PANEL SESSION – GRID OPERATORS VERSUS EMERGING MARKET PLAYERS

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Facilitating customers energy data management and interoperability

- **DATA:** user/contract – market – grid – meter – external/support
- DSOs are the neutral market facilitators, also in the future with their data management
- **DATA access:** transparent, non-discriminatory, near real time, data security, privacy
- **Role and responsibilities of the DSO**
  - Emerging market functions and requirements regarding their data management
  - Customers, prosumers
  - TSOs
  - Suppliers, aggregators, other stakeholders,
- DSOs emerge new services in the new energy system; also with the data and its management: demand side response, congestion management, (local) balancing mechanisms
- **Data for Flexibility services:** potential assessment, prequalification, measurement, validation, settlement
- **Data for TSO-DSO:** coordination in planning and operation
- **Data for stakeholders:** analysis energy usage, energy saving, demand response, dynamic pricing
Exponential growth in data exchanges

Past

Future

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36+ million meters and growing...

missiondata.io/reports
Lessons learned from the U.S. experience

1. Plan for poor UX
2. Plan for poor quality
3. Centralize!
“Build software solutions to help consumers of any size consume zero-carbon electricity in a transparent and environmental impactful way”

“24/7 green for all - businesses and communities able to achieve a full decarbonization of their electricity consumption, every hour of the day, every day of the year”
RESpring offers transparent information on the energy that companies buy all around the world.
Our experience with private energy data in Europe

**NEED**

**Frequency:** (at least) hourly

**Availability:**
- Preliminary: day +1 (the day after the physical delivery)
- Final: day + 30

**Format:**
- Accumulated meter readings

**Process:**
- Non discriminatory (both for Data user and Data owner)
- Well-documented
- Digital authorization process

**STATUS & BARRIERS**

- Authorized data provider not defined
- Administrative and/or technical process is not defined or not clearly documented
- Requirement to have a national VAT number or a national e-ID (both for Data user requesting access and for Data owner granting authorization)
- Data availability (which consumer & producer types) not documented
Let’s work together on the Future of Energy!

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