



Finanziato  
dall'Unione europea  
NextGenerationEU



Ministero  
dell'Università  
e della Ricerca



Italiadomani  
PIANO NAZIONALE  
DI RIPRESA E RESILIENZA



## Innovative power electronic interfaces connecting RES and storage systems to smart distribution grids and microgrids

Spoke 2

Task

2.1 Valorization of research results for industrialization

FP 1

Decarbonization and digitalization in research on new green energy sources

Thematic line

Energy Transition

Workgroup

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Additional human resources

Iqrar Hussain (PhD)

Objective

Enabling Smart microgrids and Renewable Energy Communities through the smart interface of RES and storage systems and helping the transition toward the electric smart grid

Use case /  
Field of potential application

Renewable Energy Communities

Starting TRL

2

Final TRL

4

Collaborations

UniCampus Biomedico

Connections

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