



PRESS RELEASE

Rieti, 30th October 2024

SUPREMAS – Syngas modular Units Providing Renewable Energy from Multiple wAstes and for different useS

The 1st General Assembly of the EU funded SUPREMAS project (website: www.supremas.eu) took place at the headquarters of RESET in Rieti (Italy) on 29th and 30th October 2024. During the GA the SUPREMAS partners shared the main project advancements to define the next steps to be done for a successful project continuation.



The partners had the opportunity to visit the RESET's facilities and two gasification plants for the syngas production.



SUPREMAS has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement no. 101160713



Project summary

SUPREMAS is a project co-financed by the European Union with the aim of advancing the European technology leadership in bio-energy development, fostering decentralized gas systems development and contributing to the energy transition for different use cases. SUPREMAS will develop cost-effective modular and movable syngas production units particularly suitable to treat sewage sludge, digestate and the organic fraction of municipal solid waste as well. The environmental sustainability, and technical-economic viability of the proposed solutions will be validated through two demonstrators in Spain and Portugal. A deep replicability assessment will be done, and pre-feasibility analysis developed in 10 further demo sites across all over Europe. The project duration is 4 years, from May 2024 to April 2028.

Project Consortium

SUPREMAS Consortium consists of 12 organizations from 7 different countries (IT, SE, FR, DE, ES, BE, PT). The Multinational Engineering Consultancy company RINA-C coordinates the Consortium which includes product design and manufacturing company RESET, Waste Water Treatment Plant and Waste Management companies (AE dP, AGROAMB), experts in energy management ICT solutions development (ARTE), solutions adaptation to help market uptake (ENGREEN, WIP) as well as stakeholders' engagement, also guaranteeing proper dissemination of project results.



The consortium also has academic and research organizations (MDU, CIRCE, CIAIE), Associations (ERGAR) and Innovation partners (SEZ), facilitating the exchange of knowledge between complementary forces (academy and companies), which consequently will be reflected in the quality of the developed work.

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