

Inovātievi finansēšanas modeļi var palīdzēt pārvaldīt būvniecības izmaksas un atjaunošanas projektus un veicināt vietējo ekonomikas attīstību.

Ēku renovācijas un atjaunošanas ir būtiska nozīme pilsētās un vidējajās Latvijā. Daudziem energoefektivitātes un atjaunošanas projektiem ir nepieciešami ES fondu (ES struktūrfondu, LIFE programmas, tālā tā ir iespējams) izstrādi un īstenošanu. Tādēļ ir būtiski veicināt savu apzinātību par pilsētās un vidējajās energoefektivitātes un atjaunošanas instrumentu ieviešanu Latvijā un šo šķēršļu pārvarēšanas iespējām.

CITYinvest semināra mērķis ir veicināt izpratni un informētību par inovatīvu finansēšanas modeļiem, demonstrēt iedomājamus labus prakses piemērus, identificēt esošos un potenciālos šķēršļus to ieviešanai, diskutēt par to risinājumiem Latvijā.

Seminārs aicinās piedalīties pilsētās un vidējajās energoefektivitātes, finanšu institūciju, investoru, politikas veidotāju veidā un reģionālā līmenī un citi interesenti (namu īpašnieki un apsaimniekotāji, atjaunošanas firmas, pilsētvaldību darbinieki, iedzīvotāji), kas vēlas stiprināt savas spējas.

Drīkst būt šīs programmas semināra darba kārtība.

Reģistrācija

Support Documents: [EV Agriods CITYinvest workshop Latvia 03.02.2016.pdf](#)
[EV Agriods uz 04.02.2016.pdf](#)

Do you have a specific project in mind which you would like to start developing after the workshop?

Yes
 No

If yes, could you briefly describe it?

Do you need any additional information on innovative financing for energy efficiency? What kind of information would you be interested in?

Do you have any other comments regarding the workshop?

Thank You

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