Implementing The Amended EPBD

EuroACE Webinar 1: Long-Term Renovation Strategies

12h00 – 13h15
8th November 2018

In partnership with the Build Up Platform
Introduction and Overview
(Chapter 1)

A Guide to the Implementation of The Amended EPBD
Céline Carre
President of EuroACE
The European Alliance of Companies for Energy Efficiency in Buildings

Synergies

300,000

> 1,400

Photos sourced from Norwegian Turkish Chamber of Commerce and SPS Commerce
Objectives of EuroACE

To Advocate for Ambitious EU Policies for Energy Efficiency in Buildings

To Bring Benefits to All Through Improved Performance of Buildings

To Increase the Market for the Products, Equipment and Services Offered by Our Member Companies
EU Regulatory Framework

Buildings Directive
Amended Directive Came Into Force in July 2018
Vision 2050; Long-term Renovation Strategies; Financing linked to improvement in performance; New tools: BRP and SRI

Energy Efficiency Directive
Amendments Agreed, not yet Formally Adopted
New 2030 Target 32.5%; Strengthened Article 7

Energy Union Framework
All five dimensions relevant to Energy Efficiency
Internal market; Energy security; Energy Efficiency; Decarbonisation of energy; Research and Innovation
Why a EuroACE Guide?

Set Out Our Views:
Followed the EPBD since its first steps
Share our knowledge and experience
Provide high-level recommendations (12 in all)

Inform and Motivate:
Member State officials
Other public stakeholders
Private actors and influencers

Source: EPIE Factsheet entitled 59% of buildings in the EU need to be upgraded
What Approach Did We Take?

Late 2017:
Identified the key aspects to cover

Jan-May 2018:
Prepared a draft text in consultation with members

May-June 2018:
Invited expert reviewers to comment

June 2018:
Launched public consultation in Warsaw

October 2018:
Finalised text from inputs

8th November:
Launch webinar!
Long-Term Renovation Strategies
(Chapter 2)

The Central Tool for Member States To Achieve Impact
Adrian Joyce
Secretary General of EuroACE
LTRS – What Has Changed?

Main Elements:
Each MS must prepare a LTRS in consultation with stakeholders
LTRS must lead to transformation of national building stock to nZEB level by 2050

LTRS must:
  Include milestones and measurable performance indicators
  Target worst-performing buildings
  Include actions on all public buildings
  Promote smart technologies
LTRS – What Has Changed?

Main Elements (contd):  
MS must undertake structured consultation of stakeholders  
MS have options to use *trigger points* and/or to introduce *building renovation passport* schemes  

MS must demonstrate how LTRS contributes to overall EE target set in the Energy Efficiency Directive
The LTRS will form a part of the National Energy and Climate Plans that the MS are required to prepare under the Governance Regulation for the Energy Union. By derogation, the first full LTRS must be submitted by the 10th March 2020.
Why is this Important?

Requirements on MS Increased
As compared to the earlier requirements under the Energy Efficiency Directive (Article 4)

The backbone of MS efforts to transform their building stock = real mobilisation for energy renovation across the EU

MUST engage with stakeholders in preparation and implementation phases of LTRS

MUST establish milestones and measurable progress indicators
Stakeholder Engagement – Impact on LTRS

Opportunity to correct earlier weaknesses

Deliver to Governments a 360° perspective

Greater upfront understanding of challenges to be addressed and sharing of lessons learnt

Enhanced preparedness and readiness for implementation in the market

Permits tailored actions for certain building typologies
Benefits of Ambitious Implementation

Comfort, health, well-being and productivity of occupants increased

Cost of energy bills reduced for all

Healthcare costs for governments fall

Economic activity boosted – estimated at 0.7% growth of GDP per year

Significant contribution to long-term energy and climate goals

LTRS = Long-Term Renovation Strategy
MS = Member State of the EU
nZEB = Nearly Zero-Energy Building
Ensuring LTRS Drive Energy Renovation

MS prepare robust and effective strategies with associated action plans

Ensure purposefully structured engagement of all stakeholders

Communicate constantly

Gather data on implementation and learn from experience to improve future revisions of LTRS

LTRS = Long-Term Renovation Strategy
MS = Member State of the EU
nZEB = Nearly Zero-Energy Building
Thank You for Your Attention!

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Focus on long-term renovation strategies

A MAJOR INSTRUMENT FOR RENOVATION IN THE EU

1. LTRS – a comprehensive strategy
2. Links with other EPBD Articles
3. Political Agreement on the Governance Regulation
4. Commission Guidance Documents
5. Stakeholders
Clean Energy for All Europeans Package (30/11/2016)

The Right Regulatory Framework for Post-2020

- **Energy Efficiency Directive**
  - Binding 30% energy efficiency target for 2030;

- **Ecodesign Working Plan 2016-2019**
  - List of new product groups;
  - Contribution to circular economy objectives;

- **Energy Performance of Buildings**
  - Supportive of renovation;
  - Smarter – ICT, smart buildings;
  - Simpler;

- **Energy Union Governance**


- **Renewables** (Revised Renewable Energy Directive)

- **New Electricity Market Design** (including Risk Preparedness)

- **Energy prices and costs report**
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A MAJOR INSTRUMENT FOR RENOVATION IN THE EU

Long Term Renovation Strategies (LTRS) – Article 2a

Comprehensive strategies aiming at a

- A highly efficient and decarbonised building stock by 2050
- Cost-effective transformation of existing buildings into nearly zero-energy buildings.

Access to mechanisms which mobilise investment

Roadmap with measures, measurable progress indicators and indicative milestones for 2030, 2040 and 2050 and contribution to EU targets.

Public consultation prior to submission and during implementation
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Content of LTRS enriched with additional elements

- Looking at trigger points in the life-cycle of the building when identifying cost-effective approaches to renovation;
- Supporting targeted cost-effective measures, e.g. by introducing an optional scheme for building renovation passports;
- Targeting the worst performing segments of the national building stock, split-incentive dilemmas, and market failures, and contributing to the alleviation of energy poverty;
- Promoting smart technologies and skills and education in the construction and energy efficiency sectors;
- Estimate of expected energy savings and wider benefits, e.g. related to health, safety and air quality.
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A MAJOR INSTRUMENT FOR RENOVATION IN THE EU

MS to facilitate access to mechanisms to support mobilisation of investment

- a) aggregation of projects,
- b) reduction of the perceived risk
- c) use of public funding
- d) guiding investments into energy efficient public building stock
- e) advisory tools

Smart Finance for Smart Building Initiative aims at unlocking investments and private financing through:

- Aggregation of projects
- De-risking
- Effective use of public funding

CLEAN ENERGY FOR ALL EUROPEANS
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A MAJOR INSTRUMENT FOR RENOVATION IN THE EU

Links with other Articles of the EPBD

- Article 10 – linking financial incentives & energy efficiency improvements
- Article 20 – information to building owners/tenants
  - Cost-effective measures to improve energy performance of the building
  - Financial instruments
- Article 19a – feasibility study on optional building renovation passport
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EPBD
Long Term Renovation Strategies (LTRS)

✓ LTRS part of final Integrated national energy and climate plans


Political Agreement on the Governance Regulation
Integrated national energy and climate plans (NECP)

✓ Draft NECP – 31 Dec. 2018

✓ Final NECP – 31 Dec. 2019

✓ Draft and Final Integrated national energy and climate plans include:
  • Indicative milestones
  • Domestically established measurable progress indicators
  • Evidence-based estimate of expected energy savings and wider benefits
  • Contributions to Union's energy efficiency targets.
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Commission Guidance Documents

- Tool to assist MS in transposition (deadline of 10 March 2020)
- Implementation
- Not legally binding for Member States
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Role for Stakeholders

- Essential partners at national level
- Valuable technical knowledge and expertise
- Actively participate in formulation (public consultation, guidance, …)
- Engage and contribute to implementation
Thank you!

Buildings & Finance
Energy Efficiency Unit
DG ENER, European Commission

IMAGINE...
A built environment that enables a high quality of life for all
You can’t throw birds in a straight line...
WorldGBC

- A global network of Green Building Councils in 70 countries
- 49,000 members
- Organised to take local > regional > global action
Social innovation in renovation strategies

1. You can’t throw birds in straight lines!
2. WHO - You can’t manage what you don’t measure
3. WHAT - We need to track collective progress and impact
4. HOW - How to create communities to implement strategy
The ‘WHO’

You can’t manage what you don’t measure...
Who needs to be around the table?

- Central Government
- Local Government
- Other Public
- Financial Services
- Building Users (Non-domestic)
- Construction Business
- Energy Sector
- Research & Academia
- Media
- NGOs & Think Tanks
- Building Users (Domestic)
- Unusual Suspects
Identifying the network of key actors
Understanding their goals
Redefining “influence”

World Green Building Council

European Mortgage Federation

European Association for People Management
Measuring the quality of collaboration
Measuring the quality of collaboration

- The quality of cross-sector collaboration impacts results / solutions
- Structured cross-sector platforms are needed, but require significant investment to run well
- You can’t manage what you don’t measure!

Breakdown of 2,000+ orgs participating in WorldGBC’s Build Upon Project
Who are the ‘unusual suspects’ who *could* have influence *if* we invited them to the table?
The ‘WHAT’
How we build a community of solutions
Moving from barriers to solutions

- We were tired of complex discussions about market barriers that didn’t solve anything
- We were tired of reports about initiatives that were out of date
- So we created an interactive portal that maps nearly 800 initiatives tackling barriers
Maps by country and market barrier

Simplifies into 5 categories:

- Awareness raising
- Skills & capacity building
- Finance & economic
- Policy & regulatory
- Organisational & administrative

Provides organisational contacts to help connect with great ideas
Often 50-100 major initiatives tackling market barriers per country

Less than 5% publicly reporting progress / impact. Impossible to identify ‘best practice’ by real impacts

No strategy to coordinate and scale all this resource... **Would you employ 100 staff that didn’t report or coordinate?**
Developing an ‘Impact Framework’
“In its long-term renovation strategy, each Member State shall set out a roadmap with measures and domestically established measurable progress indicators … in order to ensure a highly energy efficient and decarbonised national building stock and in order to facilitate the cost-effective transformation of existing buildings into nearly zero-energy buildings.”
Developing an ‘Impact Framework’

1. Defining measurable COLLECTIVE impact / progress indicators

2. Capturing impact / progress ACROSS areas

3. Generate LEARNING on what is effective and where gaps are
The “HOW”
How to create communities to *implement* strategy
Stakeholder Involvement in Policy Design Process

Typical Range

INFORMING
LISTENING
DISCUSSING
ENGAGING

Goal

PARTNERING
“Commonly people focus on technical physical science solutions and organising events. They commonly fail to appreciate the core work of creating processes that bring together diverse people to be productive as a network that spurs development and implementation of solutions.”

Steve Waddell
What did that process look like?

- Led by ‘Change Leaders’
- 6-10 large cross-sector events in the capitals and across major cities and regions
- Breaking down issues by building typology and market barrier
- Each event building on the next and building a powerful community and common mission
CO-CREATING AN AMBITIOUS NATIONAL RENOVATION STRATEGY

BUILD UPON CONSULTATION PROCESS APRIL 2013 - FEBRUARY

14 WORKSHOPS 190 KEY STAKEHOLDERS

A FULLY DECARBONISED BUILT ENVIRONMENT

A DECLARATION OF 10 POINTS

A COMMUNITY OF STAKEHOLDERS

A COMMUNITY THAT WORKS TOGETHER

A VISION

PLANTING SEEDS FLOWERING IDEAS HARVESTING

APRIL 2015 FEB 2017
Thank you!

www.buildupon.eu

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- A community of 23 GBCs, 8 Regional Partners and over 4,600 members
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