

***The power of digitalization in the new policy framework.  
The role of TSOs in new market design.***

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The main role of TSO will stay the same :

To ensure security of energy supply to consumers

But how?

# digitalization is enabling the transition

Clean Energy Package: consumers own their data

GDPR: data privacy must be ensured

# the story so far in Estonia

## Customer Empowerment through digitalisation:

100% smart meters  
(2013 – 2017)



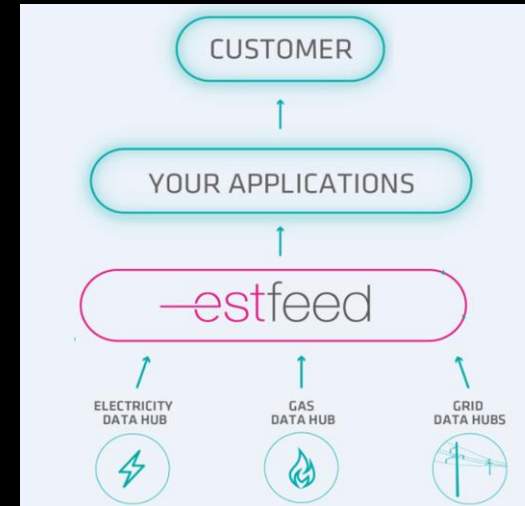
Landys-Gyr IDIS E450 PLC

Datahubs for electricity and gas  
(2013, 2016)



Image from Wikimedia

Estfeed data access platform  
(2017)



Flexibility,  
efficiency,  
optimisation  
providers can  
access smart  
meter data via  
Estfeed!

2013

2016

2017

38% households on hourly  
varying spot prices – low prices  
for consumers

Consumers own their  
energy data



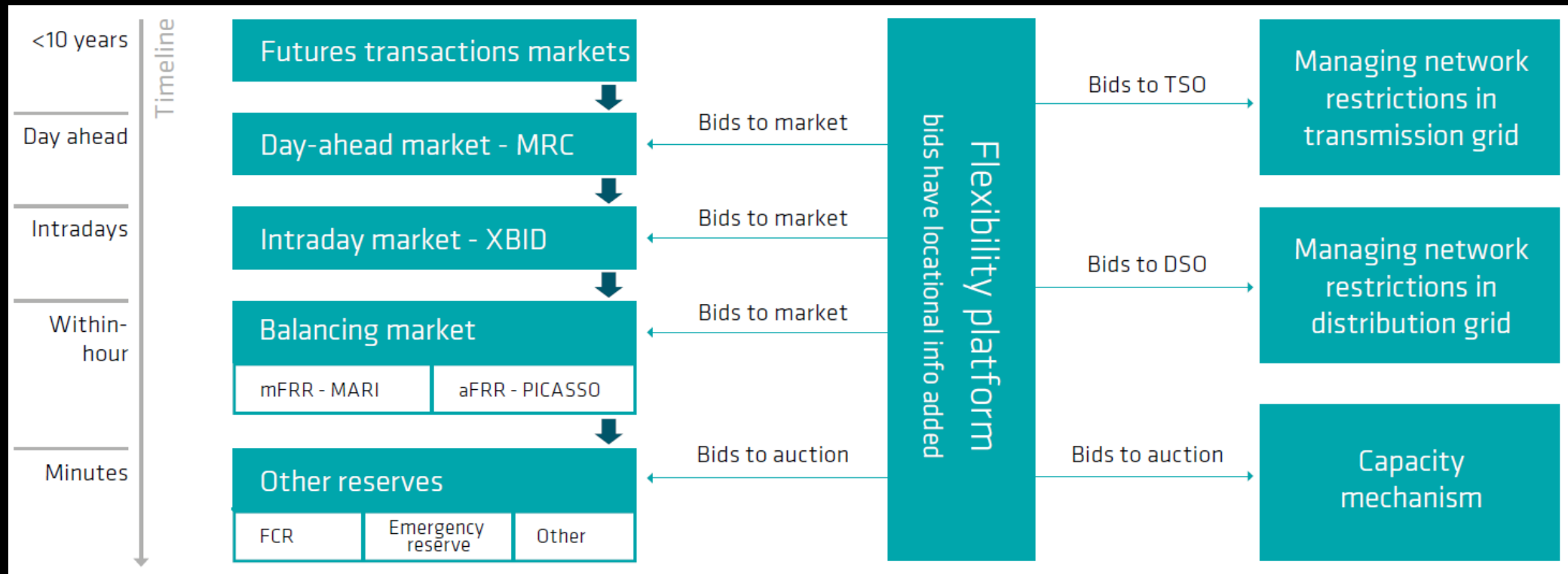
## **Connect energy datahubs in Europe to:**

- **Reduce barriers in retail competition**
- **Enable new energy services**
- **Enable cross-border energy retail contracts and energy services**

**System and grid operators  
need flexible resources**

# FI/EE/LV Flexibility Market Platform 2021

- To improve consumer (or other flexibility) business case, the consumer must be able to participate in all markets:
  - Electricity markets
  - TSO grid constraints
  - DSO grid constraints



## Recommendations for policy makers:

- abolition of exceptions and harmonization
- new services in data exchange need a boost:
  - ✓ (e.g) the multilayer and multiplayer coordination rules to policy
  - ✓ (e.g) cross-border exchange of data must be made mandatory



# Thank you!

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