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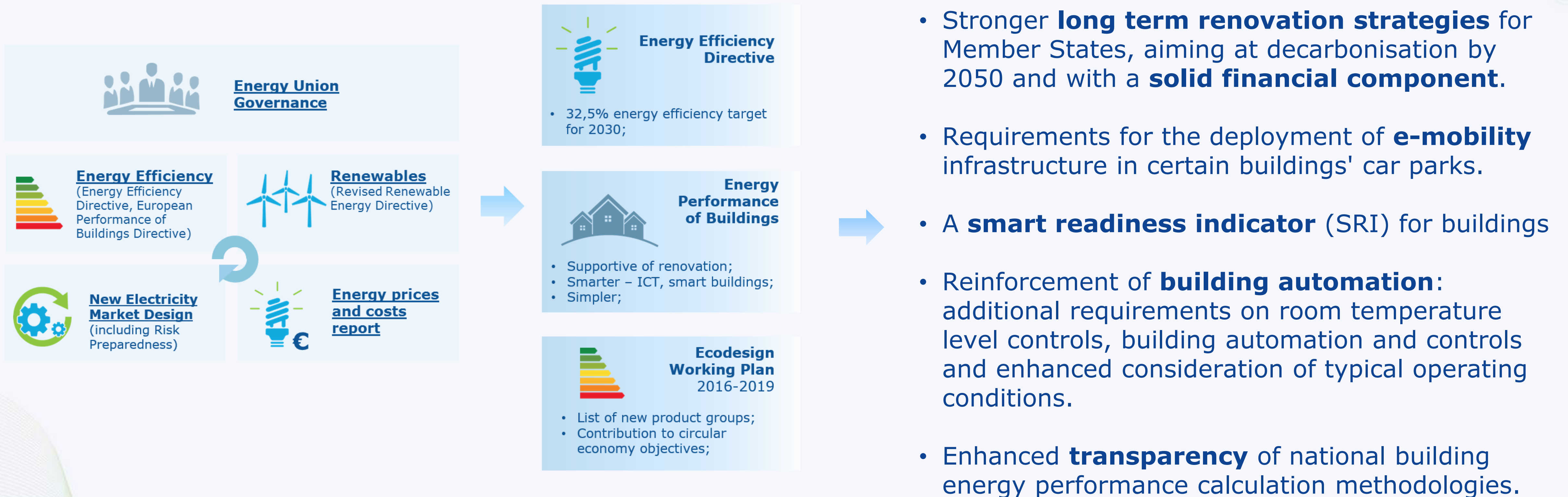
**Putting the EPBD pieces together:  
EPB standards, SRI &  
de-risking investments**

**EUSEW19 session "lucky" 13: Wednesday 19 June, 9h00 – 10h30  
NEW EPBD: THE VALUE OF ACTUAL PERFORMANCE AND  
DIGITALISATION**

17-21 JUNE 2019  
SHAPING EUROPE'S ENERGY FUTURE  
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# Clean Energy for all Europeans Package & the EPBD



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## Annex I of the EPBD

### *Common general framework for the calculation of energy performance of buildings*

- Improving transparency and consistency of the existing regional/national calculation methodologies
  - Keeping freedom and flexibility of Member States to adapt their national or regional calculation methodologies to local and climatic conditions
  - Putting more emphasis on health, indoor air quality and comfort levels and on the optimal performance of the building envelope
  - Considering Primary Energy Factors (PEFs) and the treatment of on-site/off-site renewables
- ➔
- New obligation for Member States to describe their national calculation methodology following the national annexes of the overarching standards developed under mandate M/480
  - Improve transparency and comparability
  - Not an obligation on MS to comply with the EPB standards
  - MS have flexibility to adapt the calculation methodologies to local and climatic conditions



# Smart Readiness Indicator

*An optional common Union scheme for rating the smart readiness of buildings*

- Raise awareness about the benefits of smart technologies in buildings
- Support and orient investments in smart technologies
- “(...) Three key functionalities relating to the building and its technical building systems:
  - (a) the ability to maintain energy performance and operation of the building through the adaptation of energy consumption (...);
  - (b) the ability to adapt its operation mode in response to the needs of the occupant (...), maintaining healthy indoor climate conditions (...); and
  - the flexibility of a building's overall electricity demand (...)”
- Establishment thanks to a delegated act for definition and calculation methodology and an implementing act for implementation modalities
- The indicator is developed by the Commission, with the 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



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# Energy efficiency financing

## Tackling the investment gap

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



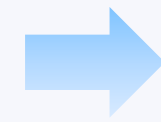
Aggregation of projects



De-risking



Effective use of public funding



- Flexible **financing platforms** at national level, mixing different strands of public financing (i.e. ESIF, EFSI).
- Facilitate the use of **Energy Performance Contracting** for the public sector
- European Local Energy Assistance (ELENA) - **Technical assistance** to develop large-scale projects
- De-risking Energy Platform (DEEP) - **database** aiming at de-risking energy efficiency investments
- EFFIG Underwriting toolkit - **guide** which aims to assist financial institutions to scale up their deployment of capital into energy efficiency.

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