



Finanziato
dall'Unione europea
NextGenerationEU



Ministero
dell'Università
e della Ricerca



Italiadomani
PIANO NAZIONALE
DI RIPRESA E RESILIENZA



Bio inspired technologies for a sustainable ground improvement

Spoke 1

Task

1.2 Industrial and Applied Research

FP 2

Energy transition and digital transition in urban regeneration and construction

Thematic line

Energy Transition

Workgroup

Giuseppe Modoni, Erminio Salvatore

Additional human resources

Michela Arciero (PhD)

Objective

Develop sustainable ground improvement technologies to improve the seismic response of foundations

Use case /
Field of potential application

Ground improvement against seismic liquefaction risk

Starting TRL

2

Final TRL

4

Collaborations

Istanbul Universitesi, University Federico II Napoli

Connections

Material thematic of Roma Tre (prof. Formica)