



# INTERFACE

An open architecture interface connecting TSOs, DSOs & consumers to provide innovative grid services for an efficient power system

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# We create the common platform: IEGSA ⚡

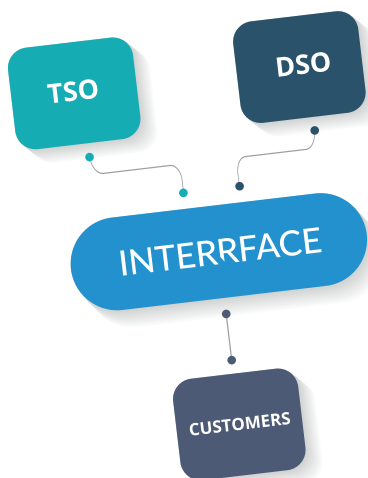
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## WHAT?

IEGSA platform (Integrated pan-European Grid Services Architecture) aims to bring all relevant actors of the energy value chain together, by connecting system operators, conventional and renewable producers, consumers, small prosumers, aggregators and market operators.

This new architecture allows better coordination between the system operators and new market participants, by providing central access to flexibility providers to offer services to TSOs and DSOs, during balancing and congestion management procurement.

This way IEGSA offers an innovative end to end solution, enhancing transparency and interoperability inside the energy market!



# HOW? IEGSA provides:



## A Flexibility Register for universal access

A module that allows Flexibility Service Providers bring their flexibility product to markets and all grid users, for an efficient and secure collection and sharing of information on potential sources of flexibility



## A TSO-DSO coordination platform

A gateway that grants IEGSA access to System Operators. It promotes TSO-DSO coordination through interoperable APIs, allowing network information exchange and efficient communication with the markets



## A single interface to the market

One single gateway, which ensures the standardized communication between market and system operators on the flexibility needs, trading results and settlement related information



## A settlement unit

A module allowing the energy and financial settlement, according to the rules of each market, focusing on the efficient provision of all required data by all involved parties for the execution of calculations



## Increase of harmonization and transparency in the energy market

INTERFACE sets the basis for a transparent market mechanism, along with the potential to address data interoperability within an interdisciplinary and multi-national environment and promote a systematic way, which adopts international standards

## WHERE?

Demo area 1: Congestion management and balancing issues

Demo area 2: The use of peer to peer transactions

Demo area 3: Step forward to integrated retail and wholesale market

## WHO?

42 partners from 16 countries:

Service & technology providers

Research institutions & universities

Energy suppliers & aggregators

TSOs, DSOs & regulators

IEGSA  
Open Call  
coming soon!  
Stay tuned!



InterfaceH



interface-h2020H



Scan here to learn more about the IEGSA Open Call!



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