

Clean Energy Transition Partnership Transition Initiative 1 (TRI 1)

Optimised Integrated European net-zero emissions Energy System Invitation to TRI 1 Presentation Event



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Green shift is now

Reaching carbon neutrality even faster



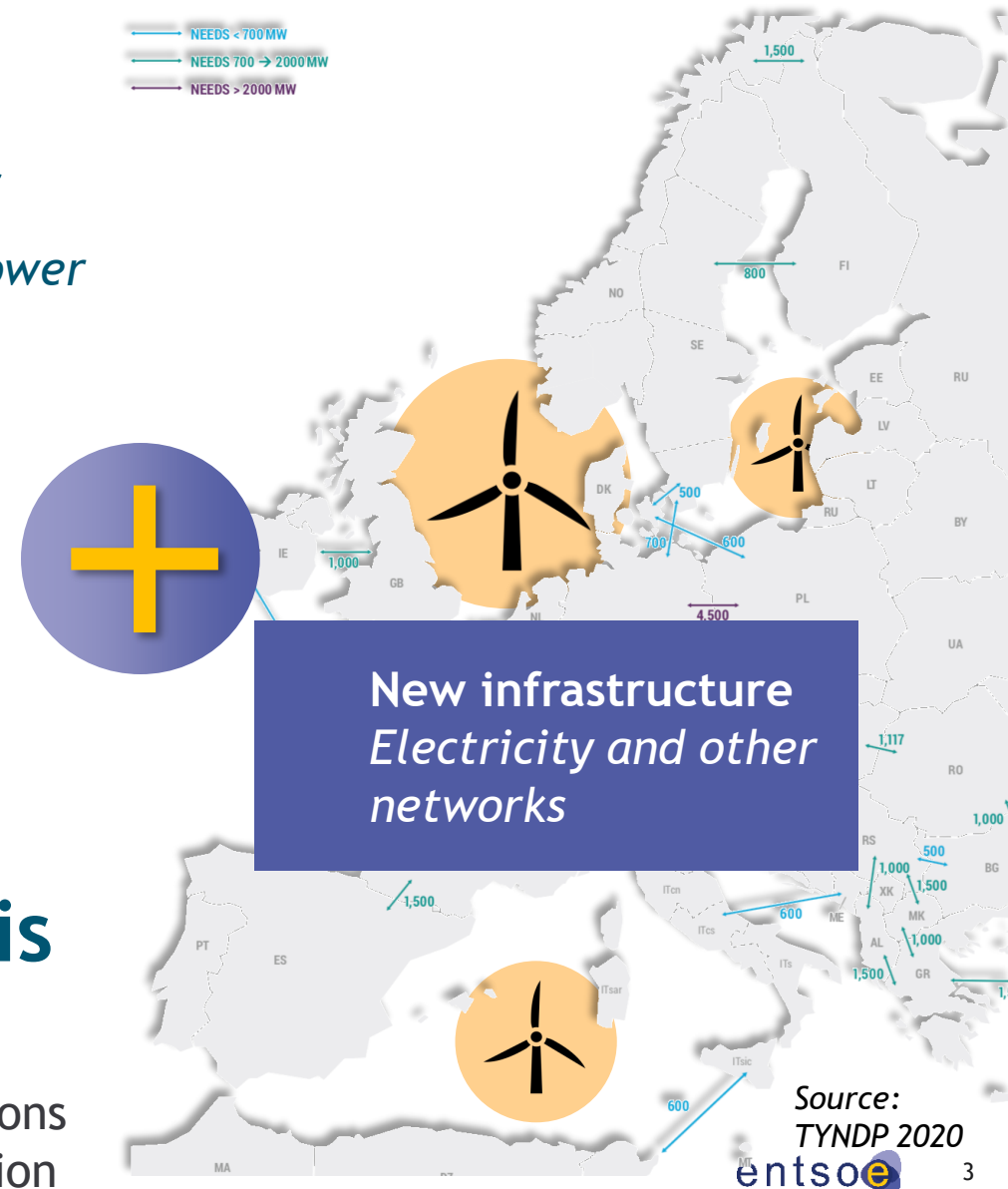
- **10x wind & solar faster**
Zero target gives radical changes of the power system in Europe

- **10 x more flex**
Increased integration & cooperation between countries and sectors

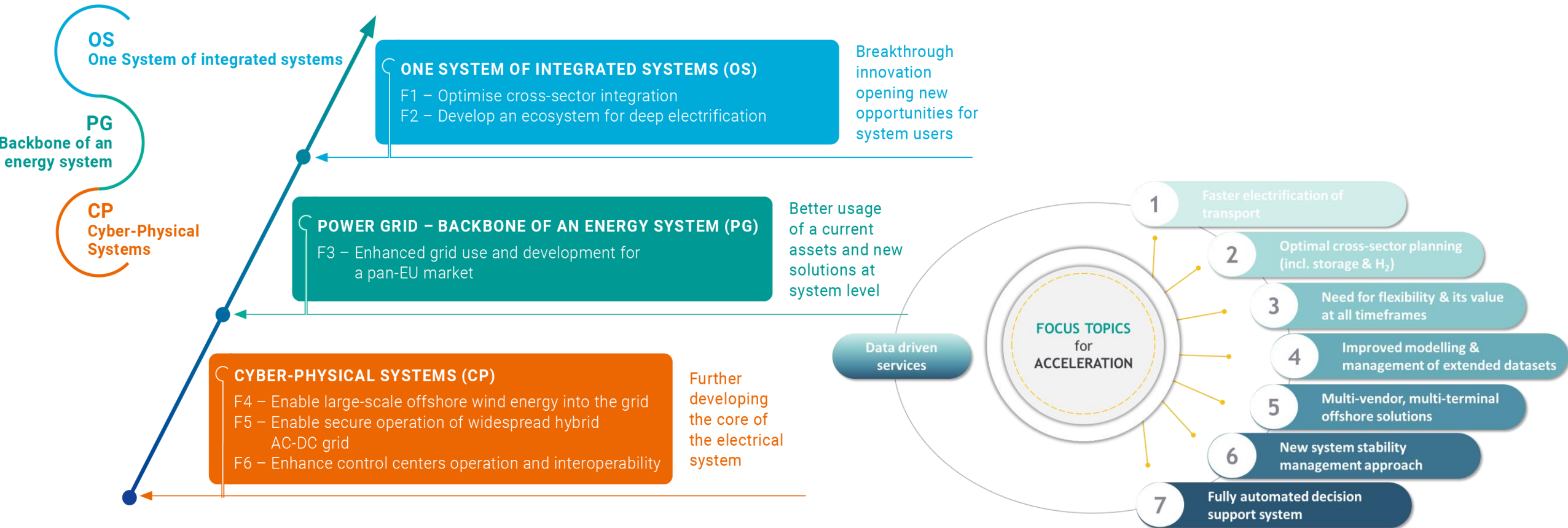


- **Accelerated innovation is key:**

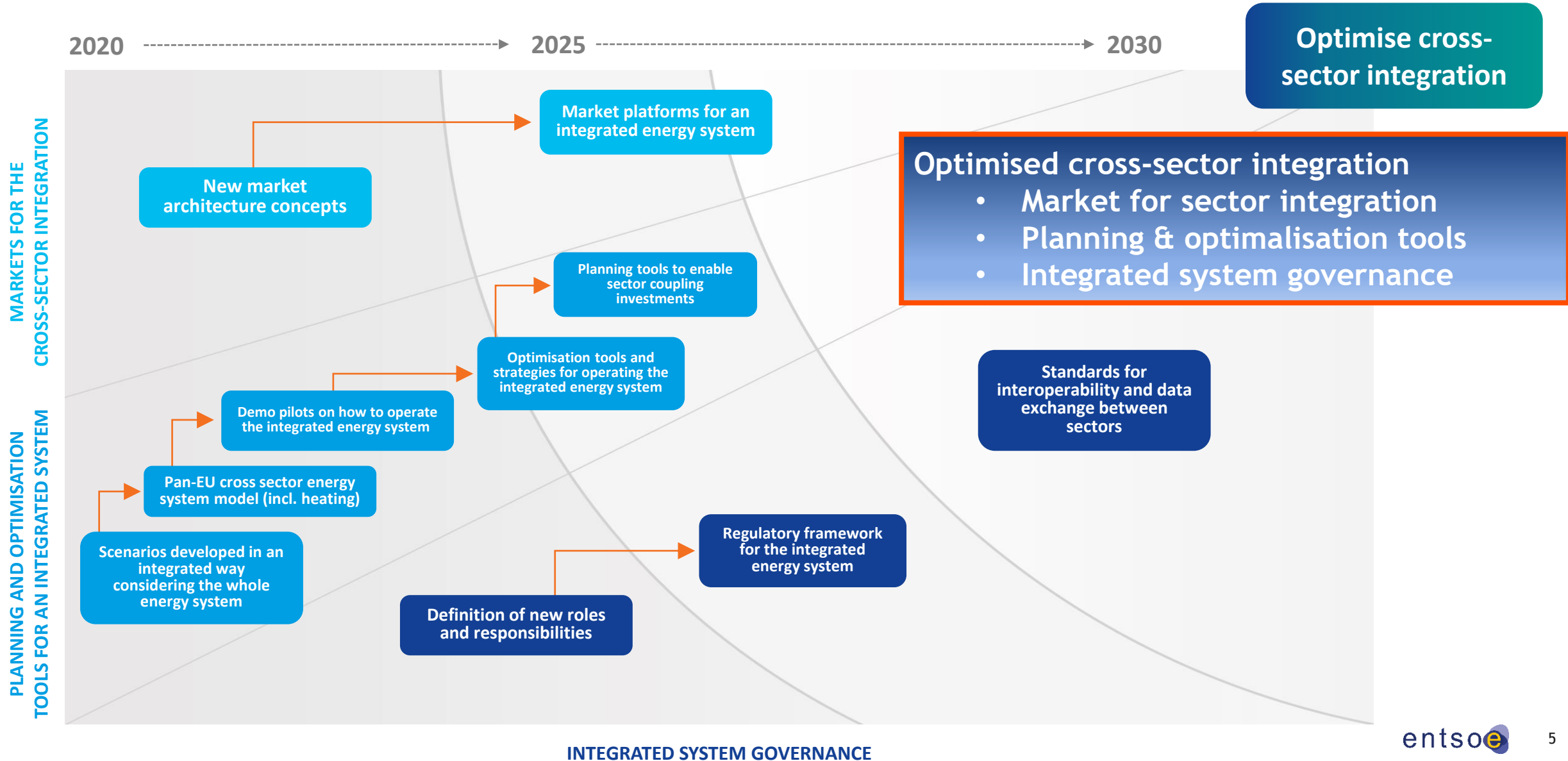
- Fast deployment of mature innovative solutions
- Long term : sustainability drives the innovation



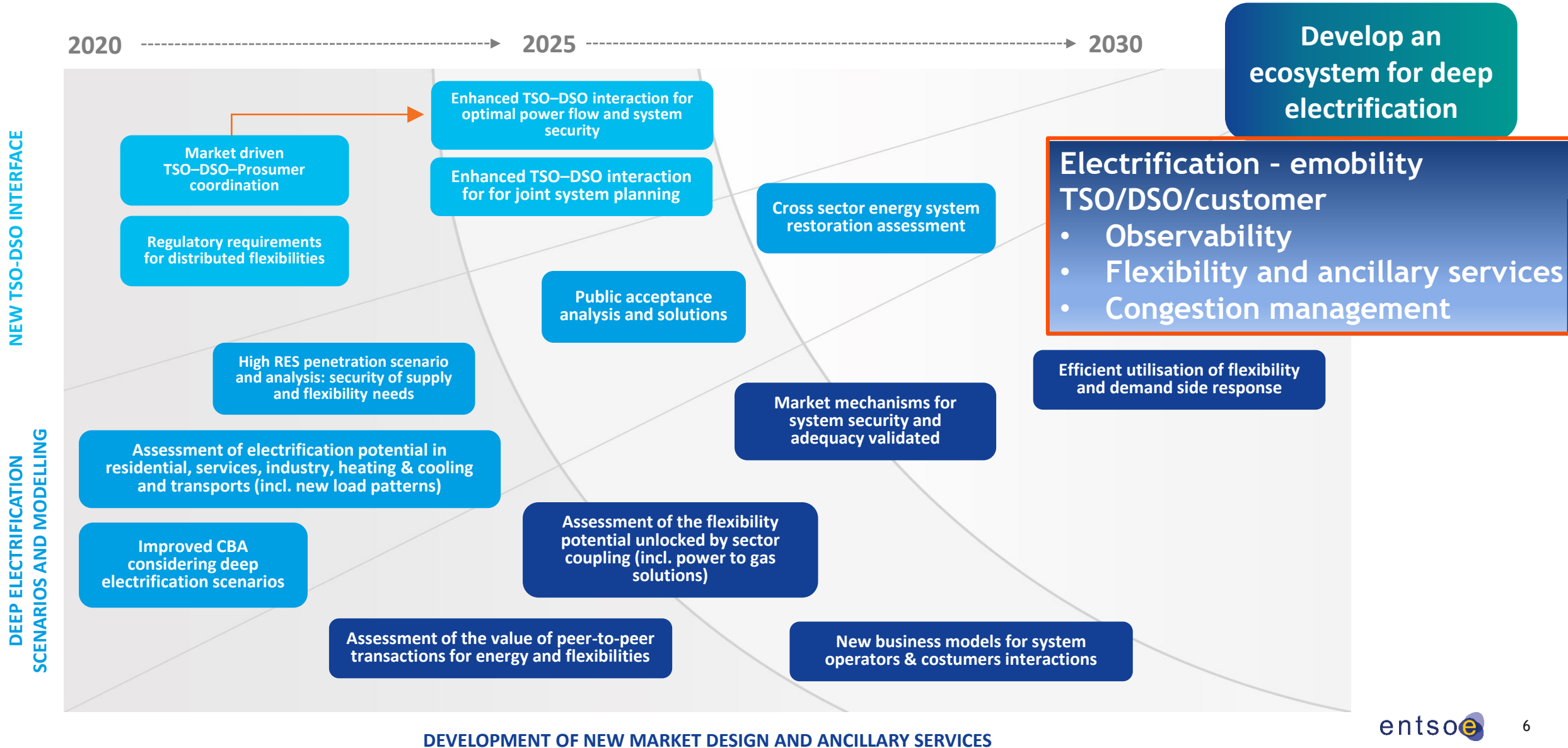
ENTSO-E RDI Roadmap 2020-2030: Green Deal and Acceleration Mission: Fitfor55



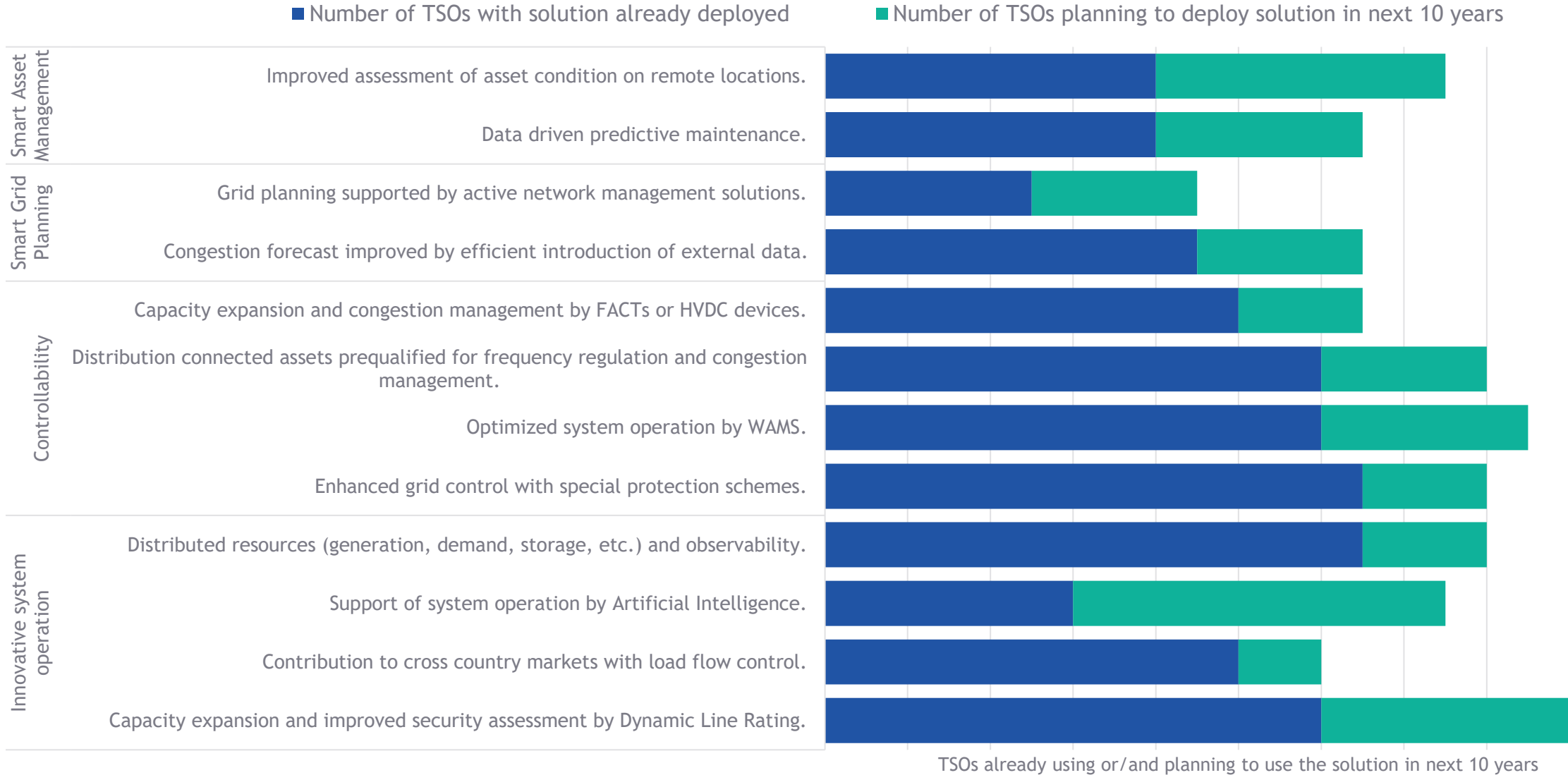
Flagship 1: Optimise cross-sector integration



Flagship 2: Develop an ecosystem for deep electrification



Deployment of innovative solutions at transmission level



ENTSO-E: Technopedia

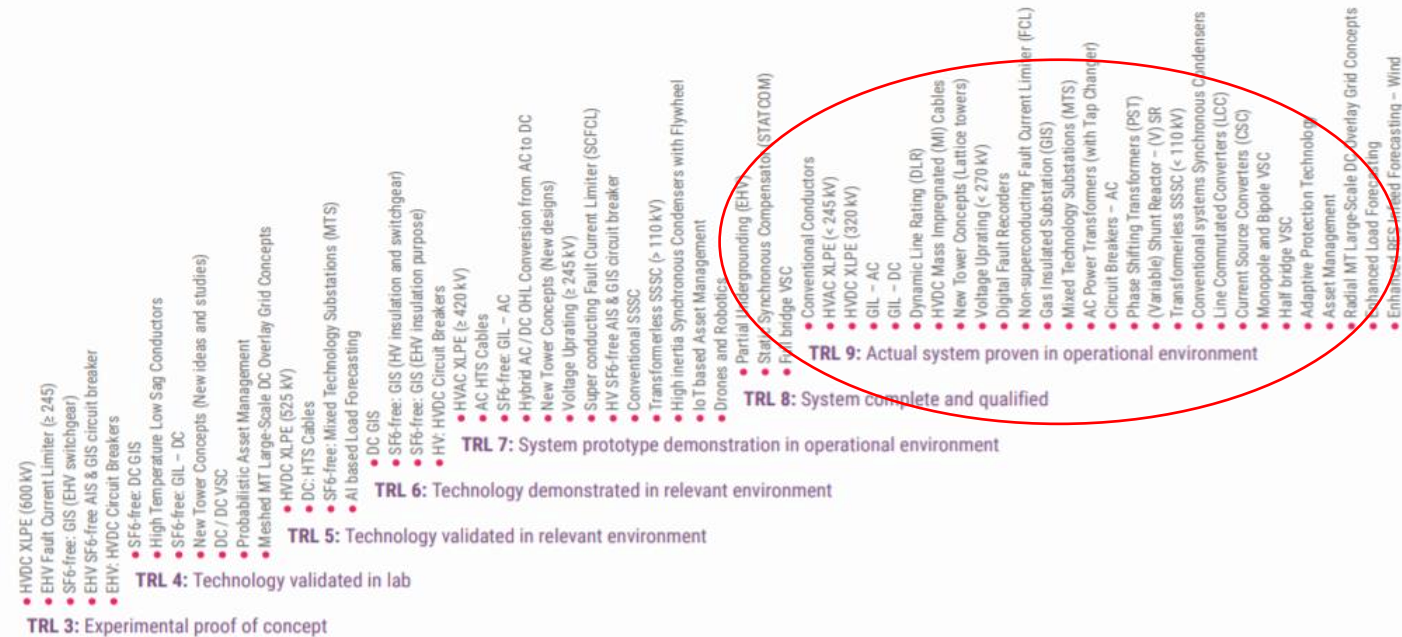
Tool to guide through innovative & state-of-the-art technologies related to the world of TSOs as reference for all the related stakeholders

Assets and smart solutions
34 Factsheets

Flexibility
23 Factsheets

Digital
8 Factsheets

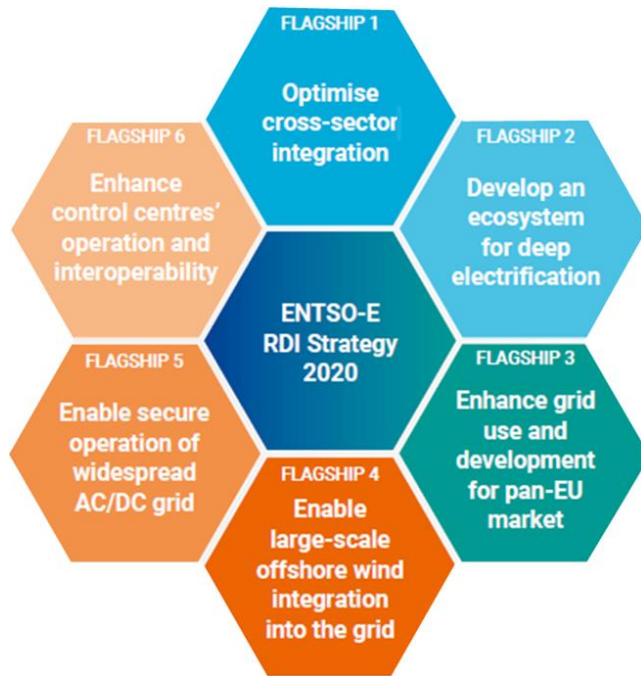
The primary technologies related to the energy transmission system according to the current TRL



<https://www.entsoe.eu/Technopedia>

Acceleration of innovation implementation

Knowledge building



- ENTSOE RDI Roadmap 2020-2030
- Implementation Report
- Position papers

Demonstration



- Focused RDI programs
- Effective Partnerships
- Cross national perspective

Investments



- Natural environment for efficiency investments, Risk taking, Social welfare creation, ...