

Interregional partnership for Smart Specialisation on SMART GRIDS

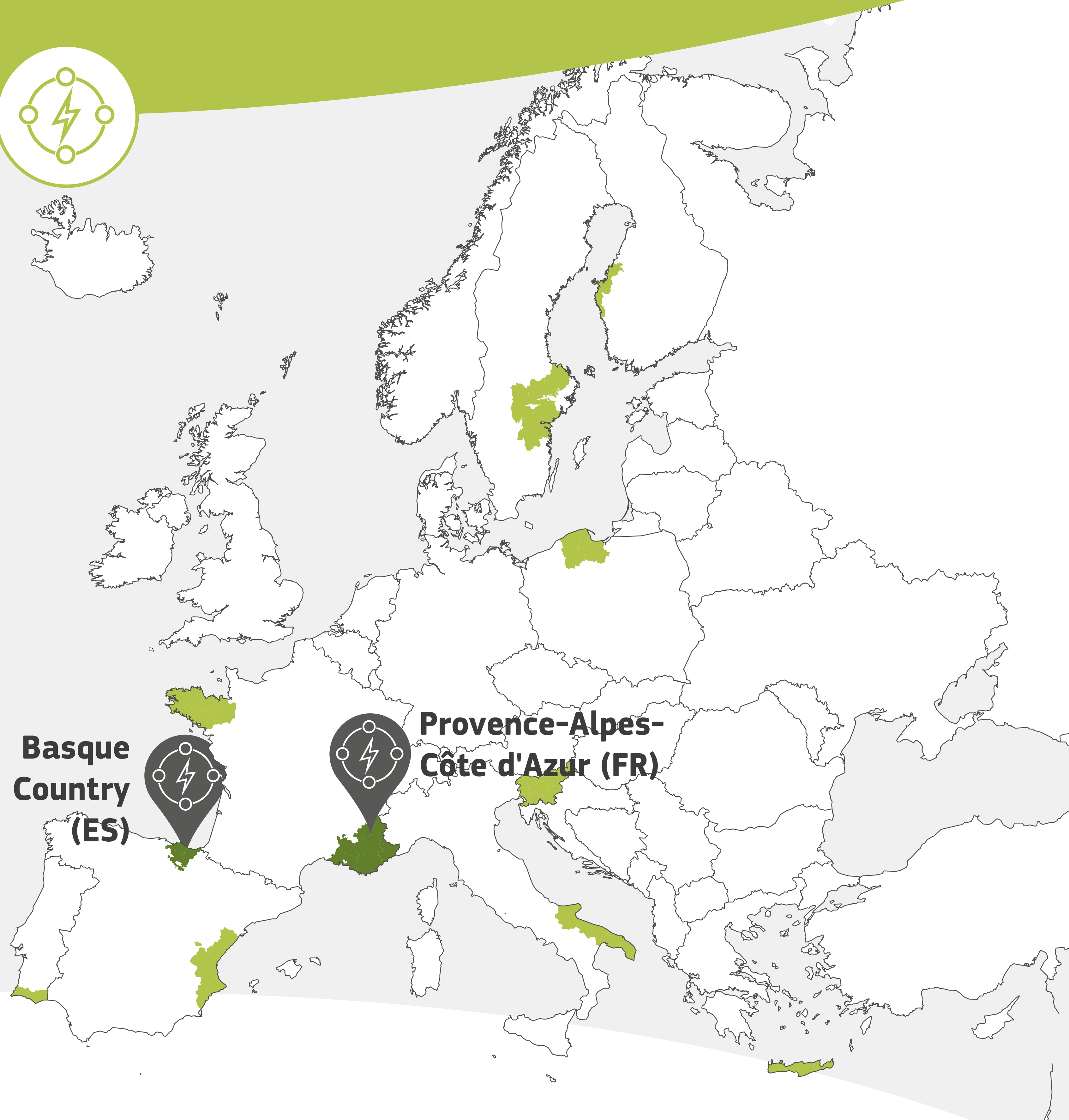


Leaders

Led by **Provence-Alpes-Côte d'Azur (FR)** and **Basque Country (ES)**, the partnership engages the participation of

11 REGIONS AND MEMBER STATES

The aim of the partnership is to increase the competitiveness of the partner regions by collectively fostering new business opportunities in order to develop an **overall approach to the value chain of smart grids**.



Reference topics

The partnership focuses on **innovative and industrial capabilities**, ranging from industry-oriented R&D to full large-scale deployment (market and industrialisation of solutions). The **priority areas** identified so far are the following:



Demand response

Management & tariffs



Cybersecurity

For **smart homes**
Compliance of Assets (all grid equipment) **Infrastructure** / sub-stations R&D



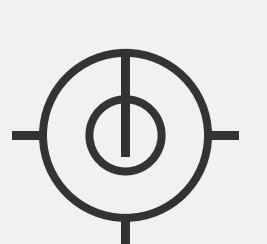
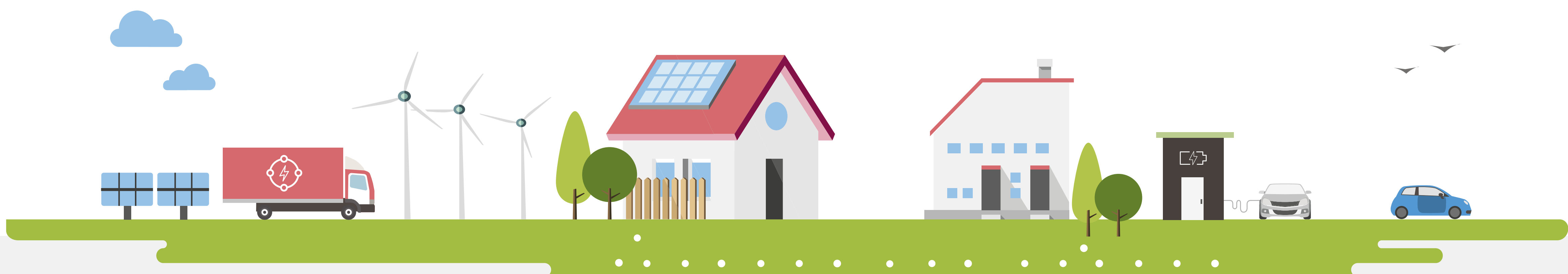
Network management

Artificial Intelligence for load management. Analytics for flexibility. Fostering the adoption of **solutions**



E-mobility

Power to **Gas**
Vehicle to grid
Fast-charging **stations**



Key factors

1

Smart grids are set to play a **crucial role in the decarbonisation** of the European economy.

2

Smart grids can enable **active consumers** and energy communities, supporting their direct participation into **more flexible energy markets**.

3

The growing installation of renewable energy sources (RES) is challenging the transmission and distribution grid infrastructure. The deployment of **smart grid solutions** can help to make these grids more flexible and able to cope with intermittent RES and with **new load consumption**.

4

Smart grids deployment will enable new services and create business opportunities for new and established actors thus contributing to **new jobs and growth**.

