

PRESS RELEASE

SINNOGENES advancements presented in CEDER-CIEMAT facilities

On November 28, 2024, a face-to-face meeting took place at the CEDER-CIEMAT facilities in Lubia (Soria) as part of the European H2020-TIGON project.

The event brought together numerous members of the TIGON consortium, including leading institutions and companies such as CIRCE, CEA, CERTH, CARTIF, AKUO ENERGY, TURKU AMK, RINA-C, PREMO, ICONS and CIEMAT.



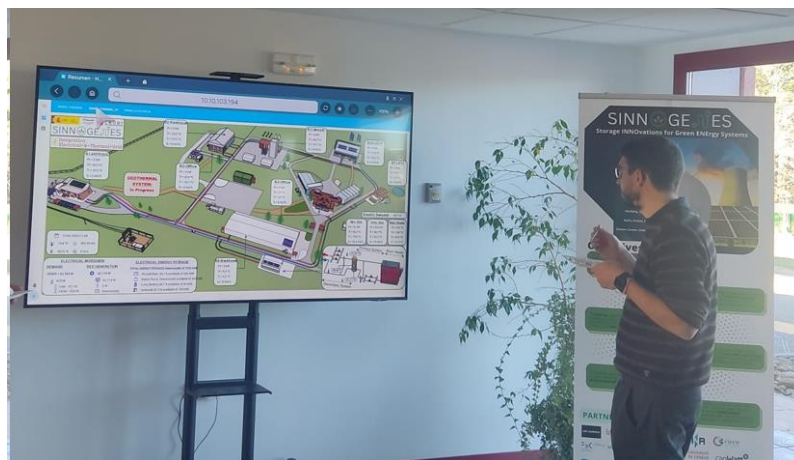
Co-funded by
the European Union

This project has received co-funding from the European Union's Horizon programme under the Grant Agreement No. 101096992

A key highlight of the event was the presentation of advancements related to the hybrid DC and AC grid developed at the CEDER-CIEMAT facilities. The center's microgrid team showcased achievements in design, monitoring, and control, underscoring the role of these technologies in the energy transition toward a more sustainable and efficient model.



Participants also visited the PEPA III facilities, where advancements in the **SINNOGENES** project were presented. This initiative focuses on the development of a decoupling converter and studies to stabilize the distribution grid using energy storage systems with fast response capabilities.



The day concluded with a presentation of the CEDER-CIEMAT microgrid control system and its integration with the district heating network. This system serves as a tangible example of how advanced technologies can optimize energy management in complex environments, contributing to emission reductions and increased operational efficiency.

Disclaimer

Co-funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Climate, Infrastructure and Environment Executive Agency (CINEA). Neither the European Union nor the granting authority can be held responsible for them.

PARTNERS



FOLLOW ON SOCIAL

Three QR codes are provided for social media: LinkedIn, Twitter, and YouTube.

SINNOGENES
Storage INNOvations for Green ENERGY Systems
www.sinnogenes.eu