

# Energy Efficiency in Buildings: recent developments

FIEC 2022 Conference and General Assembly  
Limassol  
13/5/22

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**ΥΠΟΥΡΓΕΙΟ ΕΝΕΡΓΕΙΑΣ  
ΕΜΠΟΡΙΟΥ ΚΑΙ ΒΙΟΜΗΧΑΝΙΑΣ**





## Key interlinkages with other “Fit for 55” proposals

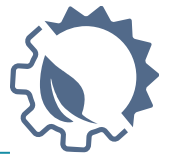






- Member States shall ensure that from the following dates, new buildings are zero-emission buildings in accordance with Annex III:
  - (a) as of 1 January 2027, new buildings occupied or owned by public authorities; and
  - (b) as of 1 January 2030, all new buildings;
- ‘zero-emission building’ means a building with a very high energy performance, as determined in accordance with Annex I, requiring zero or a very low amount of energy, producing zero on-site carbon emissions from fossil fuels and producing zero or a very low amount of operational greenhouse gas emissions





Member States shall ensure that the life-cycle Global Warming Potential (GWP) is calculated in accordance with Annex III and disclosed through the energy performance certificate of the building:

(a) as of 1 January 2027, for all new buildings with a useful floor area larger than 2000 square meters; and

(b) as of 1 January 2030, for all new buildings

<https://audiovisual.ec.europa.eu/en/video/I-209826?&lg=EN>





- National Building Renovation Plans
- Minimum Energy Performance Standards
- Energy Performance Certificates
- Renovation passports for individual buildings





# INFRASTRUCTURE FOR SUSTAINABLE MOBILITY



- Requirements for new buildings and buildings that undergo major renovation
- Requirements for all non-residential buildings with more than twenty parking spaces and for buildings owned or occupied by public authorities
- Right to plug
- Smart charging



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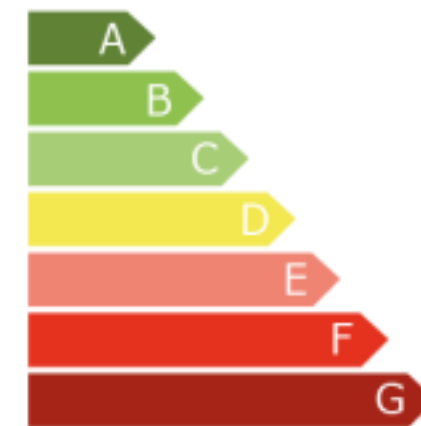
# SMART READINESS INDICATOR (SRI)



## LINKING TO THE EPBD & OTHER POLICIES



The SRI will supplement the instruments implemented under the current EPBD



The SRI in particular ensures the link with the Digital Single Market (DSM) Policy



## CONCEPT - SMART READINESS INDICATOR - SRI

Measure the technological readiness of your building



**1** Readiness to adapt in response to the needs of the occupant



**2** Readiness to facilitate maintenance and efficient operation



**3** Readiness to adapt in response to the situation of the energy grid



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## ***Renovation***

- National Building Renovation Plans
- Minimum Energy Performance Standards
- Energy Performance Certificates
- Renovation passports for individual buildings

## ***Decarbonisation***

- Zero-emission buildings as new standard for new buildings and 2050 vision for building stock
- Consideration of whole life cycle carbon
- Phasing out of incentives for fossil fuels and new legal basis for national bans

## ***Modernisation & system integration***

- Infrastructure for sustainable mobility
- EPC digitalisation & databases
- Smart Readiness Indicator

## ***Financing***

- Public and private financing & technical assistance
- Deep renovation standard
- Priority to vulnerable households and people affected by energy poverty





*Thank you*



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