



NOVEL CERAMIC MATRIX COMPOSITES PRODUCED WITH MICROWAVE ASSISTED CHEMICAL VAPOUR INFILTRATION PROCESS FOR ENERGY-INTENSIVE INDUSTRIES

THE CEM-WAVE PROJECT

The CEM-WAVE project aims at validating an innovative Microwave-assisted Chemical Vapour Infiltration technology to produce Ceramic Matrix Composites. Promising a significant reduction in production costs, CEM-WAVE answers the need for high-performance materials that can withstand the fluctuating and extreme manufacturing conditions created by the growing use of renewable energy sources in heavy industry, such as steelmaking.

Overall project budget: € 4 878 720

EU contribution: € 4 878 720

Start date: 1 October 2020

End date: 31 March 2024

Total months: 42

PARTNERS



UNIVERSITÀ DI PISA

UNIVERSITÀ DI PISA / PROJECT COORDINATOR



Italy



AGENZIA NAZIONALE PER LE NUOVE TECNOLOGIE, L'ENERGIA E LO SVILUPPO ECONOMICO SOSTENIBILE



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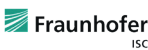
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