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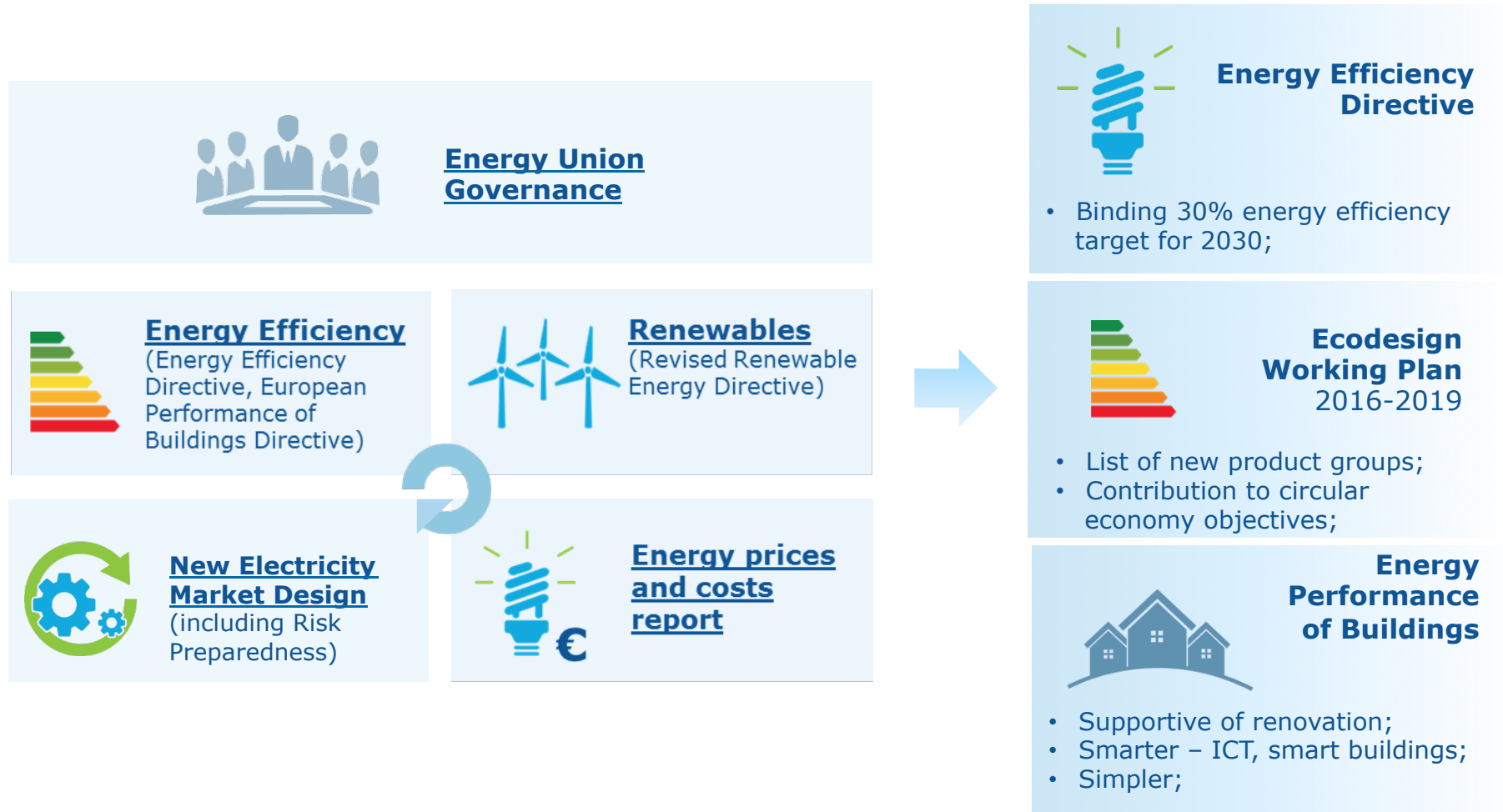
# Update on the new EPBD and development of the Smart Readiness Indicator (SRI)

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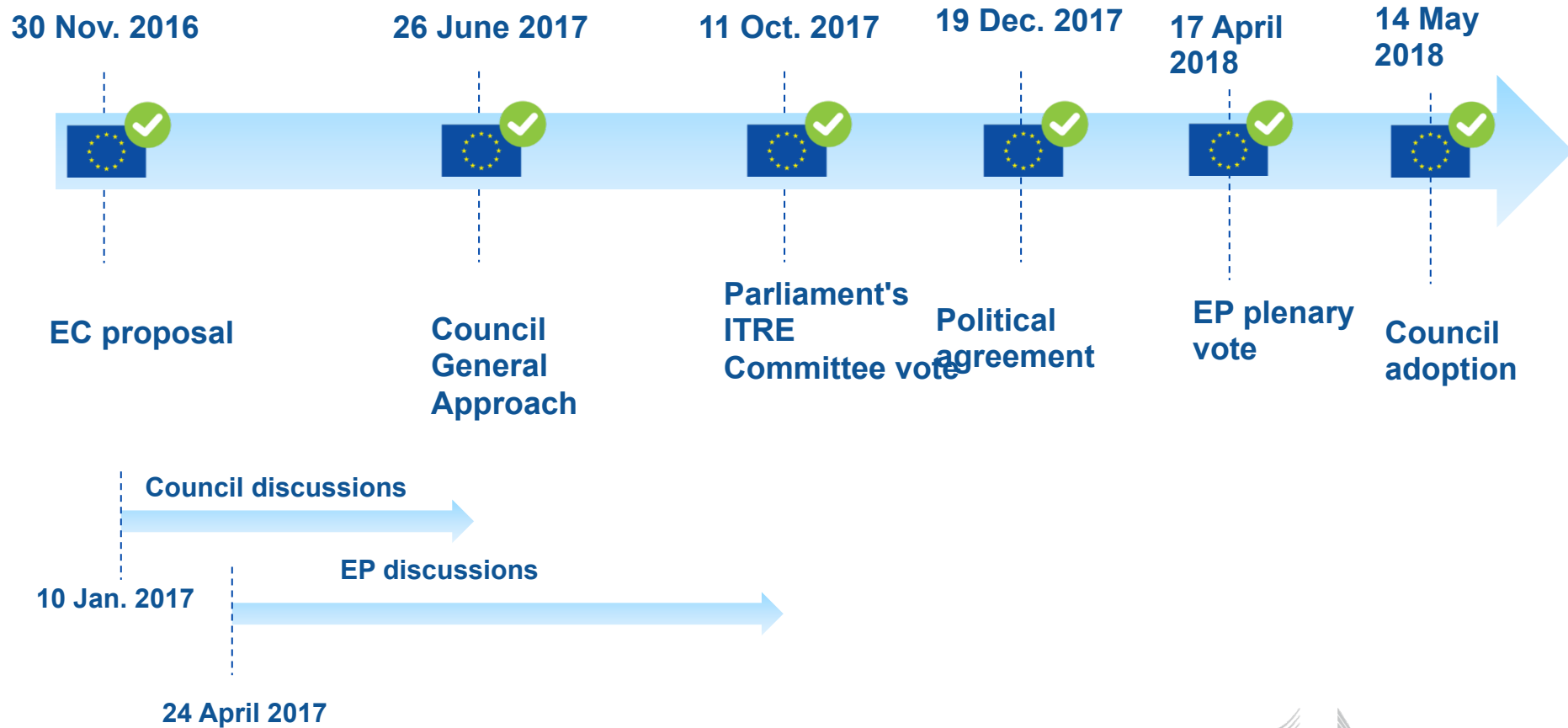
## The Clean Energy for All Europeans Package

### THE RIGHT REGULATORY FRAMEWORK FOR POST – 2020



## The revision of the EPBD

### FROM EC PROPOSAL TO REVISED EPBD ADOPTION



## Main outcomes of the revision

### A STRENGTHENED DIRECTIVE

- ✓ Stronger **long term renovation strategies** for Member States, aiming at decarbonisation by 2050 and with a solid financial component.
- ✓ A **Smart Readiness Indicator** for buildings.
- ✓ Targeted support to **e-mobility** infrastructure deployment in buildings' car parks.
- ✓ Enhanced **transparency** of national building energy performance calculation methodologies.
- ✓ Reinforcement of **building automation**: additional requirements on room temperature level controls, building automation and controls and enhanced consideration of typical operating conditions.

## Long-term renovation strategies

### A MAJOR INSTRUMENT FOR RENOVATION IN THE EU

- ✓ **Long term building renovation strategies (Article 2a)**
- ✓ Stronger reference to **energy poverty** and **solid financial component** (effective use of public funding; aggregation; de-risking).
- ✓ Requirement for Member States to:
  - Establish comprehensive strategies aiming at a highly efficient and **decarbonised building stock** by **2050** and at a cost-effective transformation of existing buildings into **nearly zero-energy buildings**.
  - Set up a roadmap with measures, **measurable** progress indicators and indicative milestones for **2030, 2040** and **2050**.
  - Carry out a **public consultation** on the strategies prior to submission to COM, and on their implementation.

## Smart Readiness Indicator for buildings

### BUILDING-LEVEL SMARTNESS

- ✓ The **SRI** will be an optional common Union scheme for rating the **smart readiness** of buildings.

#### 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

- ✓ The SRI will be established through two legal acts: delegated act for the **definition** and **calculation methodology**; implementing act for the technical modalities of **implementation**. By 31 Dec. 2019.
- ✓ **Motivation:** recognition of progress towards smart building systems and their added value for building users, energy consumers and energy grids.

## Smart Readiness Indicator for buildings

### TECHNICAL SUPPORT FOR THE DEVELOPMENT OF THE SRI

- ✔ **Study:** ENER/C3/2016-554 - “Support for setting up a Smart Readiness Indicator for Buildings and related impact assessment”  
1<sup>st</sup> technical study, March 2017 – August 2018  
<https://smartreadinessindicator.eu/>
- ✔ **Focus:** definition and calculation methodology, preliminary assessment of potential impacts.
- ✔ **Status:**  
Previous report (including interim) available,  
3 stakeholder meetings (last one on 28 May 2018),  
4<sup>th</sup> written consultation second half of June 2018.
- ✔ **Next steps:** 2<sup>nd</sup> study to start (tentatively) in October 2018.

Your contributions are much welcome.

## Smartness in buildings - a strategy for digitalisation

### VISION

*Smartness in buildings is an essential element in a decarbonised, renewable-intensive and more dynamic energy system in Europe with the aim of reaching the 2030 EU targets on energy efficiency and renewable energy, and of achieving a decarbonized EU building stock by 2050.*

#### Objectives:

1. Achieve high energy efficiency by optimal operation;
2. Strengthen the role of demand side flexibility;
3. Ensure that the building user's needs are covered.

#### 3 key instruments:

1. Smart Readiness Indicator for buildings under the revised EPBD;
2. Building automation and control systems (BACS) under Ecodesign and/or Energy Labelling regulations;
3. Energy smart appliances under Ecodesign and/or Energy Labelling regulations.





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## Thank you!

**Sylvain Robert**  
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**DG ENER, European Commission**

<https://ec.europa.eu/energy/en/news/commission-proposes-new-rules-consumer-centred-clean-energy-transition>

