

Project of common interest:

10.5

Smart grid interconnection

Smart grids deployment

COUNTRIES INVOLVED

Austria (AT)
Italy (IT)

PROJECT PROMOTERS

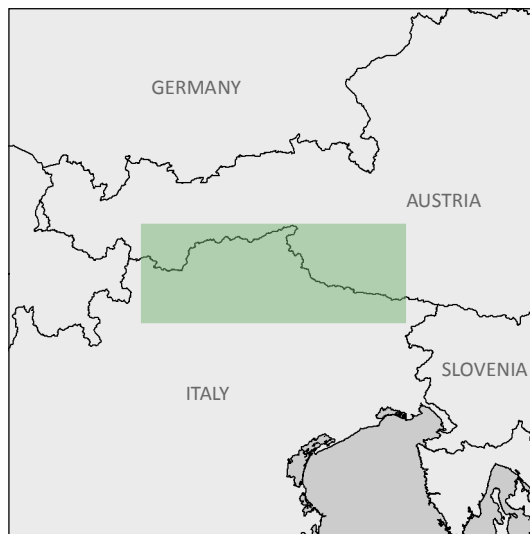
e-distribuzione (Italy)
www.e-distribuzione.it/it/progetti-e-innovazioni/alpgrid.html
ENEL Green Power (Italy)
ENEL Produzione (Italy)
Wiener Netze

LOCATION

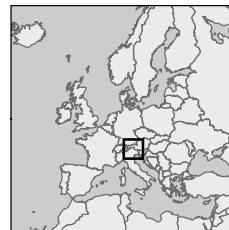
First level NIUTS regions: ITALY NORTH EAST, ITALY NORTH WEST, AUSTRIA SOUTH, AUSTRIA EAST, AUSTRIA WEST

COMMISSIONING DATE

2022



PCI 10.5 - Smart grid



Source: PLATTS, GISCO, European Commission

Definition

10.5 - ALPGRID (Austria, Italy) - An innovative integration of synergetic, mature, technology-based solutions in order to simultaneously increase the operational efficiency of the Italian and Austrian regional electricity systems

Type of technology employed

The ALPGRID project integrates the deployment of mature technology elements with an innovative, open, cross-border flexibility platform operated jointly by aggregators in Austria and Italy. DSOs will enhance their ability to monitor and control their respective distribution grids, whereas market players both provide additional flexibility both from new and existing flexible assets, including storage, and increase their ability to forecast non-dispatchable RES generation. Aggregators located both in Italy and Austria cooperate to jointly set up and operate a cross-border flexibility platform.

Implementation status

Under consideration

LAST UPDATE

March 2018

Energy

Note: The project location as depicted on the map is indicative only. The final location will be determined once the permit granting procedure has been completed.