

A green silhouette of a city skyline is positioned at the bottom of the slide, spanning the entire width. The buildings are represented by various rectangular shapes of different heights and widths, creating a jagged horizon line.

Andy Deacon
Climate Alliance

Climate Alliance at EU level

- European municipalities in partnership with indigenous peoples – **taking local action** on global **climate change**
- 1.700 Members in 27 European countries



EU Policy on
Climate and
Energy

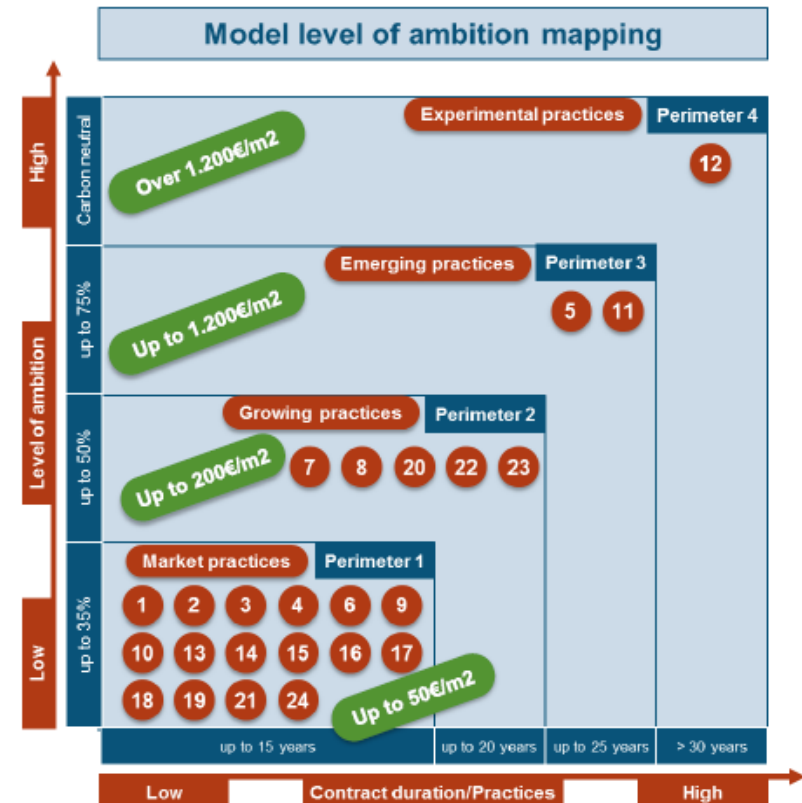


The need of Energy Efficiency Renovations

- Covenant of Mayors targets
 - **reduce CO₂ emissions by at least 40% by 2030**
- Climate Alliance targets
 - **reduce CO₂ emissions by 10 % every 5 years**
- European building stock accounted for **40 %** of the European Union's greenhouse gas emissions

The need for Energy Efficiency Renovations

- **Building renovation has to do more**
 - Review of EPBD
 - Review of Article 7 EED
 - >> better inclusion of local authorities
- **Higher ambitions mean higher investments**
 - innovative financing models
 - >> CITYinvest



CITYinvest

Programme Framework Programme for Research & Innovation Horizon 2020

Duration 36 months – February 2015 - January 2018

Consortium



Climate Alliance



CITYinvest goal

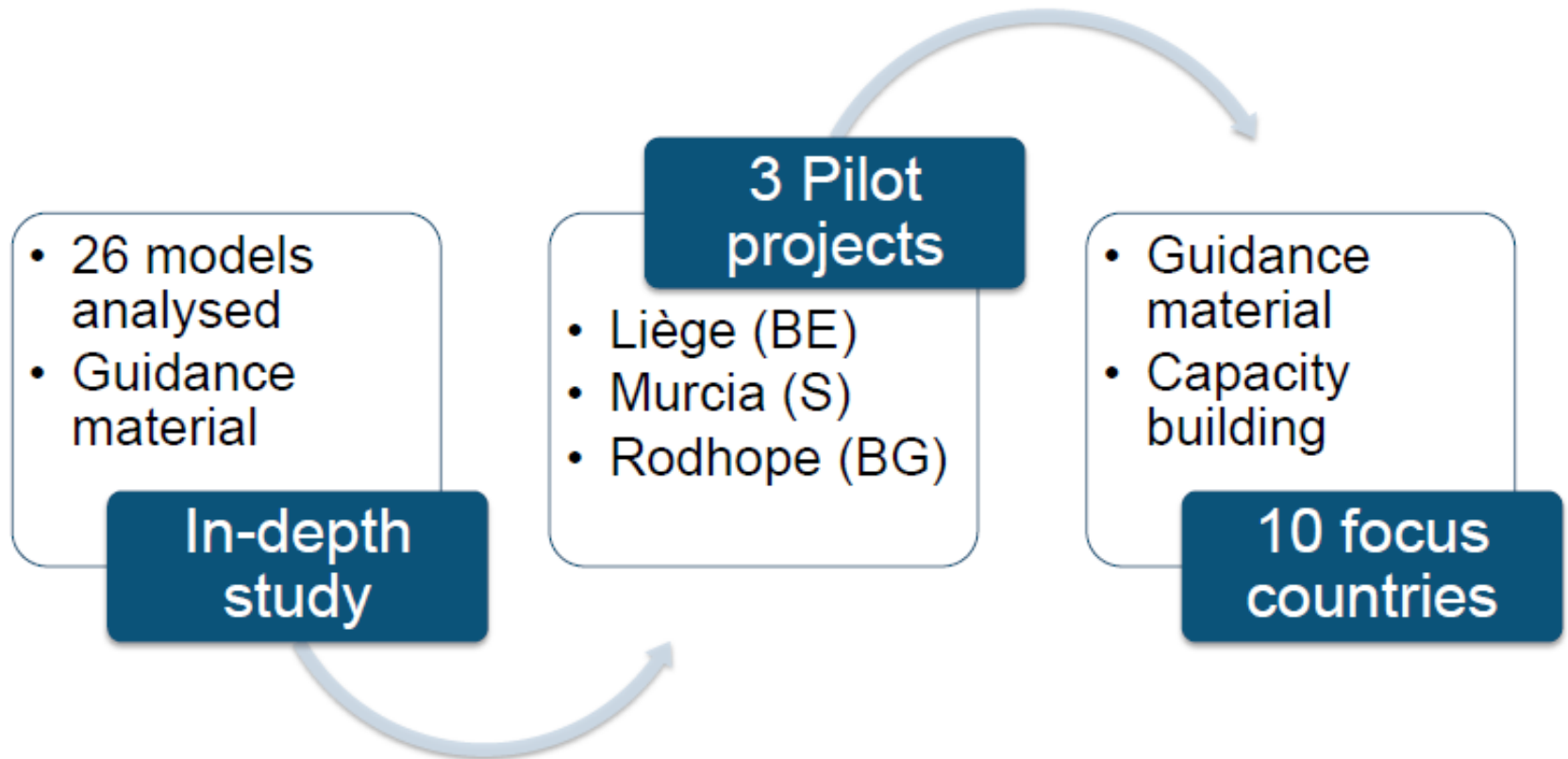
Main goal **supporting & replicating successful innovative financing models for energy efficiency renovations in buildings**

Innovative financing model

Mechanisms & instruments developed to provide **suitable financing** for large-scale and in-depth **energy efficiency renovations** in buildings. **Proven successful** and applied in several contexts but **not yet widely used**.

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

CITYinvest structure



CITYnvest tools overview



Recommendations Matrix

Programme 1010002020
Grant Agreement No 649730 — CITYnvest

This document is composed within Work Package 2, Task 4.4
'Contexts, transferability and framework for thinking about scheme design'
Developed by Energynvest
WP2 leader
2021-2028

Deliverable	2.6	Date Due	30/08/2025
Respective WP	2	State	FINAL
Project Start Date	1 February 2019	Distribution	Public
Project Duration	3 years		

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Increasing capacities in Cities for innovating financing in energy efficiency

A review of local authority innovative large scale retrofit financing and operational models

December 2015



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Translate:

Innovative Financing Models

Definitions

Implementation Model

- Any -

Operating Services

- Any -

Type of Project

- Any -

Ambition/Targets

- Any -

Who benefits from the project?

- Any -

Where does the money come from?

- Any -

Financial Instruments

- Any -

Scalability of the Model

- Any -

How mature is the model?

- Any -

Staff Requirements

Public

Vlaams Energiebedrijf

SPEE Picardie

Rotterdam Green Buildings

REDIBA

RE-FIT

OkFutures

CSER

KredEx

Fedesco

ESCOLUMBURG2020

ENSAMB

Energy Fund Den Haag

Energy Efficiency Milan
Government of Mayors

EEFIS

EcoEnergies

Public-Private

Warm Up North

PadovaFit

Energy Fund Den Haag

Energies POSITif

Community based
renewables- Saerbeck

BERLIN

Private

SUNSHINE

Community based
renewables- Saerbeck

Brixton Energy Co-op

Citizen

Community based
renewables- Saerbeck

Brixton Energy Co-op



Scheme Decision Map Barriers Tool

This barriers guidance tool of the CITYnvest project helps local authorities to overcome specific barriers when designing and implementing their energy efficiency renovation programmes. Common barriers range from low demand from building owners to limited staff resources in the local authority or a lack of Energy Service Companies on the market. Depending on the barrier a local authority faces, the tool before recommends specific actions and helps identifying reference models that have dealt with similar challenges.



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A guide for the launch of a One Stop Shop on energy retrofitting

Based on RenoWatt's experience in Liège



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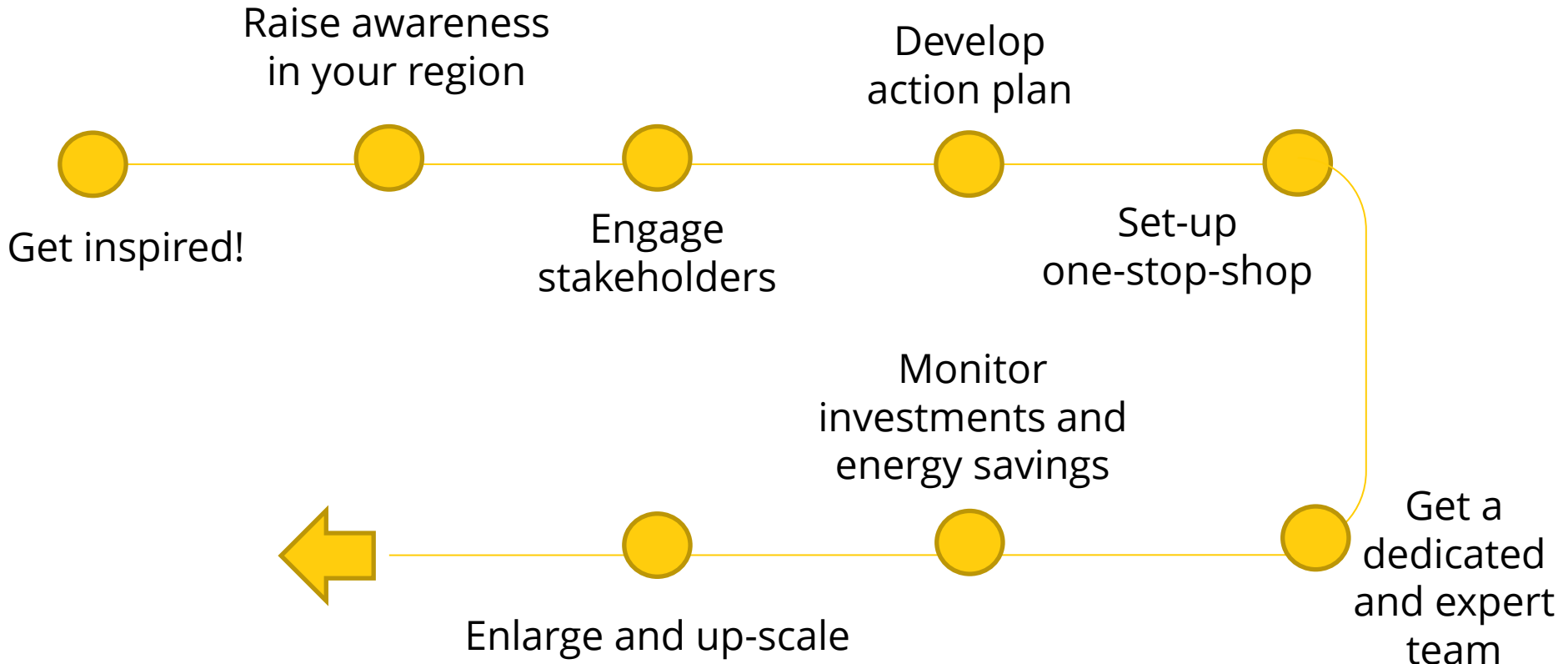


Strategic planning & action plan template

1. Decision mapping
2. Strategic analysis
 - a. Program Authority/Program Delivery Unit roles and functions
 - b. Beneficiaries, type of projects and level of "ambition"
 - c. Implementation model
 - d. Operating Services
 - e. Level of "aggregation"
 - f. Financing & Funding Vehicle
3. Choice - What are you proposing to do
4. Action plan for implementation



CITYinvest pilot regions process



CITYinvest Step-by-step guidance



Get inspired / learn from your peers

► <http://www.citynvest.eu/financing-models-matrix>



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Innovative Financing Models

Definitions

Implementation Model
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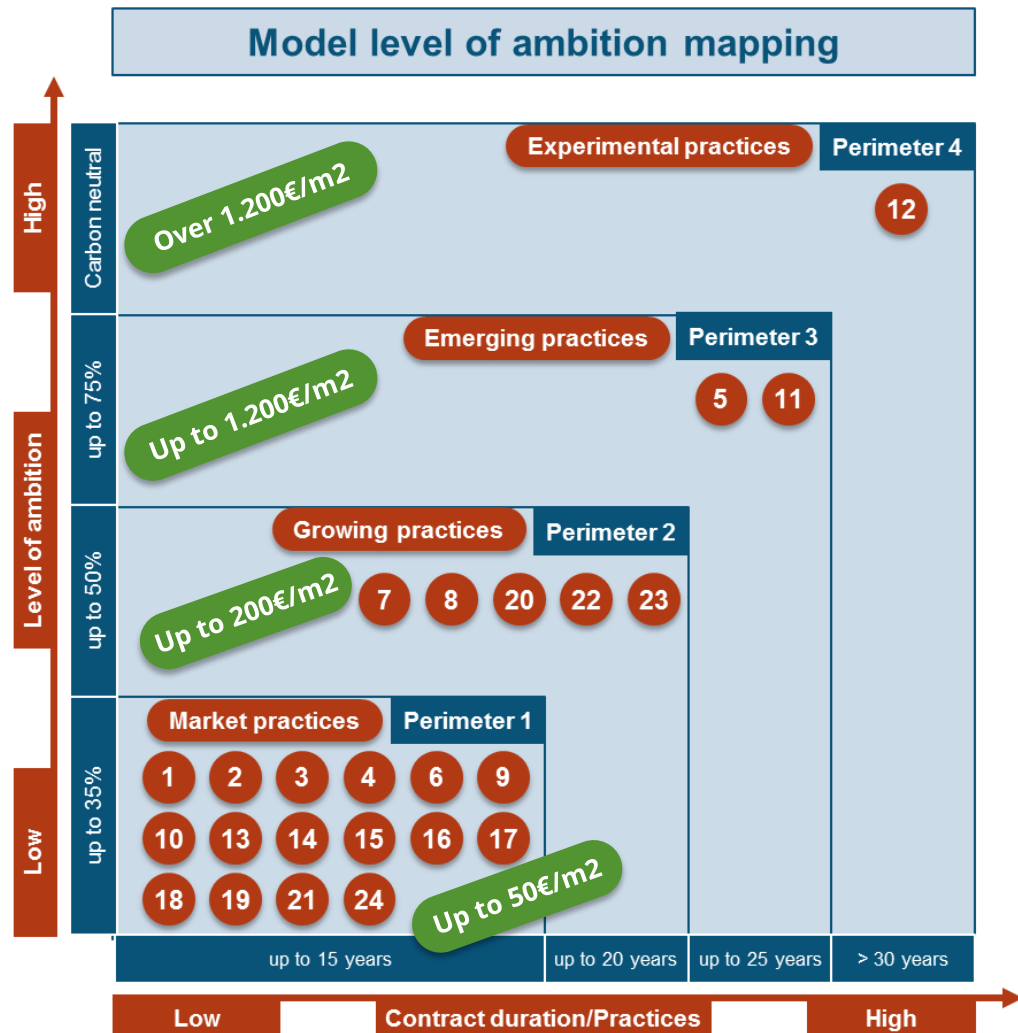
Who benefits from the project?
- Any - ▾

Where does the money come from?

Public	Public-Private	Private	Citizen
Vlaams Energiebedrijf	Warm Up North	SUNSHINE	PAJOPOWER
SPEE Picardie	PadovaFit!	PAJOPOWER	Cooperative case - ECOPOWER
Rotterdam Green Buildings	Energy Fund Den Haag	Cooperative case - ECOPOWER	Community based renewables- Saerbeck
REDIBA	Energies POSITIF	Community based renewables- Saerbeck	Brixton Energy Co-op
RE:FIT	EERFS	Brixton Energy Co-op	
OxFutures	Community based renewables- Saerbeck		
OSER	BERLIN		
KredEx			
Fedesco			

Get inspired / learn from your peers

Models			
1	REDIBA	2	Berlin Energy Saving Partnership
3	RE:FIT	4	Vlaams Energiebedrijf
5	OSER	6	Fedesco
7	Eandis EDLB	8	ESCOLimburg 2020
9	Eco'Energies	10	Energy Fund Den Haag
11	Energies POSIT'IF	12	Climate Community Saerbeck
13	Cambridgeshire MLEI	14	Ox Futures
15	Rotterdam Green Building	16	Energy Efficiency Milan
17	ENSAMB	18	Brixton Energy Co-op
19	EERFS	20	SUNSHINE
21	Warm Up North	22	SPEE Picardie
23	KredEx	24	PadovaFIT!



Thank You

Andy Deacon
Climate Alliance

Project coordinator :
g.piccolo@climatealliance.org



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