

CEER

**Council of European
Energy Regulators**



Demand Response

DR4EU – EER Joint Event

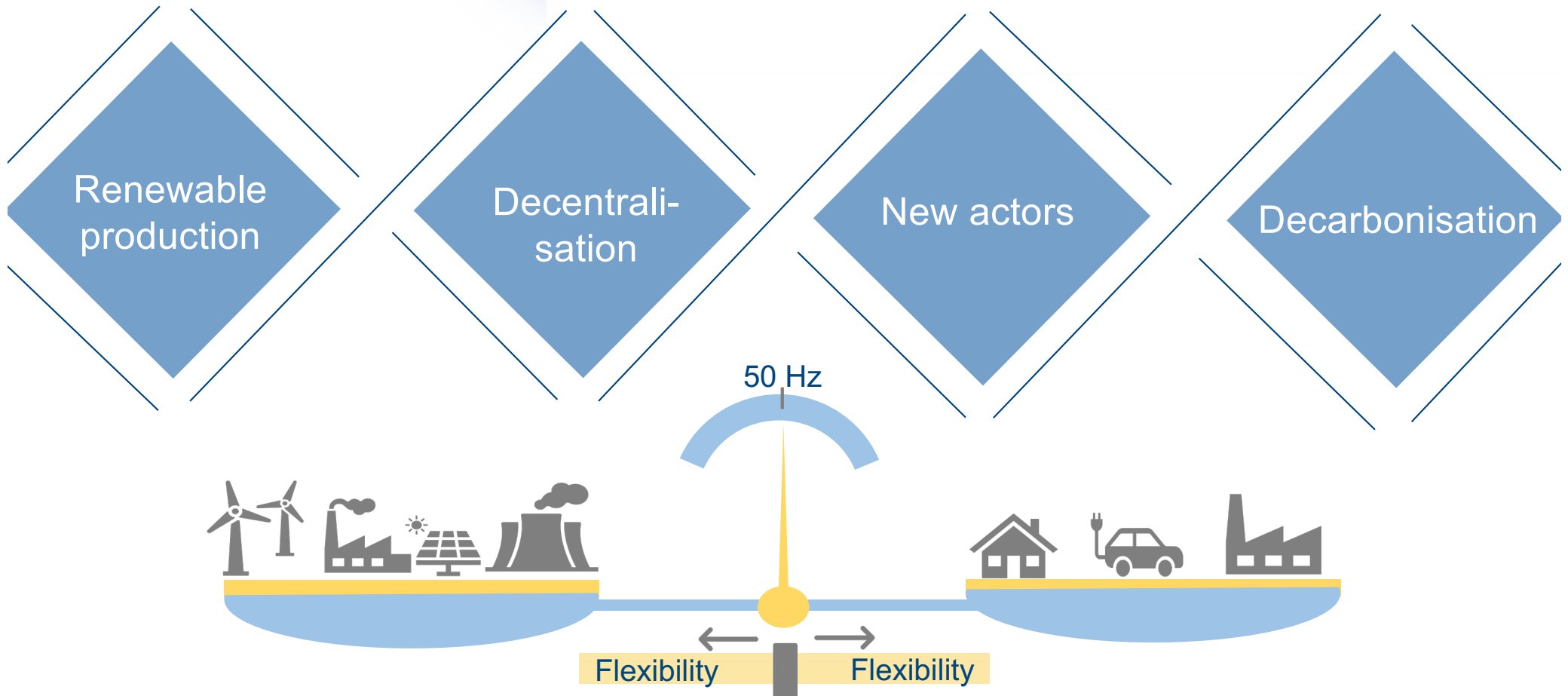
Dr. Christine Materazzi-Wagner

CEER Electricity Working Group - Chairperson

6 May 2021

Fostering energy markets,
empowering **consumers**.

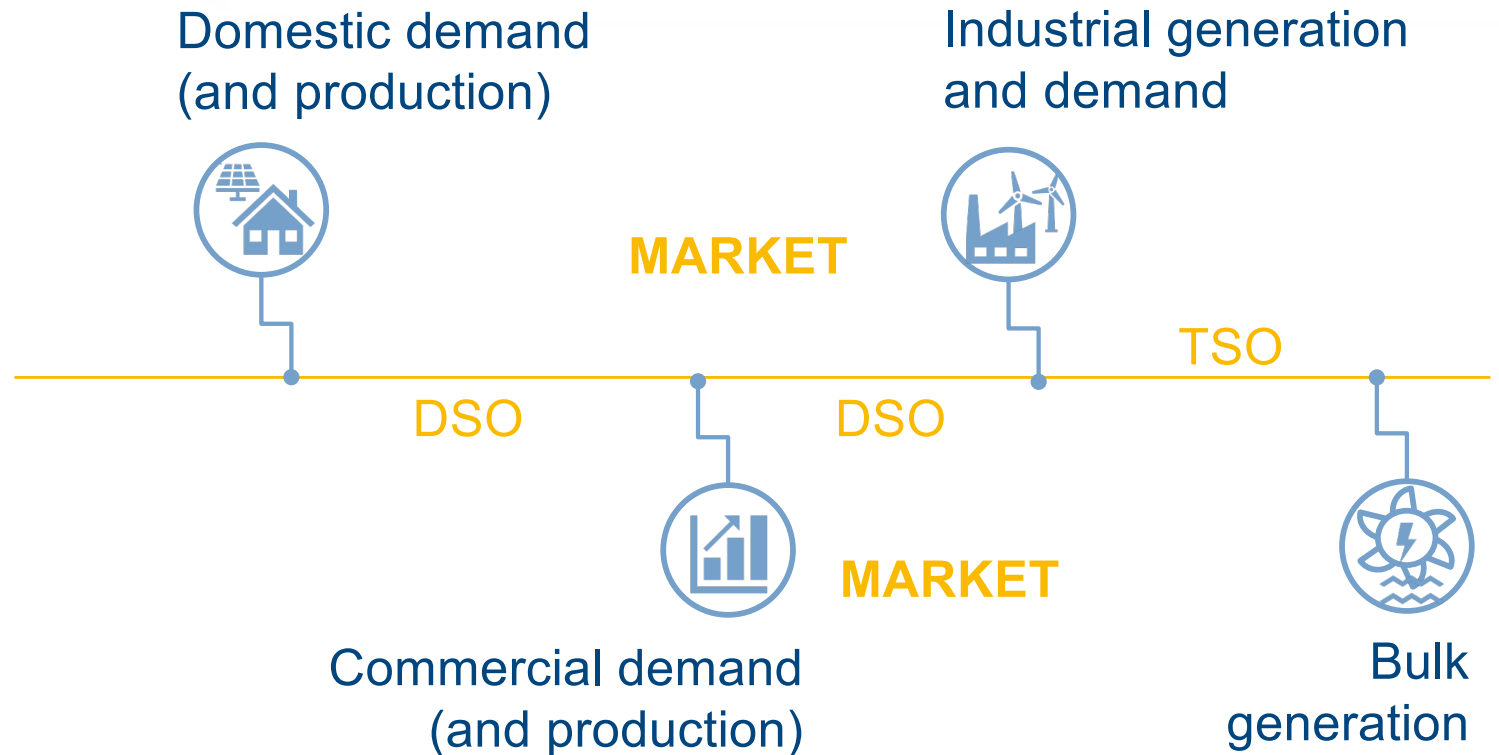
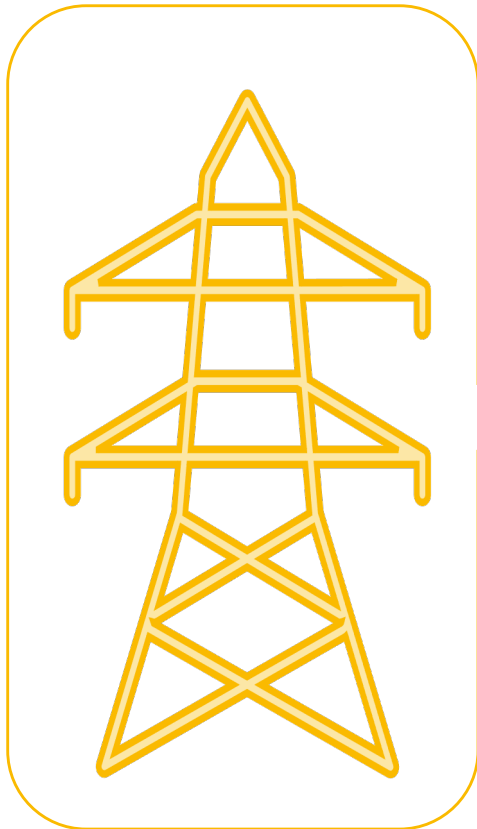
Complexity of the electricity market



... and always keeping the system balanced between production and consumption



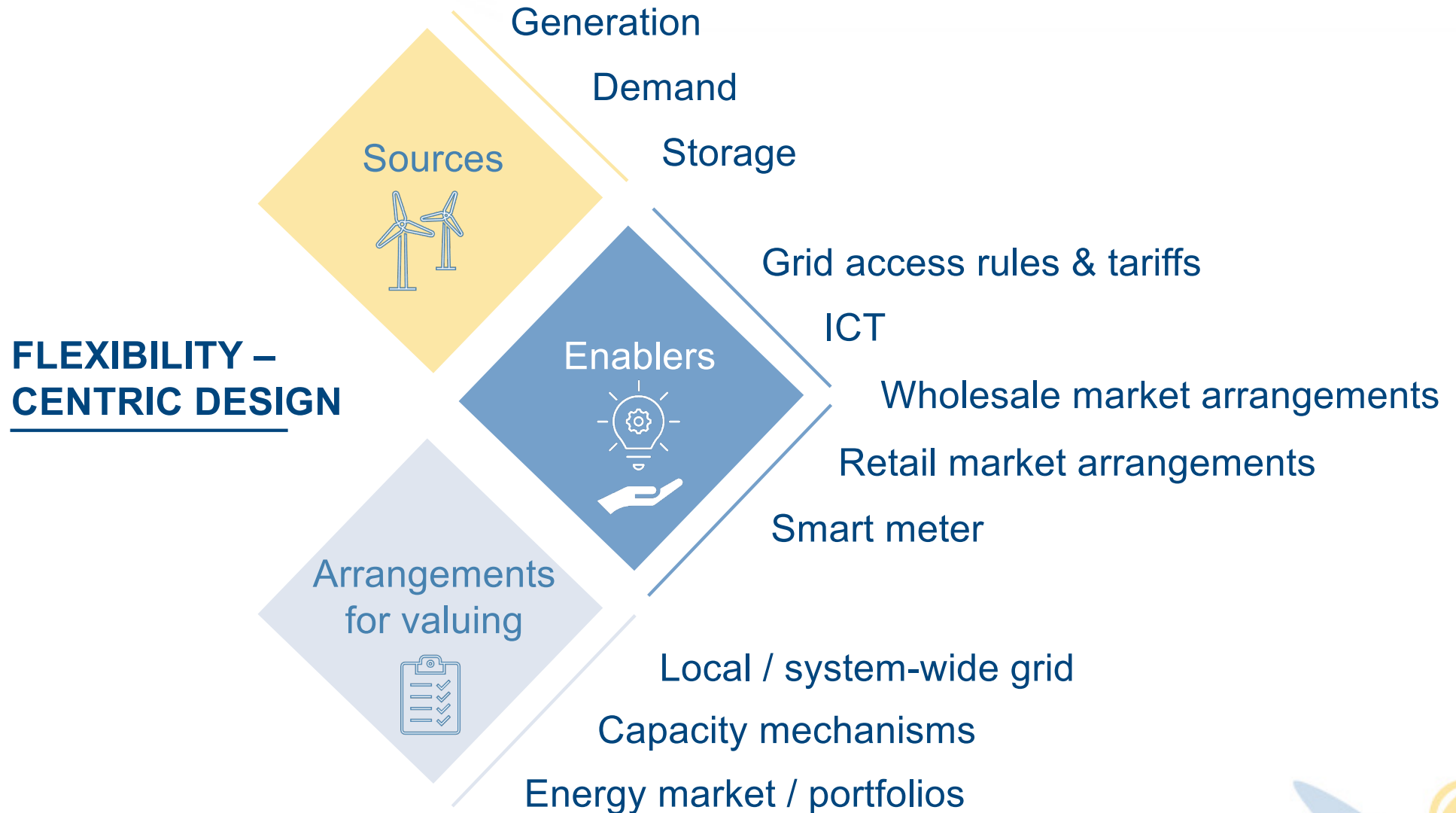
Sources and demand for flexibility



All flexibility sources should be able to participate in all arrangements for valuing flexibility whenever this participation is efficient. Flexibility is not an end in itself, it is a tool to improve the efficiency of electricity supply.



Flexibility needs enablers and arrangements



Demand response – Effects for the market participants

Policy makers & regulators

- Integrate new actors in a cost efficient way
- Fair rules for new market players



Consumers

- Decreasing energy prices
- Energy communities
- Participation in energy markets

TSOs

- Maintain security of supply
- Optimise operation
- Improve efficiency

DSOs

- Better utilisation and development of network capacity
- Less investment needs
- Improve efficiency

Retailers

- New business models (energy communities,...)
- Support system operation



Regulatory Framework

Policies

Legal framework to allocate rules and responsibilities for actors including active customer initiative

Law

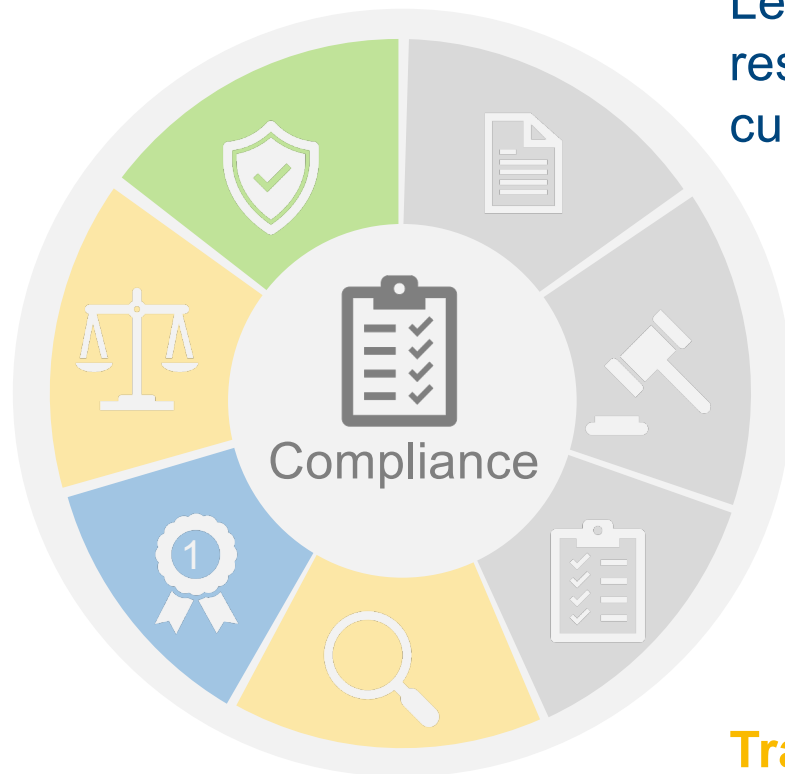
Member states shall provide the necessary regulatory framework (e.g. Art. 32)

Technical standards

Legal framework to guarantee a technical standard

Transparency

Transparency regarding medium and long-term flexibility services required in the network (Art. 32)



Regulatory Framework

Implementation

Development of harmonised methodologies and rules

Requirements

Freedom to test different solutions, considering existing local context

Technical standards

The current design of Network Codes / Guidelines is already “technology neutral” oriented



Thank you for your attention!



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