



Finanziato
dall'Unione europea
NextGenerationEU



Ministero
dell'Università
e della Ricerca



Italiadomani
PIANO NAZIONALE
DI RIPRESA E RESILIENZA



Numerical simulation and modeling of different waste treatment processes through different approaches (from 0D lumped-parameter model to complex 3D CFD models): e.g. waste-to-energy plants, biomass gasifiers

Spoke 2

Task

2.1 Valorization of research results for industrialization

FP 3

Digital transition in the decarbonization process and in waste recycling processes

Thematic line

Energy Transition

Workgroup

Fausto Arpino, Gino Cortellessa, Luca Stabile

Additional human resources

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Objective

The main objective of the activity is a detailed analysis performance specific conversion processes within complex industrial conversion plants

Use case /
Field of potential application

Environmental impact and emission prediction

Starting TRL

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Final TRL

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Collaborations

Potential collaboration with Università di Roma Sapienza

Connections

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