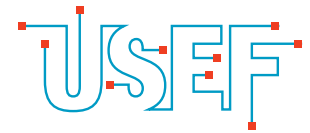


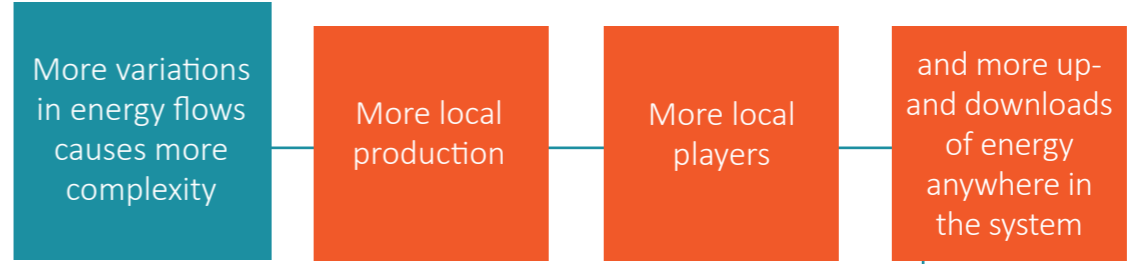
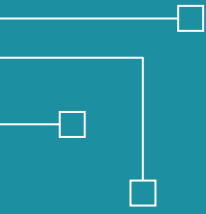


A solid
foundation for
smart energy
futures

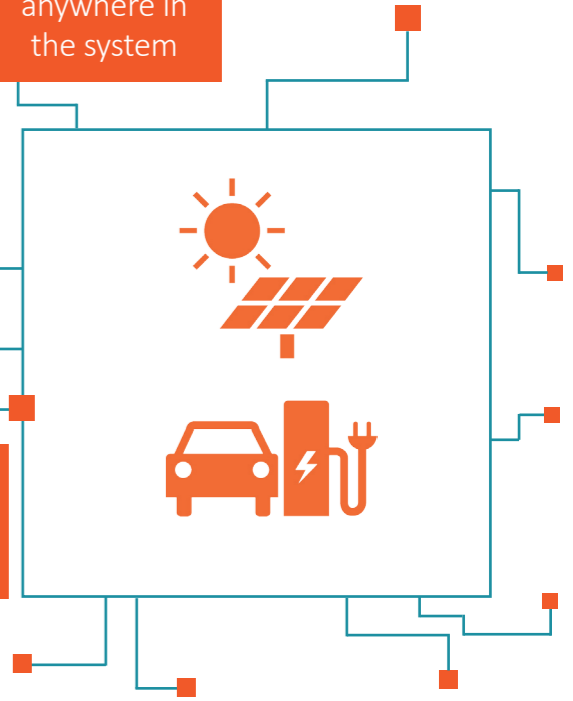
UNIVERSAL SMART ENERGY FRAMEWORK

Unlocking the market
for flexible energy use

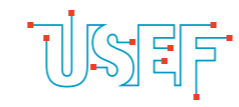




Energy system



Yet our current market system is not designed to facilitate more interaction.



FLEXIBILITY

To make the energy market truly sustainable – green, reliable and affordable- our system needs more flexibility.

We already utilize energy flexibility on a wholesale level, to avoid imbalance and transmission congestion. Yet we need the flexibility of prosumers to keep overall system costs low.

USEF is an extended market model revolving around localised flexible energy use. It fits on top of most market models and enables the active market participation of all players, new and traditional.

One integrated smart energy market

One common standard with specifications & rules

Many benefits for all in the system

Addressing the challenges of one integrated system

USEF, a non-commercial partnership, was founded in 2013 to design a scalable solution that recognizes the different stakeholders and their role in a coherent and commercially viable smart energy system and to accelerate its development.

FOUNDING PARTNERS:

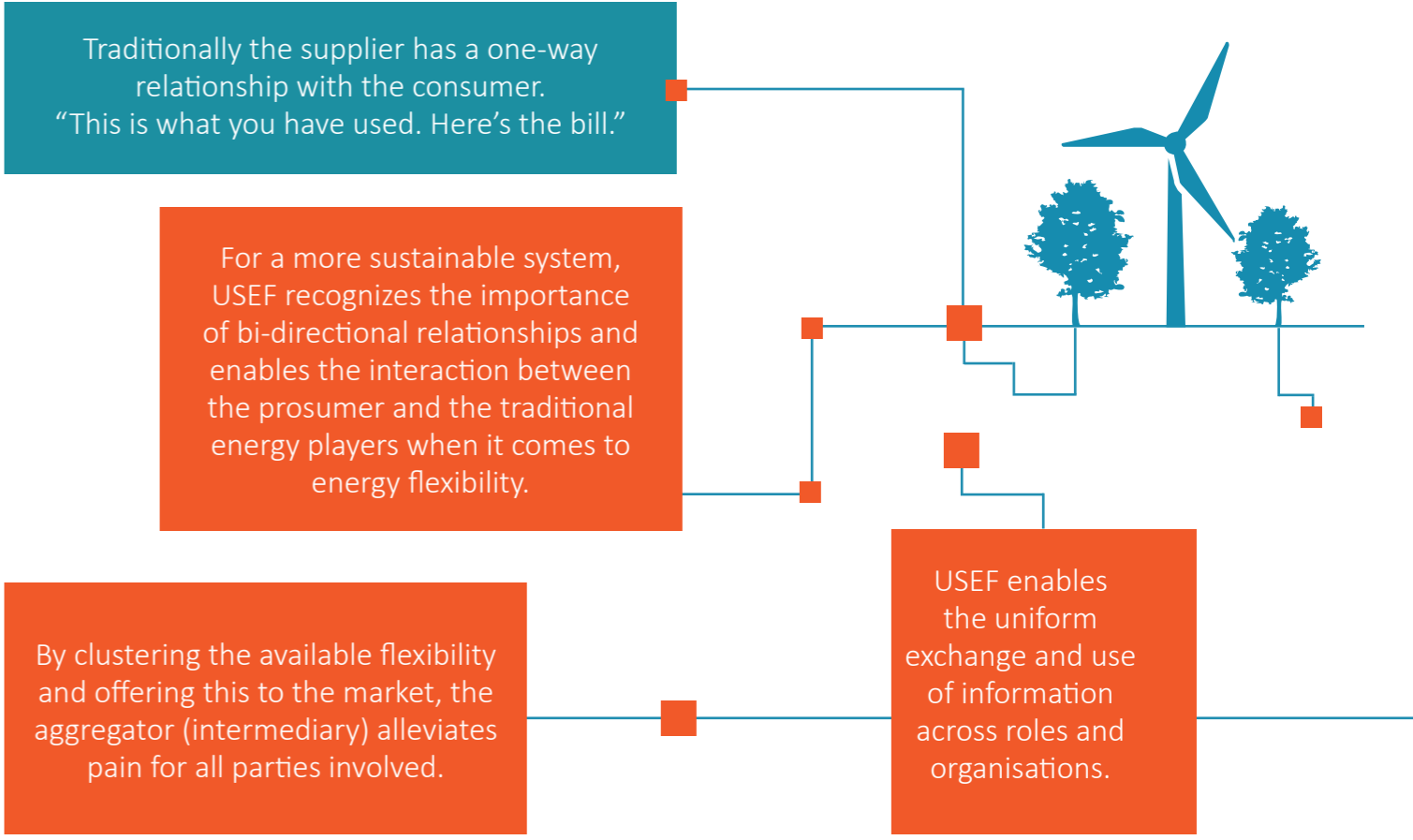
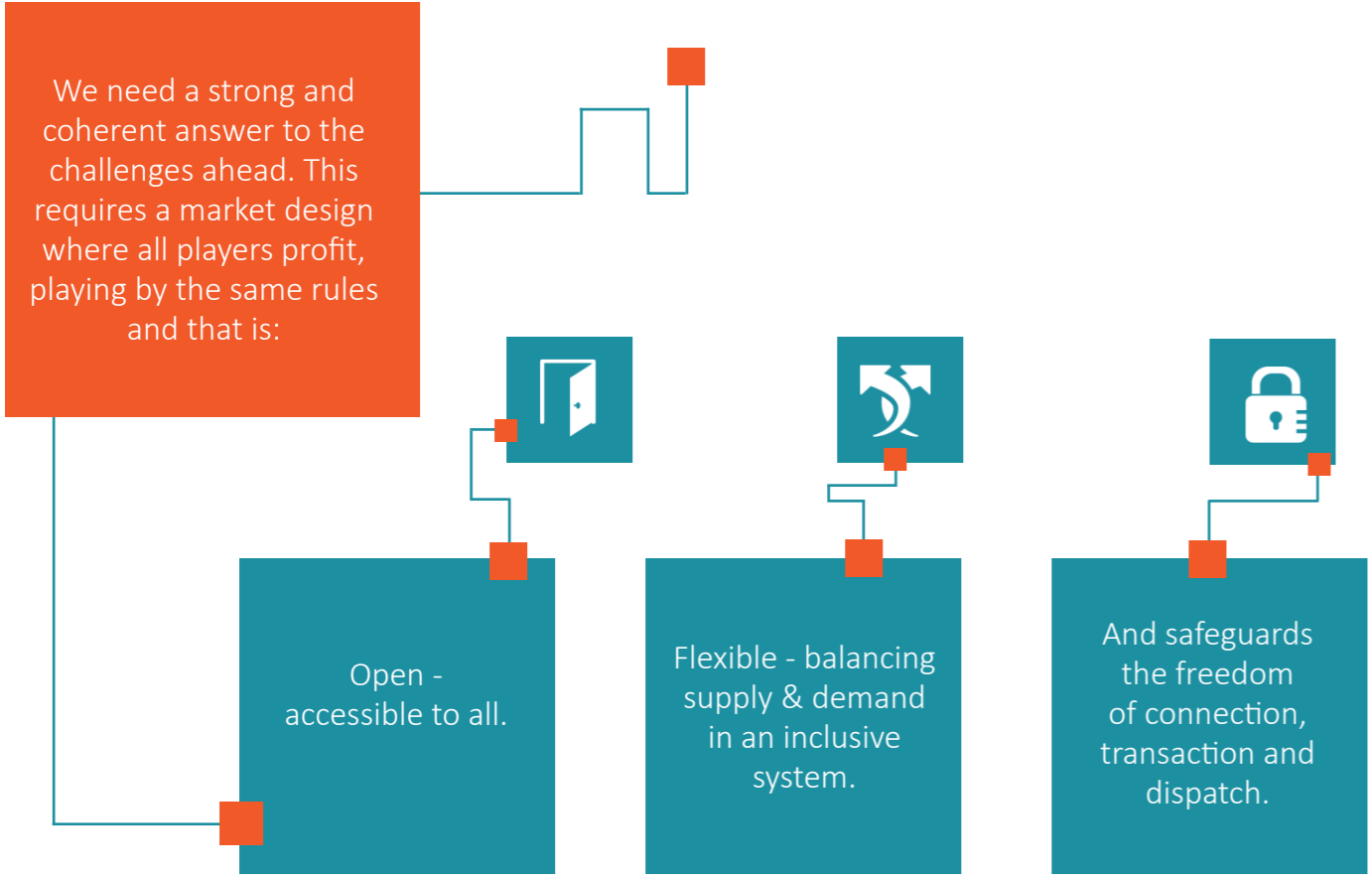


We believe that opening up an integral market for flexibility enables smarter solutions for energy exchange to the benefit of all in the system.

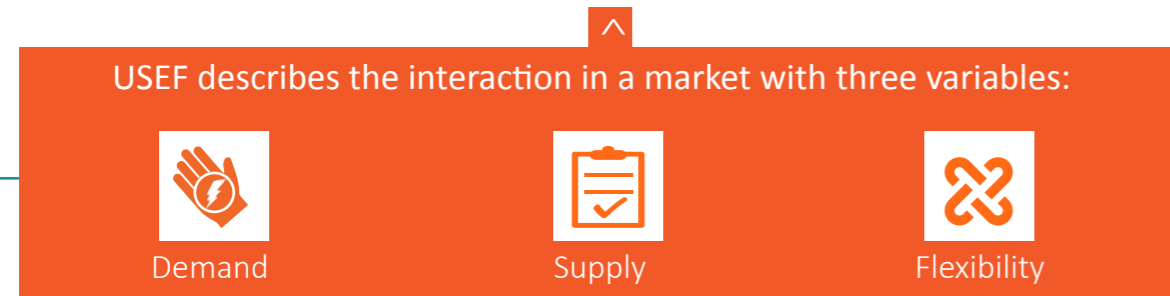
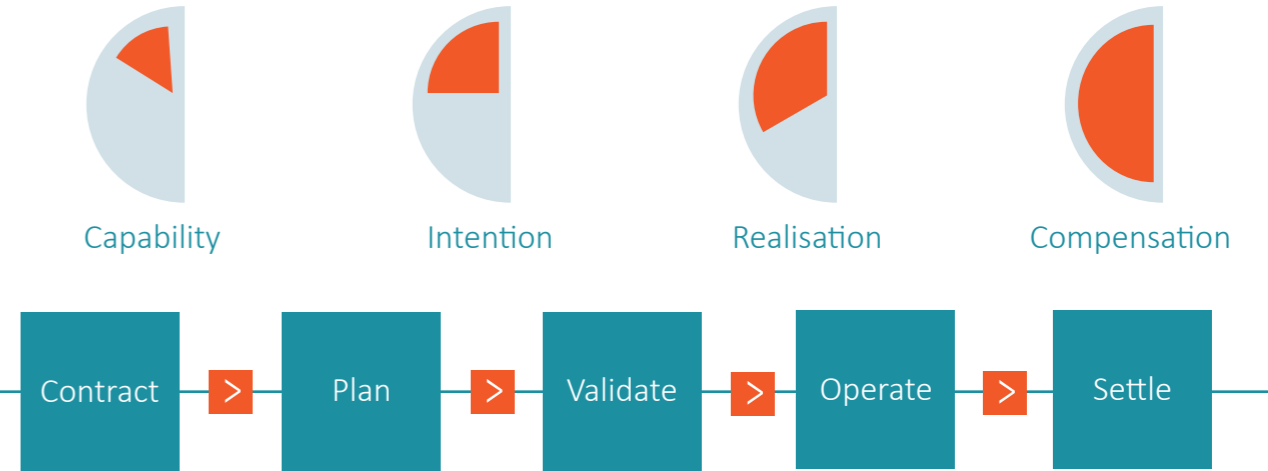
ONE INTEGRAL MARKET

Plus, we believe that in order to create such a market, we need to work together, along one common standard, joining forces across roles and boundaries.

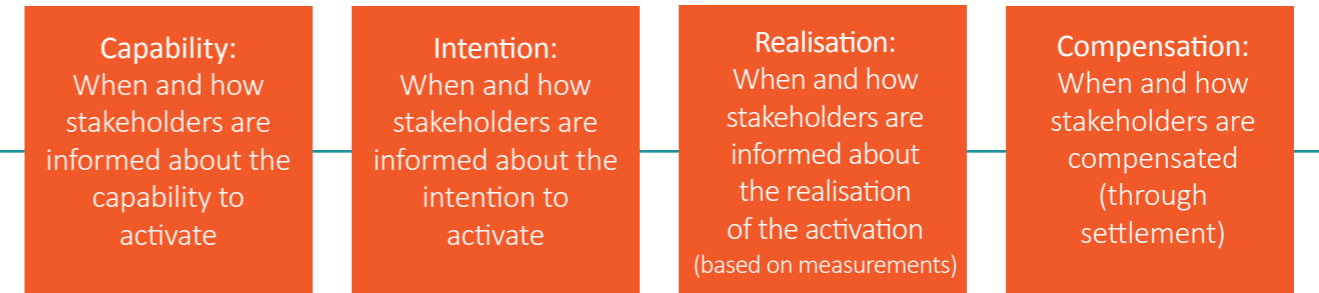


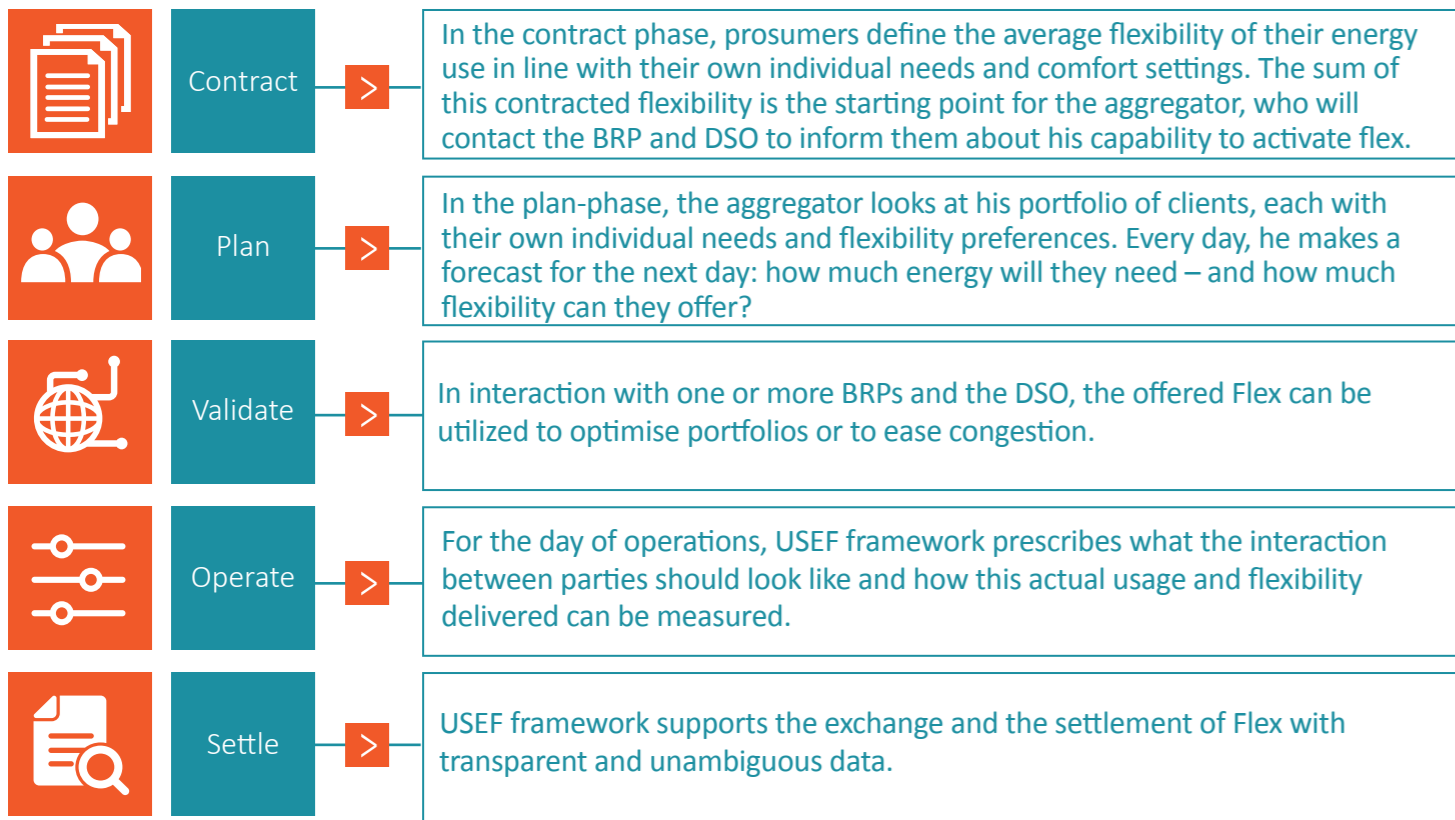


USEF is a framework, with roles, responsibilities and agreements.
 And with very clear processes for effective interaction. The key process of contracting, planning, validation, operation & settlement is comparable to the existing BRP wholesale process. But we also add usage prognoses for the individual consumers.



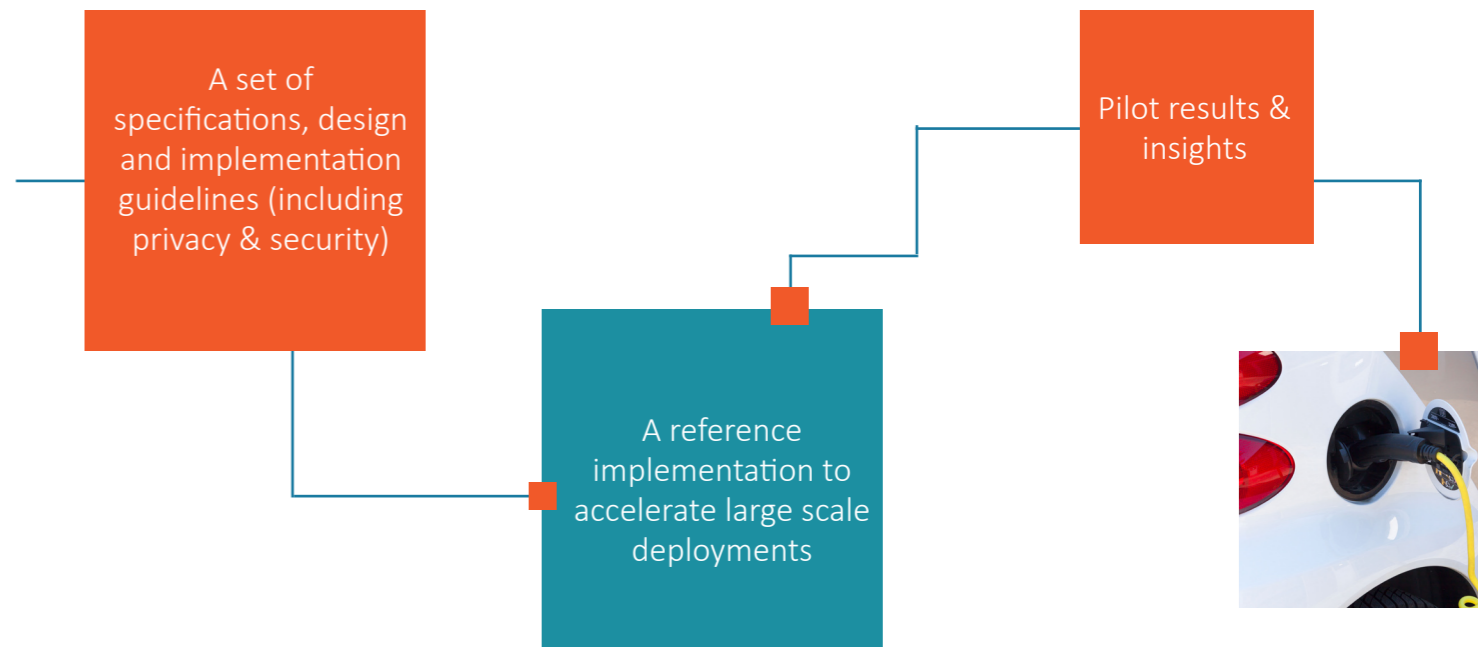
The flexibility market revolves around four basic steps, as part of the known processes:





The end result? More sustainable, more effective and thus more profitable use of the energy infrastructure.

USEF describes the market for flexibility and provides free access to

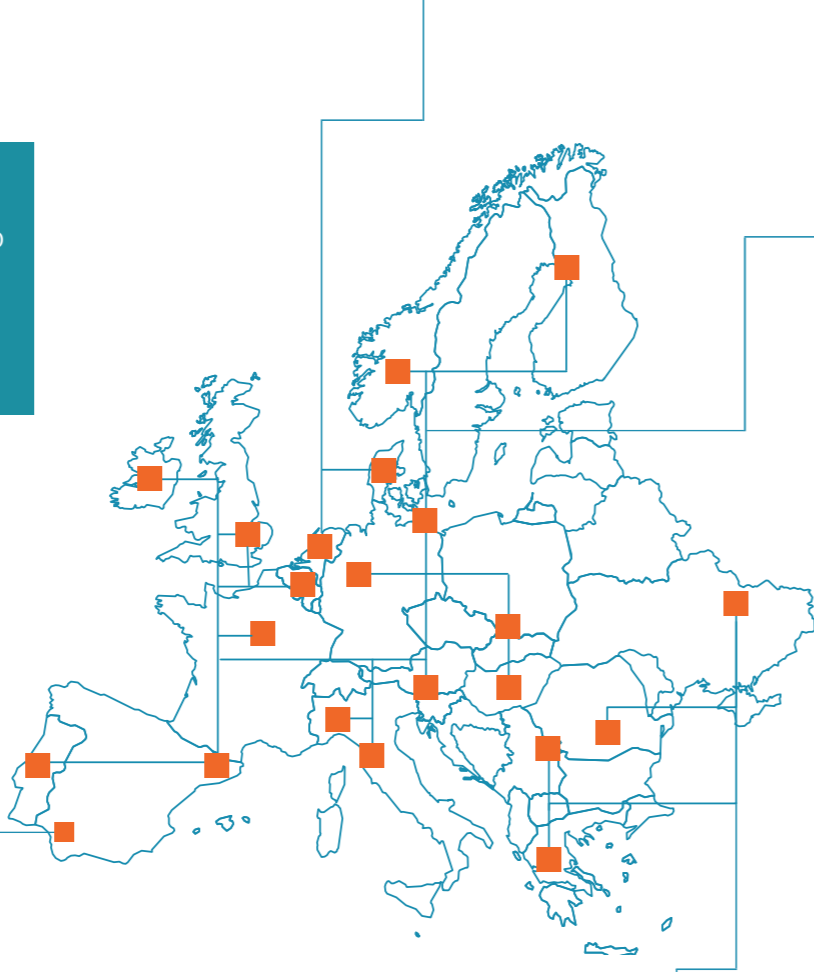


USEF market control mechanism creates the commercial conditions for large scale implementations, enhancing value creation.

Ambition

USEF aims to be the de facto standard for smart energy systems.

In 2020 we want to be part of 25% of all smart energy systems in at least 5 different markets.

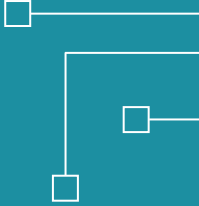


JOIN US

With existing detailed specifications and the first real-life pilots in the market, USEF is perhaps the most comprehensive, advanced initiative of its kind. Yet we look to expand our cooperation because we believe that working together across roles and boundaries is the fastest route to a fair and sustainable market.

By getting involved with USEF, you can help to shape the future integrated smart energy system.

WWW.USEF.ENERGY



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