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# VALUING FLEXIBILITY TO TRANSFORM POWER SYSTEMS



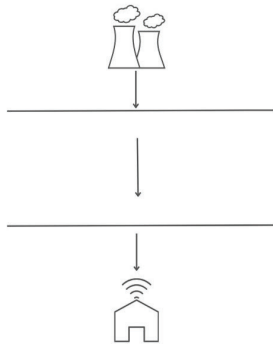
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# Accelerate the energy transition with Localflex markets

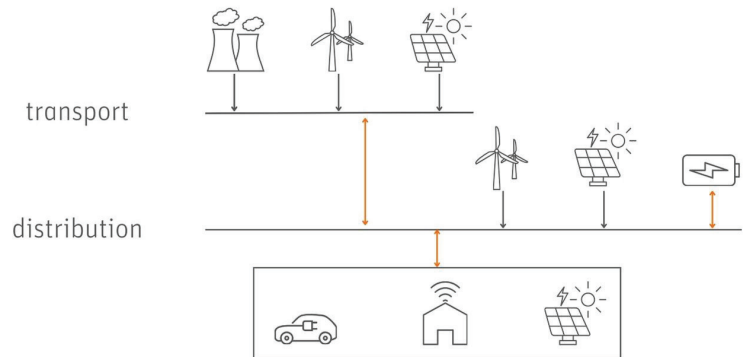
## THE OLD

centralised, dispatchable, unidirectional, large-scale



## THE NEW

distributed, intermittent, bi-directional, small-scale



The Localflex markets are **complementary** to existing wholesale and balancing markets.

### System operators:

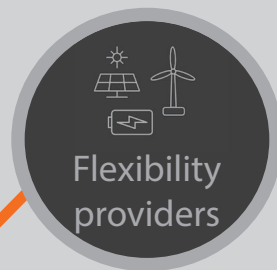
Localflex efficiently centralises flexibility offers where and when needed to relieve congestions on the grid



Grid planning and investment optimisation  
TSO/DSO coordination  
Active system management  
Access to a large flexibility base



High reliability  
Transparent pricing  
Fair and orderly market  
State-of-the-art trading platform



### Flexibility providers:

Localflex enables the wide variety of flexibility providers to monetise their flexibility

New revenue streams  
Capabilities to fully automate all market activities  
Open to both demand and generation resources, big and small  
Low barriers to entry

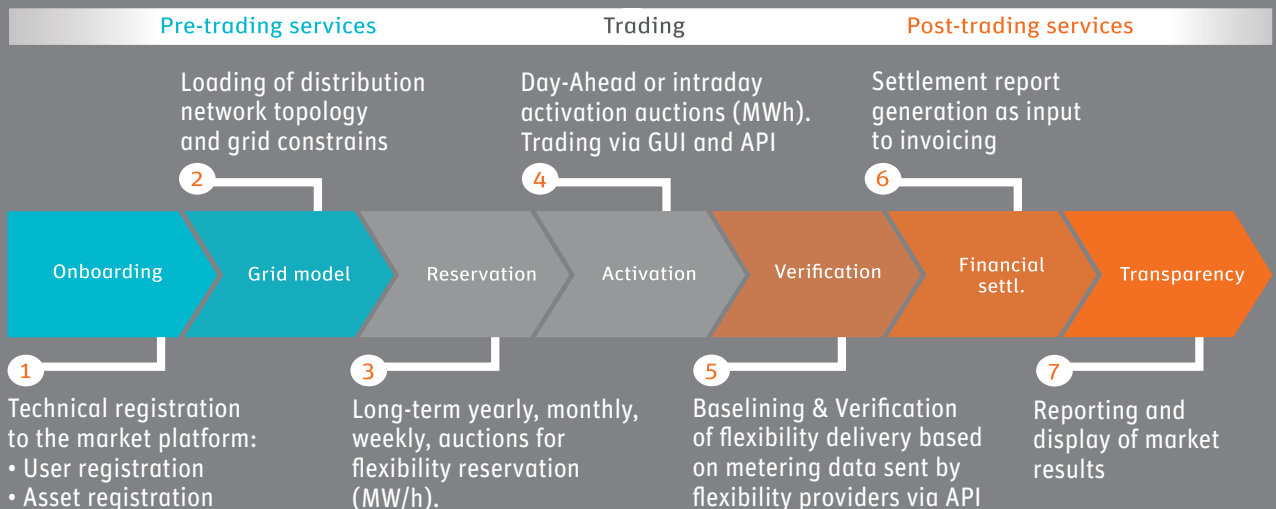
# Developing Localflex projects throughout the grid...

Localflex markets are about the implementation of a **market mechanism** which:

- **Efficiently centralises** local physical flexibility offers **where and when needed**
- Encompasses both **long-term reservation and short-term activation**
- Fosters the **development of flexibility sources**

...to unlock the true value of flexible assets

## Localflex covers the full end to end flexibility procurement lifecycle



# Market Solutions for System Operators

We offer smart market solutions and tools to Transmission and Distribution System Operators as well as flexibility providers to meet the challenges of today and tomorrow.

- › Implicit cross-zonal auctions
- › Adequacy marketplaces
- › Congestion management
- › Frequency Regulation & Balancing services
- › Data intelligence & consulting

Interested in partnering with us or benefitting from our market solutions?

Contact us: [localflex@epexspot.com](mailto:localflex@epexspot.com)

Visit our website: [www.epexspot.com/en/market-solutions-system-operators](http://www.epexspot.com/en/market-solutions-system-operators)

## Powered by



The EPEX Localflex markets use a state-of-the-art algorithm that ensures an optimal matching of flexibility supply and demand, offering possibilities to consider a wide range of constraints including TSO/DSO coordination.

This algorithm is developed by N-SIDE, a deeptech company that helps leading energy players make better, faster, and safer decisions. Additionally, N-SIDE is the algorithm provider for the pan-European Market Coupling.

## One membership

EPEX SPOT Membership gives access to the widest range of markets, services and products.

- › dayahead
- › intraday
- › capacity
- › origin
- › localflex
- › e-learning
- › marketdata

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