"Making the renovation wave happen through the new Energy Performance of Buildings Directive"

12/04/2022 10:30-13:00

EnR views and proposals on the directive

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The current presentation doesn’t necessarily mean a formal position of all EnR members
EnR - European Energy Network

- **Voluntary network** established in 1990.
- Gathers **24 national energy agencies in Europe**.
- **Promotion of EE and RE policies**, programs and national or European initiatives.

EnR Troika Plus 2022
General remarks


2. Buildings are a key sector to the EU decarbonization. Deploying highly efficient new buildings and renovating the existing ones is a complex but necessary task.

3. The multiple benefits that arise from energy efficiency measures are multiple and long lasting, from energy and costs savings, energy security and independency, improved quality of life and well-being, health, productivity of occupants, among others for families, enterprises and governments.

4. Energy agencies can play an important role in supporting the whole building transformation due to their intersectoral and multidisciplinary expertise, impartiality, capacity and capillarity and support at local and national level.
Specific remarks

Zero Energy Buildings (ZEB)

- The EnR welcomes this new standard as a target for new buildings starting 2027/2030 and an aim for whole by 2050.
- As ZEB are buildings with zero carbon emissions from fossil fuels it's important to guarantee that the (low) renewable energy consumed can clearly be sourced locally, from district or the grid considering the diversity of systems from each MS and aligned with local storage systems when need.

EnR ➔ Energy systems perspective specifically on centralized vs decentralized renewable elec. production

LTRS to NBRP

- Building on the existing LTRS to NBRP with a harmonized template is an added value and welcomed.
- Clear links with MEPS and ZEB make it easier to understand approaches my MS and “compare” NBRP.
- EnR welcomes an updated guideline from the EC to support NBRP
- NBRP – starting point for more long-term political decisions promoting an increased renovation rate and energy efficiency in existing buildings (political processes differ in MS' that might constitute obstacles)

EnR ➔ Energy agencies are involved and supporting the implementation and monitoring of LTRS
Cost-Optimal calculations update

- The EnR welcomes an **updated methodology** where **not only energy and emission** are considered but also “**environmental and health externalities of energy use, and disposal waste management costs, where applicable**”

- The EnR welcomes a **revised framework from the EC by 30/June/2026**

**EnR ➔ Energy agencies support National Authorities with data and expertise developing national cost-optimal calculations**

**Minimum Energy Performance Standards (MEPS)**

- The EnR welcomes the **introduction of MEPS**. Starting with the **worst performing (F and G)** is a good approach.

- The necessary **support is need** (awareness, technical and financial is key to achieve good implementation).

- Some **flexibility will be needed** within MS’ as to timeframe and included buildings.

**EnR ➔ Awareness, technical and financial support are among the most relevant actions developed by energy agencies**

**Infrastructure for sustainable mobility**

- **Recognizing the role of EVs in buildings, smart charging** and, where appropriate, **bidirectional charging** could open future services for homeowners and companies.

- **Reenforcing the EV charging points infrastructure** is positive.

- “**Ready to plug**” will meet **legal challenges** in some MS, where charging stations cannot be installed as easily
Smart Readiness Indicator (SRi)

- SRi could be an opportunity to incentivize digitalization and smart services in buildings, and emphasizes buildings as a part of the energy system and the possibilities of flexibility.
- It’s prudent to make it mandatory for only for big non-residential and incentivize synergies with the issuing of an EPC to reduce cost and extra burden.

Building Automation and Control (BAC)

- Recognize the relevance of BAC in managing energy in buildings and promote savings.
- Reducing the 290kW threshold to 70kW should be carefully evaluated and allow buildings to be exempted if not feasible or cost-effective.

Energy Performance Certificates (EPC)

- +60% MS have already A-G scales.
- Harmonizing label scales (and not PE limits, which differ by MS) is positive but will introduce extra burden is MS that rely on other scales. Nevertheless, this is a good alignment for MEPS

EnR ➔ Many energy agencies manage the EPC schemes or have direct support to it nationally.

Renovation passport (RP)

- Important tool to complement the EPC. RP can play a role of improving the EPC recommendations.
- Delegated act - Necessary flexibility between the complementarity or integration of RP intro EPCs

EnR ➔ Agencies will support scheme deploy. Some involved in Horizon projects dealing with RP
Disclosure of the Global Warming Potential (GWP)

✓ The EnR welcomes the introduction of this indicator as a further looking into the lifecycle of buildings. Invites the EC to provide further guidance on its calculation.

Data exchange and Databases for EPCs

✓ The EnR welcomes further exploitation of data. The EPC DB have huge amounts of data than can support policies and the market.

✓ Making EPC and its data widely available (homeowners, managers, tenants and 3rd parties, when authorized) is welcomed. Data available both individual and aggregated is need to support different needs.

✓ Furthers guidance on interoperability and transfer to the BSO is welcomed.

Financial incentives and market barriers

✓ Key provision to enable building stock transformation.

✓ Technical assistance, awareness, different funding and tools are needed.

✓ Linking financial measures with energy performance is a good approach.

✓ EPC and BP are good tools to guide and validate investments

EnR ➔ Energy agencies have experience in providing technical assistance to several stakeholders. Some energy agencies directly manage financial schemes
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Thank you

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