



**Unleashing the software revolution utilities never knew they needed**

SMPnet combines academic knowledge and practical market experience to revolutionise power grid management through our groundbreaking Omega technology.

- Grid Management Software
- Catalyst for the energy transition
- Driving digitalisation in the energy sector

## Locations

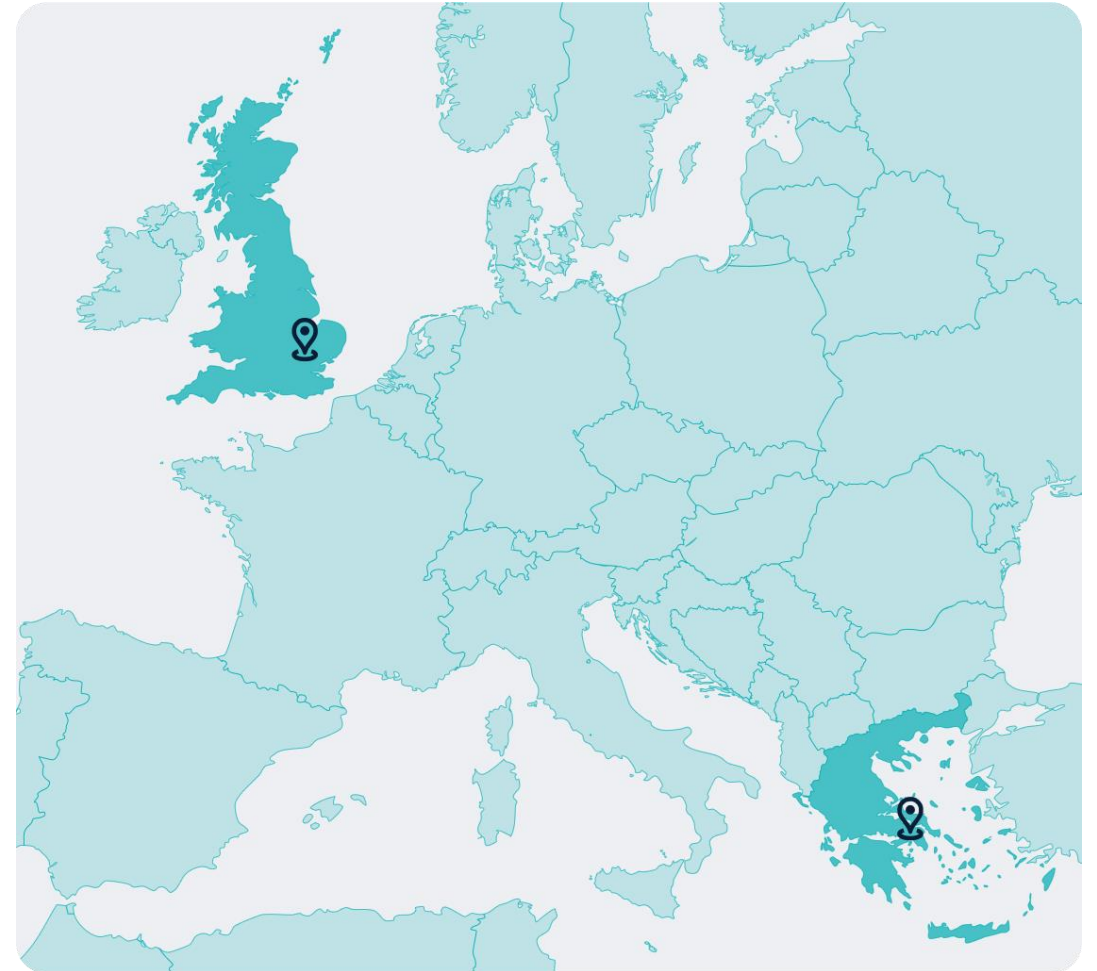
- Headquarters: London
- Technology base: Athens

## Vision

- Aspiring to be the world's leading solution for smart grid management

## Mission

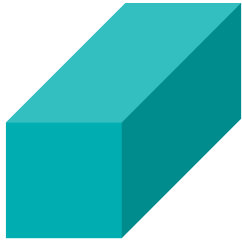
- Pioneering the path to a sustainable energy future



# The solution: Omega Effect on Utilities



## Omega **Aware**



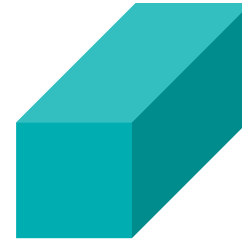
Advanced network monitoring & optimisation with SCADA, ADMS, DERMS integration; provides real-time analytics, customisable dashboards, demand forecasting, & carbon emission metrics.

## Omega **Clone**



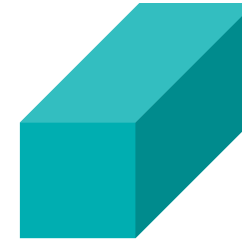
Digital twin tech for DNO-to-DSO transition: real-time monitoring, DER simulation, "what-if" analysis, & fault emulation

## Omega **OptiSys**



Advanced network optimisation with automated asset dispatch, adaptive optimisation, and multi-objective considerations.

## Omega **Control**

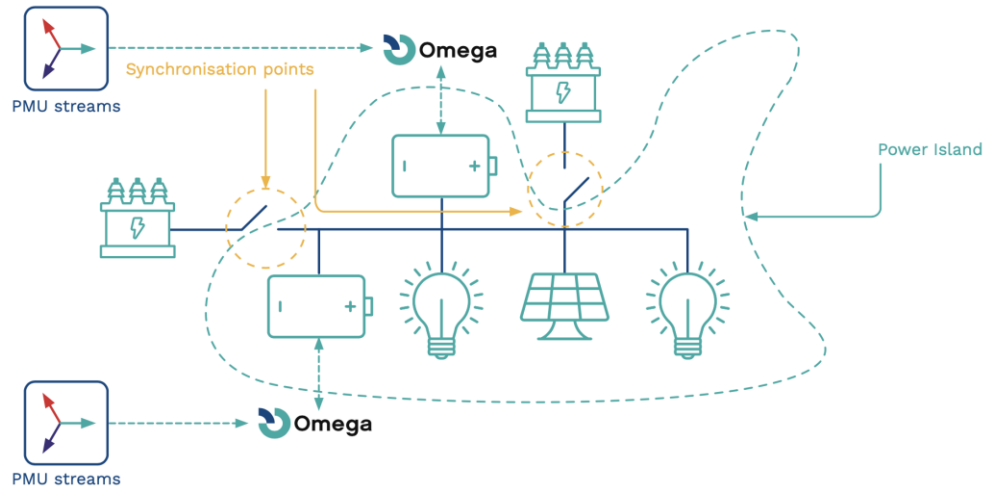


Advanced real-time control software for 100% renewables adaptation, island re-synchronisation, coordinated voltage & frequency management, and wide area control



**Case study**

# Case Study: Iberdrola Group

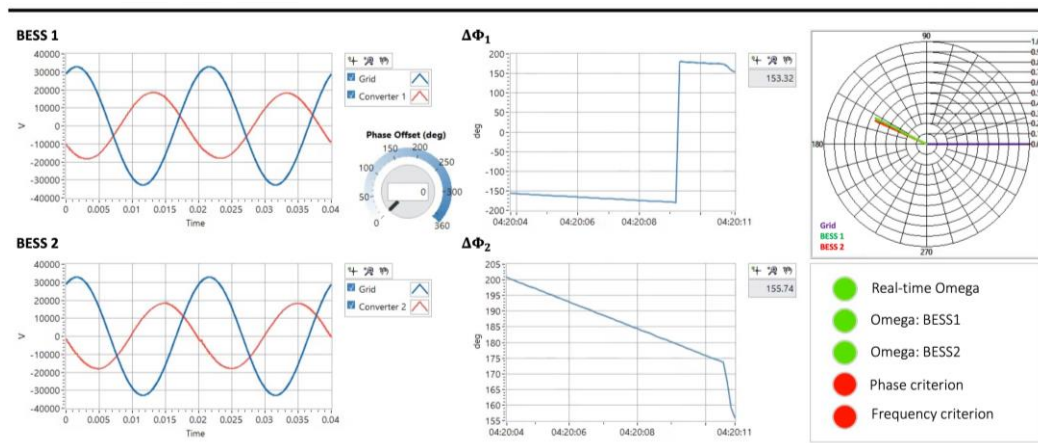


**Challenge:** Efficiently transitioning micro-grids between on-grid and off-grid modes for uninterrupted operation.

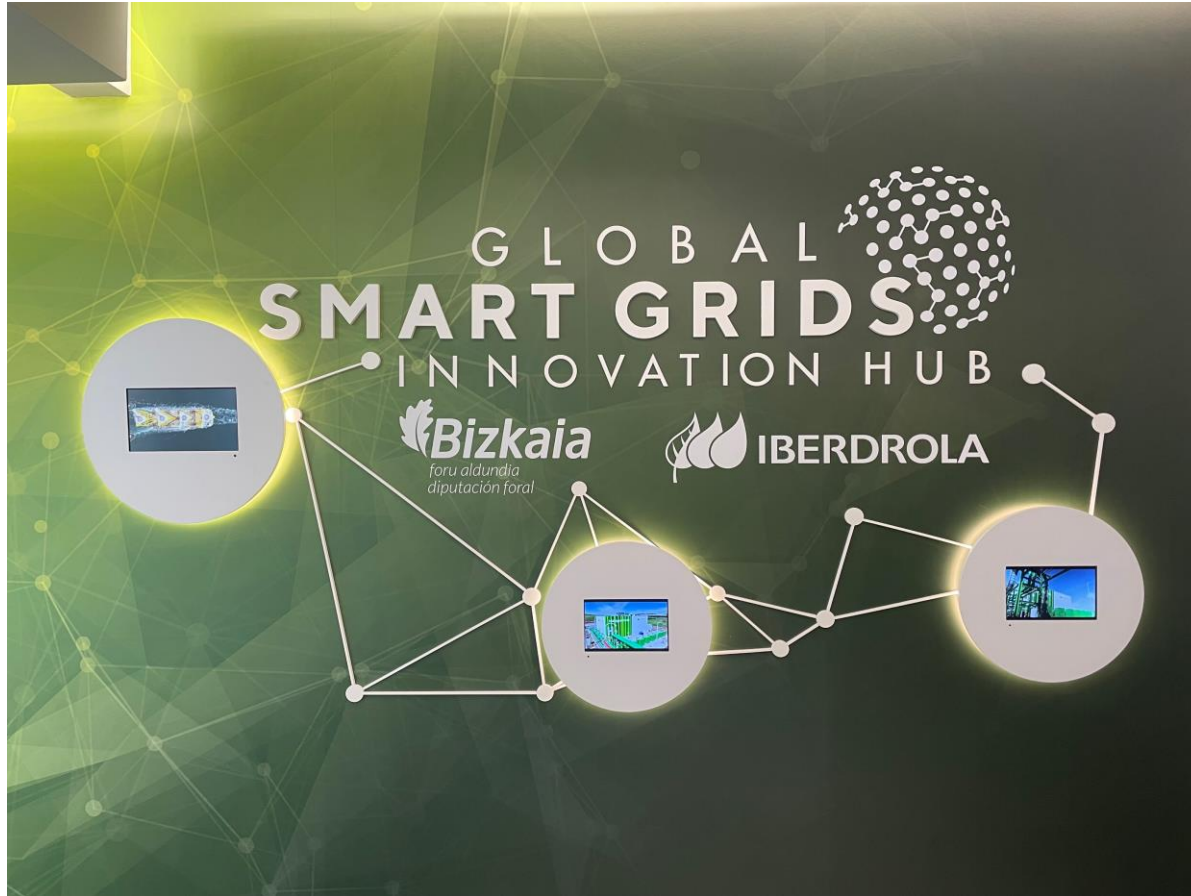
**Solution:** Omega coordinate, executed a seamless transition between modes, without operational shutdowns.

**Outcome:** We're ensuring operations remain uninterrupted, leading to increased efficiency and sustainability in power management.

**Implications:** This advancement marks a key step in our journey towards a more resilient and greener future in power management.



# Case Study: Iberdrola Group



**i-DE (Iberdrola Group):** SMPnet have successfully utilised Omega technology to address network distribution challenges, including power island re-synchronisation. Excited about its potential, we look forward to further collaboration to overcome various challenges across our business units.



# Thank You

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