



Finanziato
dall'Unione europea
NextGenerationEU



Ministero
dell'Università
e della Ricerca



Italiadomani
PIANO NAZIONALE
DI RIPRESA E RESILIENZA



Production of green hydrogen from renewable sources used in natural gas transportation networks. Power to Gas (PtG) plants

Spoke 1

Task

1.2 Industrial and Applied Research

FP 1

Decarbonization and digitalization in research on new green energy sources

Thematic line

Energy Transition

Workgroup

Fausto Arpino, Giorgio Ficco, Gino Cortellessa

Additional human resources

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Objective

Production of Green Hydrogen to be injected in the national Natural Gas (NG) transmission network with the objective to store excessive energy from renewable plants, to decarbonize NG transmission network and to decarbonize the hard to abate sector

Use case /

Field of potential application

Decarbonization

Starting TRL

2-3

Final TRL

4-5

Collaborations

possibile collaboration with UNIROMA1 and Società Gasdotti Italia (SGI)

Connections

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