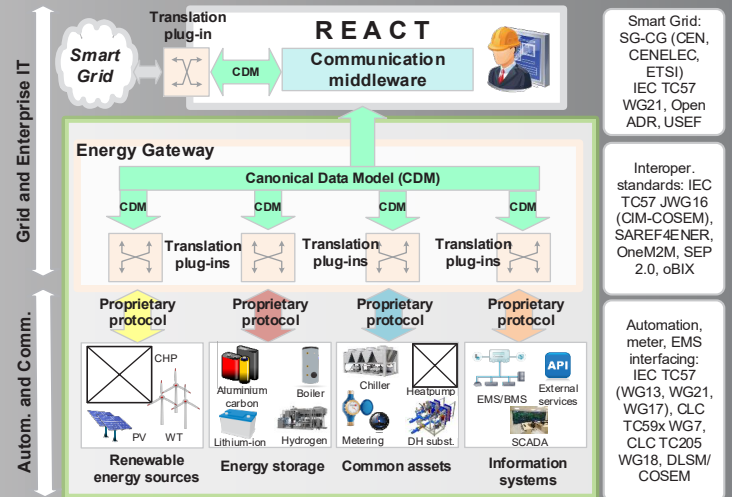


REACT

Renewable Energy for Self-Sustainable Island Communities

Geographical islands are highly dependent on the mainland energy market: this affects their energy security and increases energy costs by up to 400% with respect to the mainland.

REACT addresses the core of the problem by joining RES technologies available in the pilots sites and from consortium technology providers with innovative energy storage solutions and the necessary know-how to set up a scalable ICT platform that will enable an integrated and digitalised smart grid based on high flexibility services from distributed generation and demand response.



REACT will allow island communities:

100% energy autonomy

60% reduction of GHG emissions and energy costs

10% energy savings

A cooperative energy management strategy

3 PILOT ISLANDS
MARKET CONTEXTS
DIFFERENT CLIMATES

5 FOLLOWER ISLANDS
FOR LARGE SCALE
REPLICATION

COLLABORATION WITH
THE BRIDGE INITIATIVE



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