



Finanziato
dall'Unione europea
NextGenerationEU



Ministero
dell'Università
e della Ricerca



Italiadomani
PIANO NAZIONALE
DI RIPRESA E RESILIENZA



New voltage regulators to support active users that include controllable loads, RES and storage systems in electric smart grids

Spoke 2

Task

2.2 Valorization of technologies for industrialization

FP 1

Decarbonization and digitalization in research on new green energy sources

Thematic line

Energy Transition

Workgroup

Giovanni M. Casolino, Mario Russo

Additional human resources

Tecnologo

Objective

Overcome technical barriers to the connection of distributed generation exploiting renewable energy sources and help the transition toward the electric smart grids

Use case /
Field of potential application

Industrial prototype to be tested in a distribution network

Starting TRL

4

Final TRL

7

Collaborations

REPL ITALIA S.r.l. (Gruppo REPL®), D.A.C. Engineering & Research S.r.l. (Startup)

Connections

Potential synergies with the activities of Spoke 1 of Uniroma3 and Uniroma2