

A joint perspective on T&D cooperation for system planning

Energy Infrastructure Forum, 25 November 2021



Dimitrios Chaniotis, ENTSO-E

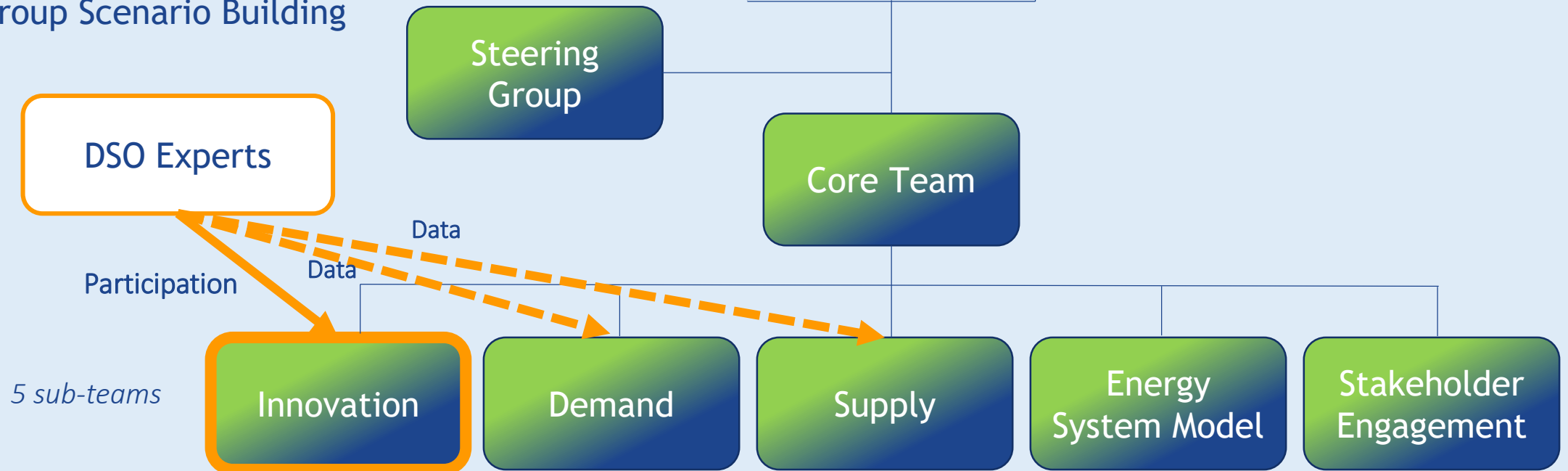
Next TYNDP Cycle: Stronger embedding of DSO involvement

DSOs participation could be extended towards more expert teams

Decisional bodies



Working Group Scenario Building



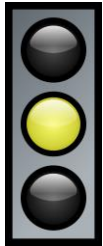
TYNDP 2022 Cycle: How it has worked so far?

Good progress and open discussion to tackle blocking points



Identification of key topics

- Modelling: prosumer and EV behaviour to be discussed as part of the Innovation Team
- Data: insights on RES, demand and flexibility connected to DSO grid



Experts involvement in Innovation Team

- Half a dozen DSO experts joined Innovation Team meetings focusing on the best way to capture prosumer and EV interaction with the electricity system
- Contributions were mixed but in line with ENTSOs own experience for any new working group and new TSO members

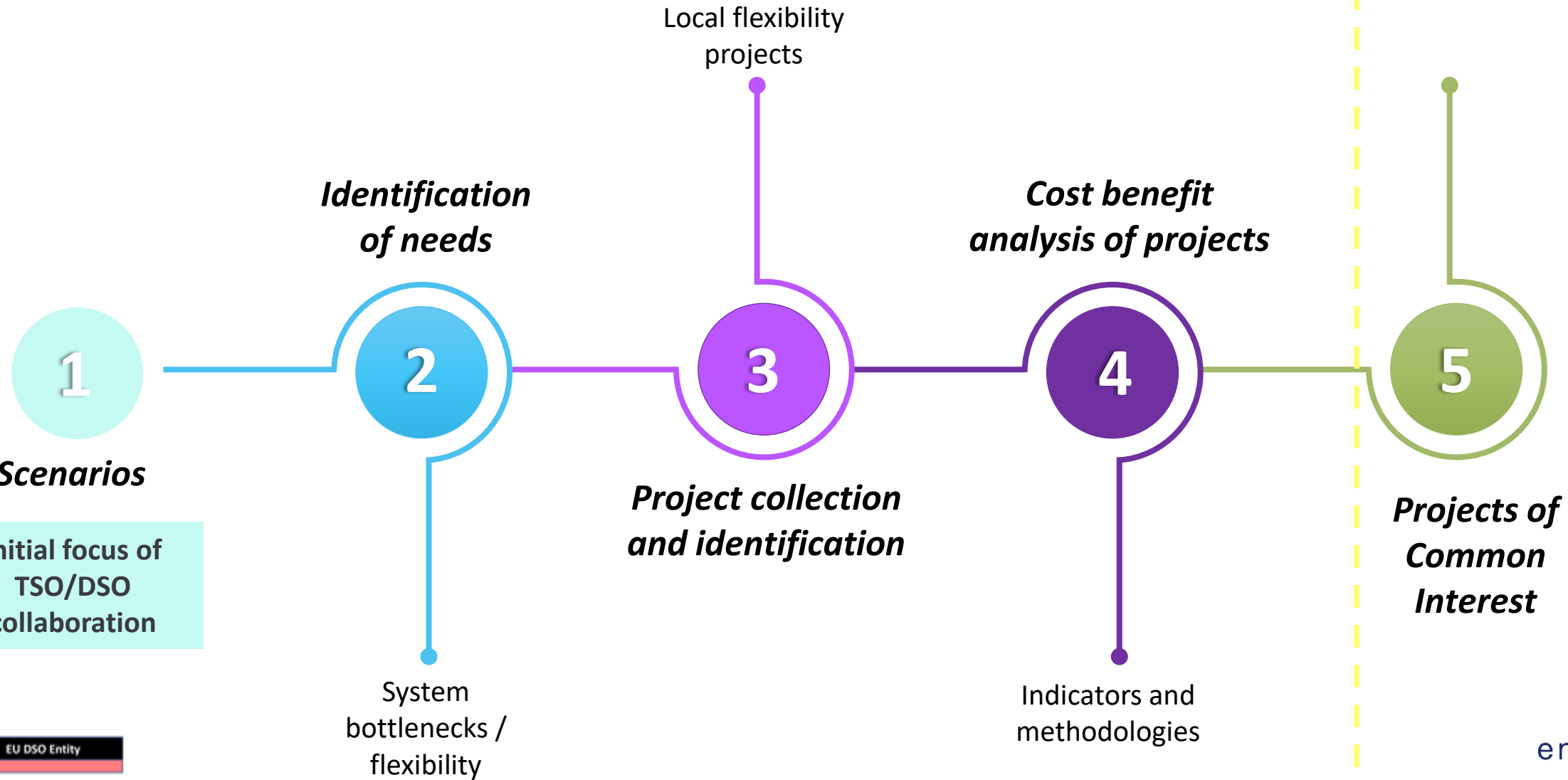


Data availability

- Criteria for TYNDP input data:
 - Capturing at least full EU27 perimeter at a country granularity
 - To be made available for public release to ensure process transparency
- Transparency/Confidentiality process to be reviewed by DSOs

Looking at the full TYNDP process

DSOs participation could be extended beyond Scenario building



Status and next steps

The T&D cooperation on system planning is still in a transition phase

- The **cooperation is being handed over from DSO associations to EU DSO Entity** in line with the legal mandate established in Regulation 2019/943.
- A **Memorandum of Understanding and Non-Disclosure Agreement between ENTSO-E and EU DSO entity** will provide an overarching framework for this cooperation and address the exchange of confidential information. Signature of MoU and NDA foreseen early 2022.
- In addition to governance arrangements, **resource availability is critical** and not assumed to be a given. Modelling experts, especially in the field of multi-energy and expansion, are scarce resources in all organisations.
- Exchanges continue with the present pool of DSO experts, while new formal arrangements are set up. Early next steps cover **methodology improvements for the European TYNDP** and a joint survey on **T&D cooperation best practices at national level**.