Online Mini Workshops on the Renovation Wave

The Ecosystem of the Renovation Wave: What policies and measures? What links to other EU Initiatives?

3rd of April 2020
09:45-10:30

EuroACE
The European Alliance of Companies for Energy Efficiency in Buildings

For more information:
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Instructions

• You are kindly asked to remain muted
• No cameras for the whole duration of the webinar
• Only speakers and moderator will stay unmuted
• A 20-25 minutes Q&A session will follow the presentation
• Ahead and during the Q&A session, questions will have to be sent to “Everyone” in the GoToMeeting chat box.
• Questions should be as concise as possible
• The moderator will group questions and then address them to the speakers
• If time does not allow to cover all questions, they will be forwarded to the speaker for later response
• The PowerPoint presentation and questions will be shared with you in due course
Introduction

Julie Kjestrup
President of EuroACE
Presentation by:

Céline Carré
EuroACE Vice-President and Head of EU Public Affairs at Saint-Gobain
EuroACE

- The European Alliance of Companies for Energy Efficiency in Buildings
- Formed in 1998 by Europe’s leading companies involved with the manufacture, distribution and installation of energy saving goods and services
- A business association working together with the European institutions to help Europe move towards an efficient use of energy in buildings (new and renovated)
** More than 200,000 employees & more than 900 production facilities and office locations in the EU **

Our specificity: our cross-sector representativeness
We represent all energy efficient technologies
>>> heating & cooling equipment, insulation, lighting, maintenance regimes and controls, ventilation equipment & windows
We believe that improving the energy efficiency of buildings, especially renovating existing buildings, is the most cost-effective method of

• Creating employment and securing economic growth
• Alleviating energy poverty on the long-term
• Providing people with comfortable and healthy homes
• Meeting carbon reduction targets
• Achieving energy security
- EU-wide political communications campaign
- Focuses exclusively on ambitious energy renovation of the building stock, motivating EU and national institutions to take action
- 38 partners, including 14 at national level
- High political support with the Champions Together for Renovation

#PrioritisePeople
#AccelerateRenovation
Showcasing best practices...

• All information about exhibition available at https://www.renovate-europe.eu/reday/reday-2019/online-resources/

• Financing programmes
  ✓ Public-Private Partnerships (Slovenia)
  ✓ RENESCO Project (Latvia)
  ✓ KredEx Programme (Estonia)
Today’s discussion

The Ecosystem of the Renovation Wave: What policies and measures? What links to other EU Initiatives?

1) What do we know about the Renovation Wave?
2) What about “ecosystems”?
3) How the Renovation Wave can help create the missing links in our renovation ecosystem
Renovation Wave: what for?

To address the twin challenge of energy efficiency and affordability, the EU and the Member States should engage in a ‘renovation wave’ of public and private buildings. While increasing renovation rates is a challenge, renovation lowers energy bills, and can reduce energy poverty. It can also boost the construction sector and is an opportunity to support SMEs and local jobs.
Renovation wave: What we know so far?

Better energy performance of buildings

- Prices of different energy sources should incentivize energy-efficient buildings
- Design of buildings should be in line with the circular economy
- Increased digitalization
- More climate-proofing of buildings
- Strict enforcement of rules on energy performance of buildings

New renovation initiative in 2020

The Commission will launch an open platform bringing together the buildings and construction sector, architects and engineers and local authorities to:

- Develop innovative financing possibilities
- Promote energy efficiency investments in buildings
- Pool renovation efforts into large blocks to benefit from economies of scale
What about ecosystems?

An ecosystem* is a large community of living organisms (plants, animals and microbes) in a particular area. The living and physical components are linked together through nutrient cycles and energy flows. (…)

Each ecosystem has its own community. An aquarium community, for example, can have small fish and other organisms. (…)

Ecosystems are stable, but not rigid. They react to major changes in the environment (…).

*From wikipedia
Building Renovation: a functioning ecosystem?

Non-exhaustive matrix showing different levers for energy renovation in EU
Are the right links & connexions in place?

Non exhaustive matrix showing different levers for energy renovation in EU
The Renovation Wave can help create **enabling links**: 

- **#1**: Aligning ambitions
- **#2**: Driving scalability
- **#3**: Driving demand
- **#4**: Integrating skills
Enabling link #1 : Aligning ambitions

- EED : 2030 EE non-binging target (32,5%)
- EPBD : 2050 nZEB ambition
- Long Term Renovation Strategies (3rd edition)
- Major renovations - limitative concept ?
- Cost-optimality - relevance?
- Incentive based system in all EU countries - enough?

- 2030 adequate and binding target for EE
- Relevant discount rate
- Building’s contribution to EE 2030 & 2050 GHG goals
- 2030 + 2040 milestones clear and binding (LTRS)
- Continuity of policies
- All renovations 2050 compatible
- Finance to reward EE ambition
- Minimum EE standards
Enabling link #2: Driving scalability

- Cost-effective policies and programmes (LTRS)
- List of financing schemes (e.g. JRC - EEFIG)
- H2020 / LIFE programmes with numerous learnings
- City-led approaches

BUT:
- What about replicability?
- What about integration into policy-making?

- Digital mapping - 21st C. use of buildings data
- Systematic approach on segment & area
- Per segment:
  - milestones & indicators incl. market preparedness, value chain mobilisation
  - « carrots » & « sticks »
- Upscaling recipes
- EU Open Platform to close gaps, e.g. activate impactful best-practice sharing
Enabling link #3 : Driving demand

• Comfort & health as biggest drivers (!)
• Awareness via EPCs
• Incentives - but uptake ?
• EU funding programmes - (but absorption issues)
• One-stop-shops / packaging renovation (admin, technical, fin.)
• Some experiences w/ prefab (Energiesprong)
• City-led programmes

• Targets per segments
• Trigger points in place
• Building renovation passports implemented
• Minimum energy performance standards
• Coordinating functions (maîtrise d’œuvre) for all renovation projects
• Project bundling capacity to catalyse finance
Enabling link #4 : Integrating skills

- Solutions for energy renovation exists
- BuildUp skills - nZEB programmes
- Most renovations are step by step
- Deep renovation 0,2%
- Issues with:
  - skills gaps & shortages
  - project management,
  - multi-disciplinarity

- Climate & EE1 covered in faculties
- Attractive apprenticeships
- Training all along value-chain - architects, engineers, consultants, ...
- Holistic approach for building renovation
- Digital agenda to support skills for Renovation Wave
- Just Transition - Reskilling
- Integrate circularity
Conclusion

- Our European framework for renovation can become a truly functioning ecosystem
- Co-dependances between policies, tools, finance, market drivers and actors to be addressed
- The Renovation Wave can help create such mutually reinforcing, enabling links
Q&A Session

Please be patient while Hélène Sibileau reads your questions to the speaker
Conclusions

Julie Kjestrup
President of EuroACE
Thank You For Your Attention!

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