

RGI – a unique cooperation between industry and civil society

We promote fair, transparent, sustainable grid development to enable the growth of renewables to achieve full decarbonisation in line with the Paris Agreement.



Renewables Grid Initiative

Supporting Member: **europacable**[®] Try life without us **IUCN**

amprion **REN** **elia** | Elia Group

EirGrid GROUP **Rte** **HOPS**

Terna **tennet** Taking power further

TRANSNET BW **50hertz** | Elia Group

red eléctrica **swissgrid**

LEGAMBIENTE **RSPB** **EMBER**

GERMANWATCH **CAN** CLIMATE ACTION NETWORK Europe **BirdLife INTERNATIONAL** BIRDLIFE EUROPE

WWF **NATUUR & MILIEU** **Friends of the Earth**

FRANCE NATURE ENVIRONNEMENT **ZERO**

NABU **FUNDACIÓN RENOVABLES** **BELLONA EUROPA**

Renewables Grid Initiative (RGI)

“ RGI is a unique collaboration of NGOs and TSOs from across Europe. We foster knowledge exchange and the implementation of better practices in nature protection and stakeholder engagement, and provide a platform to discuss grid infrastructure needs for the sake of the energy transition.

Across 3 Dimensions



TECHNICAL

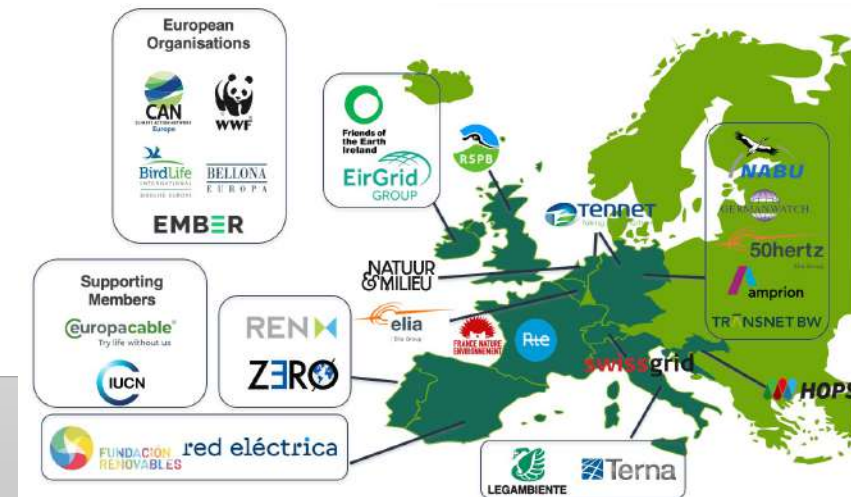


ENVIRONMENTAL



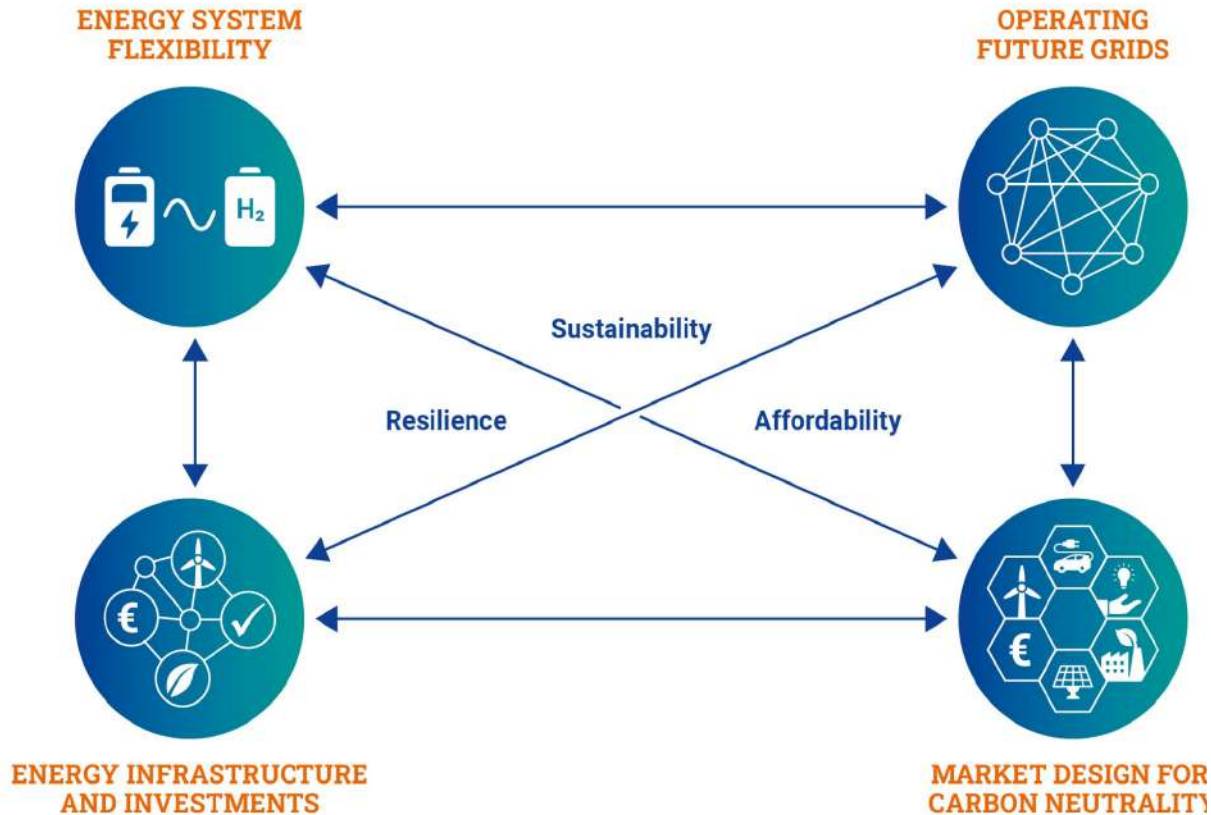
SOCIAL

Across Europe



ENTSO-E Vision: a Power System for a Carbon Neutral Europe

4 Key “Building Blocks” + System stability factors



Variable, Renewable Energy Resources

Conventional Power Electronics Interfaced Resources & Devices

Long Distance Transmission & Weak Connections

Long HVAC cables

Climate Change & Extreme conditions

Advanced Monitoring & Control of Stability

Simulation Techniques & Models

Controllable Resources & Flexibility

Grid Forming Capabilities of Power Electronics & Interoperability

Synchronous Generation

