



EUniversal
UMEI

Linking active system management to flexibility markets

The EUniversal project, funded by the European Union, aims to develop a universal approach on the use of flexibility by Distribution System Operators (DSO) and their interaction with the new flexibility markets, enabled through the development of the concept of the Universal Market Enabling Interface (UMEI) - a unique approach to foster interoperability across Europe.

The UMEI represents an innovative, agnostic, adaptable, modular and evolutionary approach that will be the basis for the development of new innovative services, market solutions and, above all, implementing the real mechanisms for active consumer, prosumer, and energy communities participation in the energy transition.

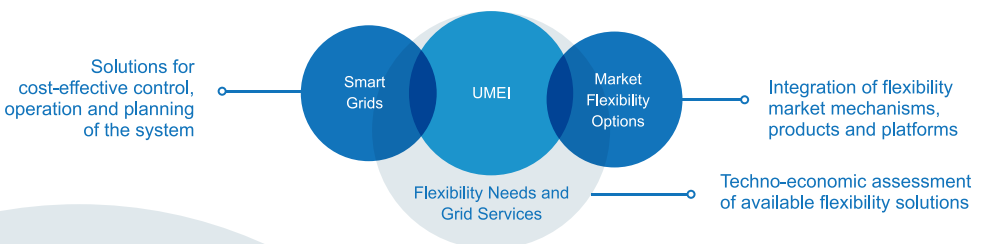
Project coordination: **E-REDES**

The consortium brings together 19 partners from 8 different European countries providing a multi-stakeholder approach.

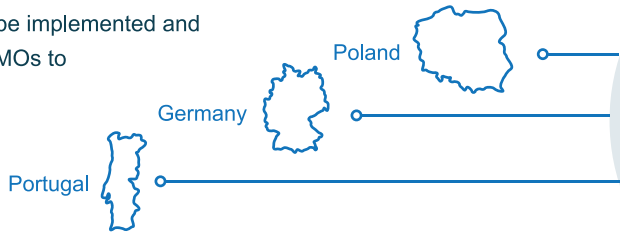


EUniversal aims to implement the UMEI concept and develop solutions to ensure effective implementation of an interoperable flexibility ecosystem across Europe.

How? A three-fold approach lays down the foundation for this implementation:



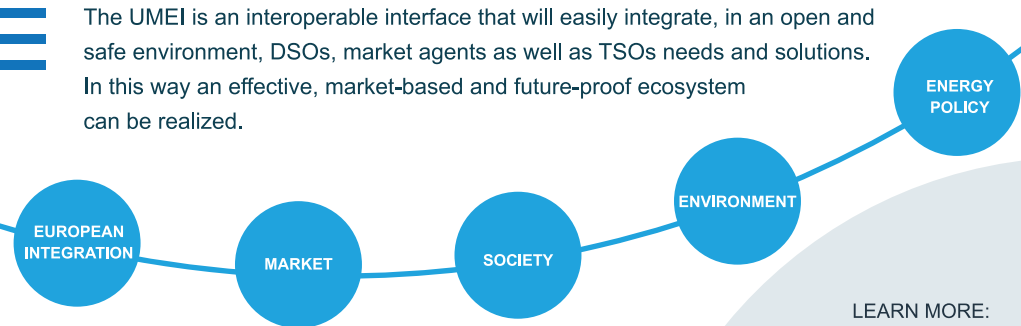
All these new capabilities will be implemented and tested in three multi-scale DEMOs to demonstrate their universality.



The specification of UMEI and of flexibility services will support future system operation standards towards the implementation of flexibility markets. These best practices are expected to be replicated across Europe towards a citizen-centric energy system.



The UMEI is an interoperable interface that will easily integrate, in an open and safe environment, DSOs, market agents as well as TSOs needs and solutions. In this way an effective, market-based and future-proof ecosystem can be realized.






LEARN MORE:



Start date:
1st of February 2020

End date:
31st of July 2023

-  euniversal.eu
-  twitter.com/EUniversal_proj
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