



PRESS RELEASE

Lüneburg, Germany, 16th June 2026

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

The 2nd Replication Workshop of the European project SUPREMAS (website: www.supremas.eu) took place at the startup and innovation center e.novum in Lüneburg, Germany, on 16th June 2026.

The workshop was organised by the SUPREMAS partner [Steinbeis Europa Zentrum](#) with the cooperation of the Economic Development Agency of Lüneburg, [Wirtschaftsförderung Lüneburg](#).

The region of Lüneburg has a high potential for the replication of the SUPREMAS results, since it is characterized by:

- **Available waste and potential biomass streams.** Lüneburg district uses biomass as a relevant part of its renewable mix (~25%).
- **Strong focus on decentralised energy systems.** Lüneburg district has the strategy to become a “100% renewable energy region” with local energy planning.
- **High demand for renewable heat solutions.** Ongoing initiatives in Lüneburg already aim to develop climate-neutral heat supply.



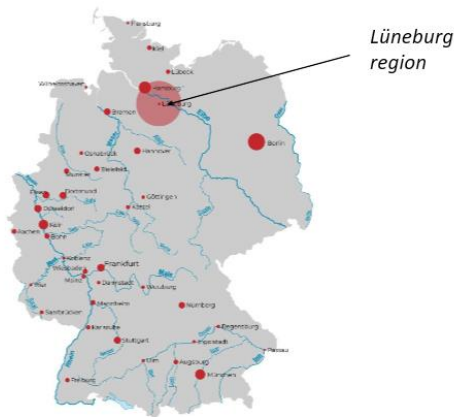
Mario Leupold, Managing Director of [Wirtschaftsförderung Lüneburg](#), opened the workshop. The participants were provided with an overview of the SUPREMAS project by Luise Sanders and Lukas Weindl, Project Managers of Steinbeis. Helge Kutzner, Managing Director of [BIONON](#), informed the participants on the availability of biomass in region and possible usage of SUPREMAS technologies for Lüneburg district. The participants took actively part to the workshop to identify the barriers and potentials for the use of biomass wastes of the region.



The workshop included the **visit to the wastewater treatment plant** of Lüneburg. The visit was guided by Lars Strehse, Managing Director of Abwasser, Grün & Lüneburger Service GmbH ([AGL](#)).



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



Lüneburg region

Map of Germany, Source: [Stadtführungen Lüneburg](#)



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 develops 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, Wastewater Treatment Plant and Waste Management companies (AEdP, 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, CIIAE), 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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