

European Workshop on Energy Data Space

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REGULATED ACTIVITIES

NON-REGULATED ACTIVITIES



Grid management



System operations



Market facilitation



Trusteeship



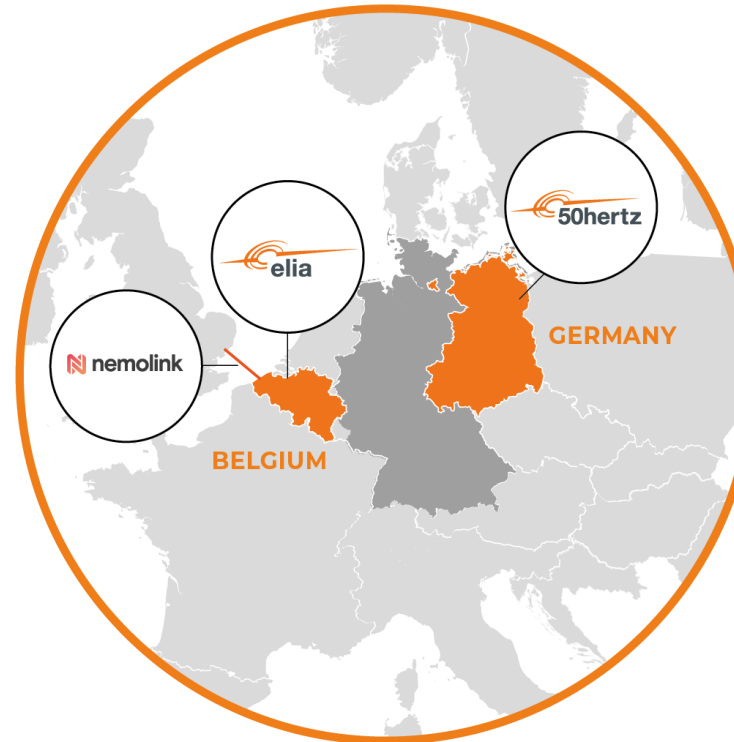
- Northern/Eastern Germany TSO operator
- On- and offshore transmission systems
- 80% owned by Elia Group (20% KfW)
- Monopolistic position in Northeast Germany



- National TSO
- On- and offshore transmission systems
- 99.99% owned by Elia Group
- Monopolistic position in Belgium



- 50/50 JV between Elia and National Grid (UK)
- Grid interconnection between BE and UK
- 50% owned by Elia Group



- International energy market consultancy and engineering services



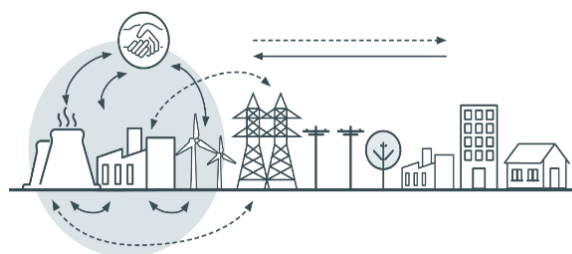
- European market platform
- Exchange and valorisation of data and digital services
- 100% owned by Elia Group



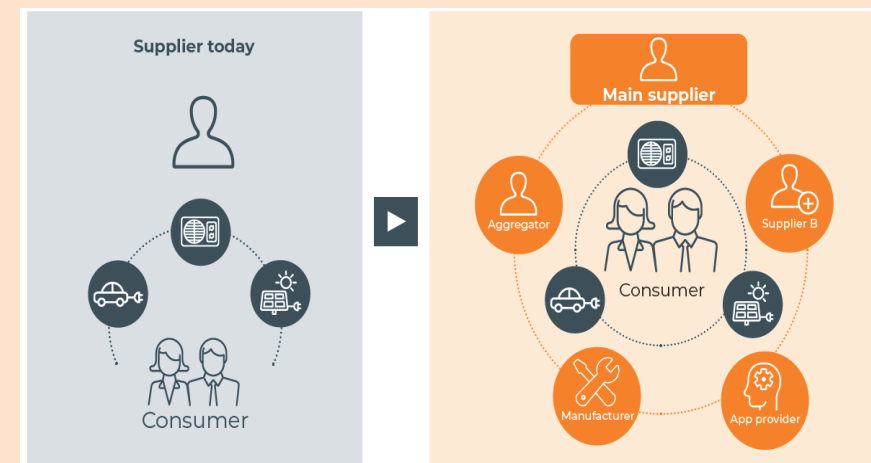
- 100% subsidiary of Elia Group
- Focusing on international offshore developments

On-boarding the consumer in our roadmap to net zero is the key to unleash the energy transition

From competition for the meter...
Generation follows consumption



...to competition behind the meter
Demand will follow generation

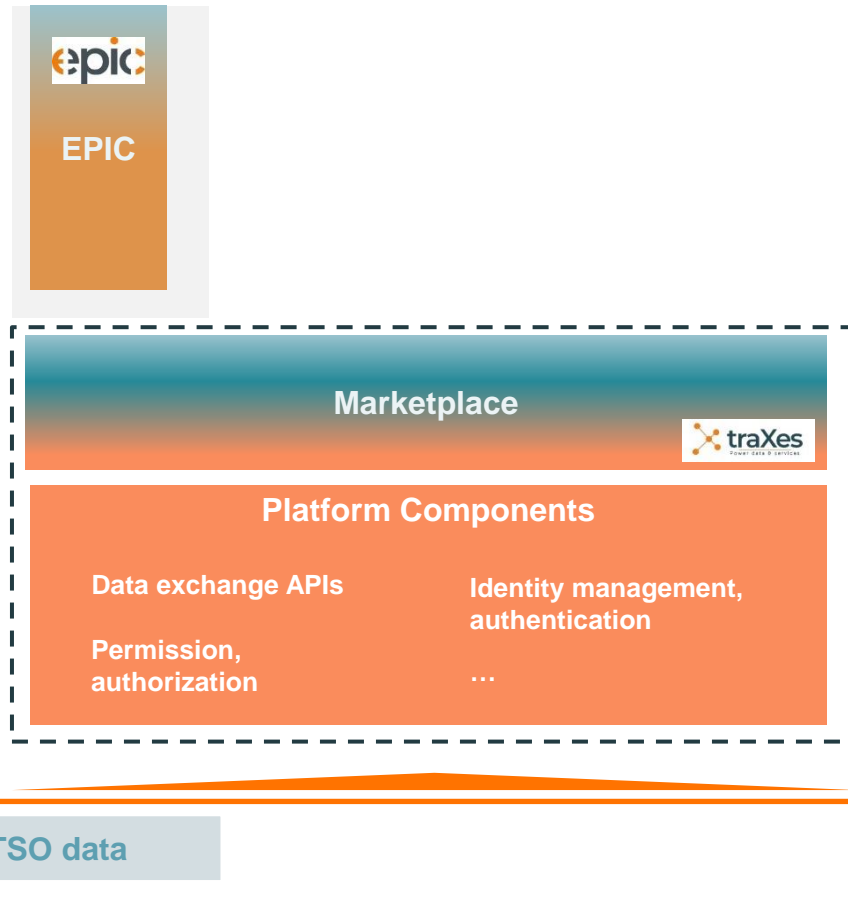


Trusted and secured access to data

- ✓ **More flexibility**
 - ✓ Services build on market faced data
 - ✓ Services build on third party data access
- ✓ **Improved system operations**
 - ✓ Services build on system-based data



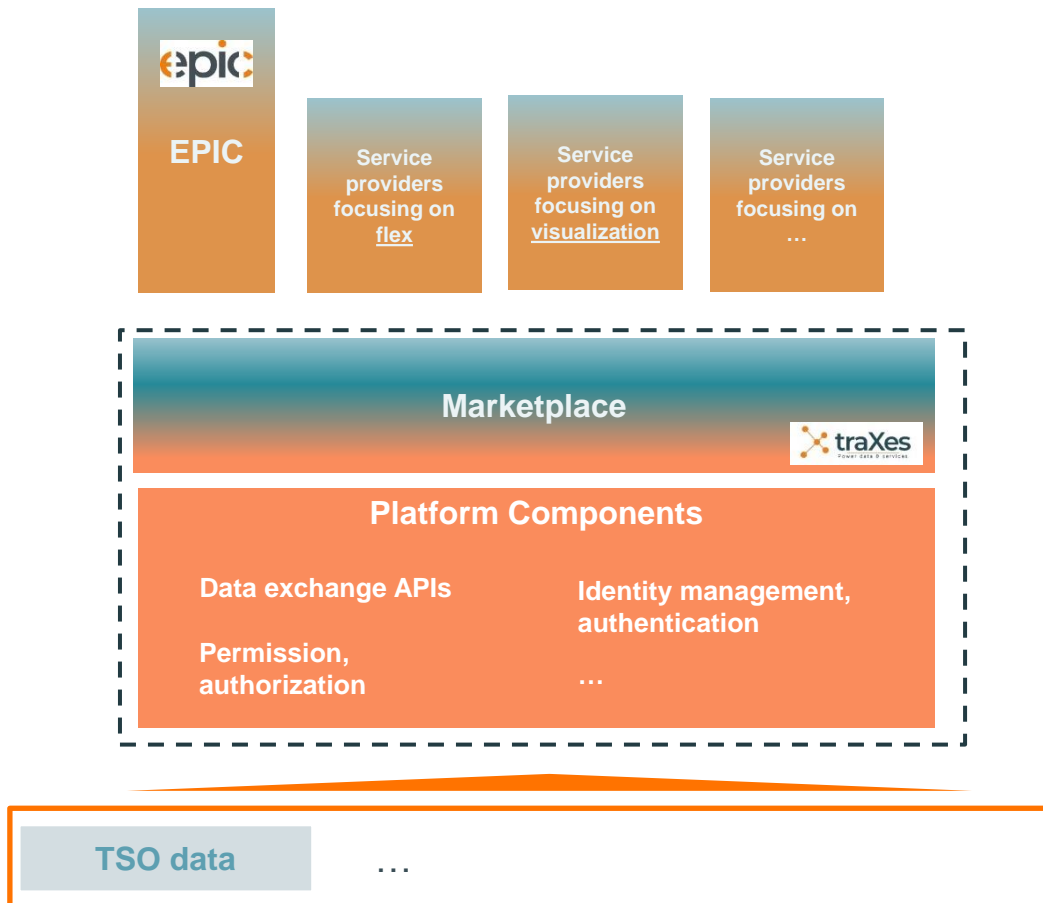
Elia is building a set of building blocks to provide flexibility services to TSO grid users...



Elia will facilitate **flexibility services** to its own grid users.

For his purpose, Elia is developing a set of **capabilities** in support of the flexibility services

...which can be re-used by other services



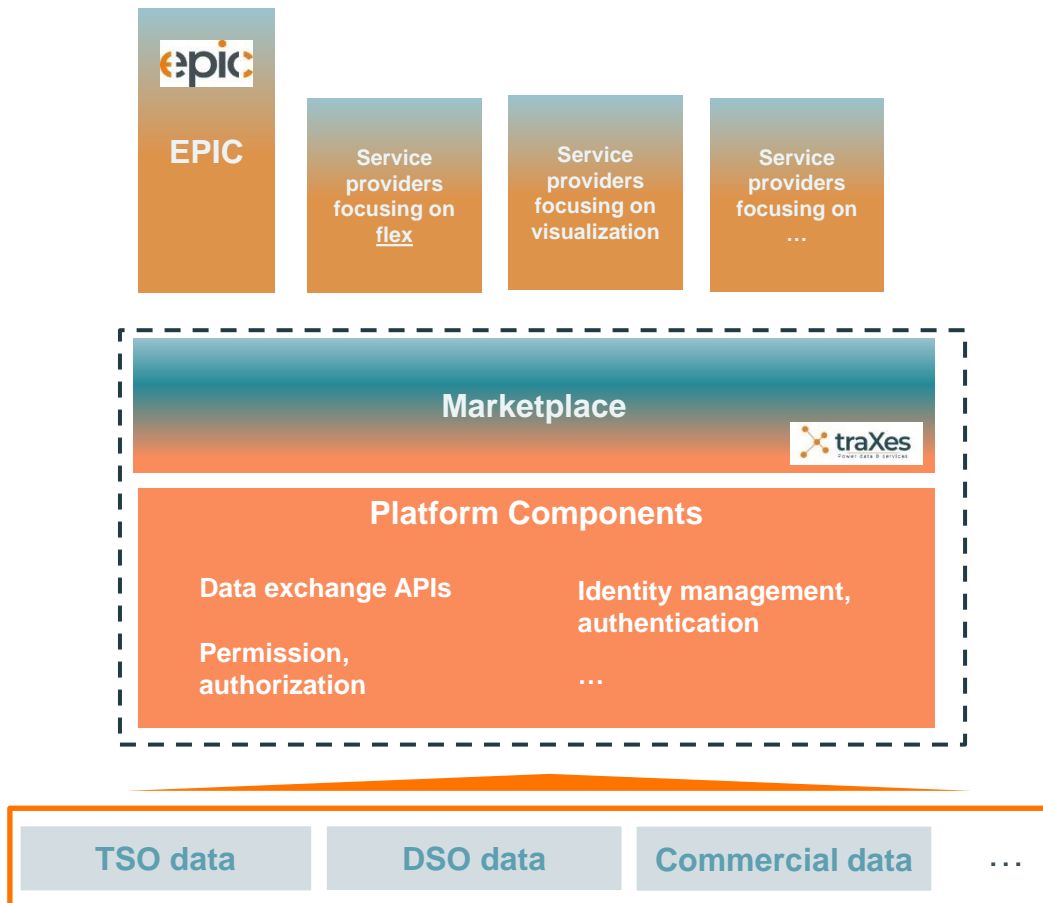
The enabling data infrastructure that is being developed by Elia can serve **other flexibility services**.

These services are enabled by the **same platform building blocks** as the initial flexibility services.

Interoperability within the energy sector should also be ensured.

Setting harmonized **standards** and a **governance framework** for the energy sector is key.

... also enabling data access and energy transactions for other use cases.



These enabling blocks are, by design, also being reflected upon to **allow other use cases that provide energy services.**

Interoperability with other sectors should also be ensured.

Collaboration with 50Hertz Transmission to evaluate how this framework can be extended to the German context

Connection to a **Common European Energy Data space.**