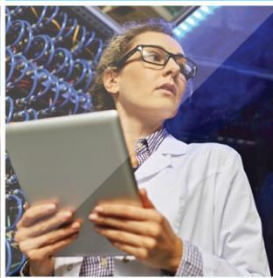




European
Commission



Smart Readiness Indicator (SRI) Concept and Process

Buildings team - Unit Energy Efficiency
DG ENERGY, European Commission



Energy Union Governance



Energy Efficiency

(Energy Efficiency Directive, European Performance of Buildings Directive)



Renewables

(Revised Renewable Energy Directive)



New Electricity Market Design

(including Risk Preparedness)



Energy prices and costs report



Energy Efficiency Directive

- 32,5% energy efficiency target for 2030;



Energy Performance of Buildings

- Supportive of renovation;
- Smarter – ICT, smart buildings;
- Simpler;



Ecodesign Working Plan 2016-2019

- List of new product groups;
- Contribution to circular economy objectives;

REVISED Energy Performance of Buildings Directive

- ✓ Stronger **long term renovation strategies** for Member States, aiming at decarbonisation by 2050 and with a solid financial component.
- ✓ Requirements for the deployment of **e-mobility** infrastructure in certain buildings' car parks.
- ✓ A **smart readiness indicator (SRI)** for buildings
- ✓ Reinforcement of **building automation**: additional requirements on room temperature level controls, building automation and controls and enhanced consideration of typical operating conditions.
- ✓ Enhanced **transparency** of national building energy performance calculation methodologies.

SMART READINESS INDICATOR

MOTIVATION & SCOPE

- ✓ Rating based on assessment of building or building unit's capabilities to adapt to occupant and grid's needs and to improve EE and overall performance
- ✓ The SRI will:
 - **raise awareness** about the benefits of smart technologies in buildings,
 - **support and orient investments** in smart technologies
- ✓ The SRI can:
 - contribute to enhancing **energy efficiency**, **comfort** and **well-being** in buildings,
 - improve **policy linkages** with connected initiatives,
 - contribute to integration of buildings into future **energy systems** and **markets**
- ✓ The SRI will cover:
 - optimisation of **energy performance** and **operation**,
 - adaptation to **occupants' needs**, maintaining healthy indoor climate conditions
 - **flexibility** of a building's overall electricity demand

SMART READINESS INDICATOR

PROVISIONS & PROCESS

- ✓ “An optional common Union scheme for rating the smart readiness of buildings” (Article 8(10) amended EPBD)
- ✓ The indicator is **developed by the European Commission**, with support of **technical studies**:
 - 1st technical study: March 2017 – August 2018
 - 2nd technical study: started in December 2018
 - Adoption by mid-2020
- ✓ Extensive consultation of Member States and stakeholders
- ✓ Study website: <https://smartreadinessindicator.eu>
- ✓ Milestones:
 - Adoption by mid-2020
 - Test of draft methodology from September 2019 (based on inputs from the study – summer 2019)
 - Next stakeholder meeting 9 October 2019





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Thank you

Unit Energy Efficiency
DG ENERGY, European Commission

<https://ec.europa.eu/energy/en/topics/energy-efficiency/buildings>