

INTEGRATED ENERGY SOLUTIONS AND NEW MARKET MECHANISMS FOR AN EXTENDED FLEXIBILITY OF THE EUROPEAN GRID



INSTITUTE OF COMMUNICATION &
COMPUTER SYSTEMS (ICCS)





Integrated energy solutions
and new market mechanisms
for an eXtended **FLEX**ibility
of the European grid

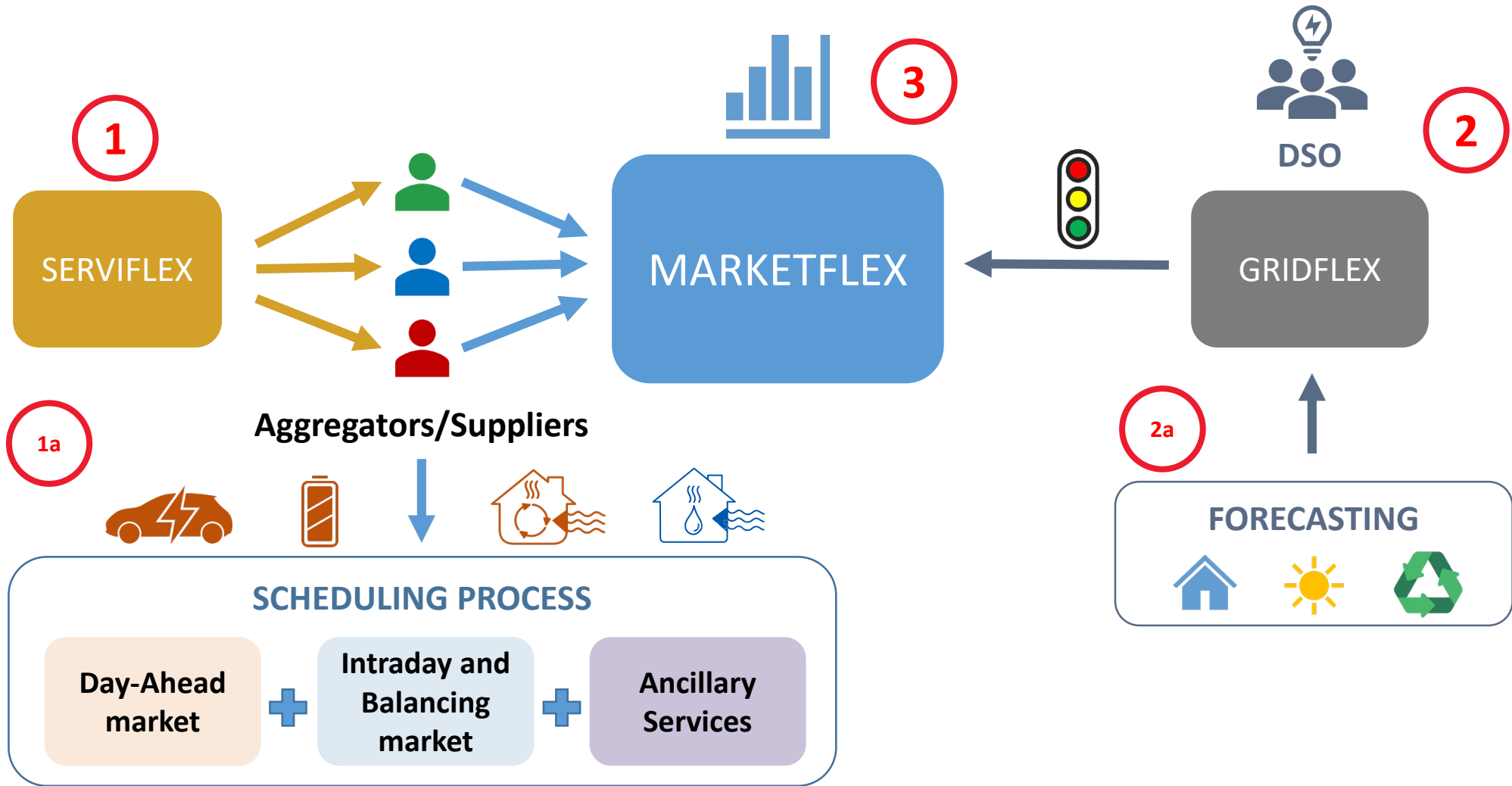
Electricity Forum

Flexibility provision on
DSO level

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MARKETFLEX IN A BIG X-FLEX PICTURE



What we have learned and what is needed?



- **Learned:**

- technology is there
- There are still some reliability connection issues, but this is solvable
- industry is interested
- Traditional local markets is not the most suitable market design
- **There is a need for flexibility on LV!**

- **Needed**

- Big ICT investment
- Methodology for DSO Ancillary services valuation
 - Flexibility in the design due to the local dependency
- Regulatory push – make it obligatory or really making it profitable

- **Not needed:**

- Huge traditional investment in cables
- Complex grid tariff designs
- Transformation of HV solutions to LV solution – not suitable

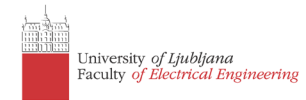
Thank you!

QUESTIONS?



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For more information visit:

<http://xflexproject.eu/>