

SHAREDH2 - SUDOE

Seminars on energy use in rural areas and the integration of green hydrogen technologies in energy communities

Presentation of the SHAREDH2 SUDOE innovation project on energy communities and hydrogen

The European SharedH2-SUDOE project seeks to consolidate renewable hydrogen as a viable energy storage solution in self-consumption communities, especially in rural areas. The initiative, which covers territories in Spain, Portugal and France, aims to advance technical and scientific knowledge in the sector, as well as to test innovative solutions in at least three strategic locations within the SUDOE territory through pilot cases.

Specifically, the project's pilot schemes are designed to be integrated into local environments, with a focus on minimising impacts on existing habitats. Furthermore, by promoting the use of renewable energy and storage via green hydrogen, the project helps to improve air quality, reduce pressure on natural resources and move towards more resilient and environmentally friendly energy systems.

The webinar aims to present the simulation platform and pilot cases developed within the framework of the project.

Date: 3 June 2026, from 4 p.m. to 5 p.m. (in French)

4:00 p.m. to 4:15 p.m. Welcome and presentation of the SHAREDH2 SUDOE project. Pole Derby

4:15 p.m. Presentation of the pilot case study: a hydrogen filling station for bicycles, ESTIA Engineering School

4:30-4:45 Presentation of a simulation platform for the use of surplus energy in energy and hydrogen communities. Mr Aarón Rodríguez. R&D Technician, Energy Efficiency and Sustainability. Castile and León Institute of Technology (ITCL).

4:45 p.m. Questions and conclusions.

Date: 4 June 2026, from 10:00 to 11:00 (in Spanish)

10:00-10:15 Welcome and presentation of the SHAREDH2 SUDOE project. Universidad de Salamanca, USAL

10:15-10:30 Presentation of the pilot case of the Bembibre energy community, Andrés Álvarez, Councillor for Urban Planning and Industrial Development of the Bembibre Town Council.

10:30-10:45 Presentation of a simulation platform for the use of surplus energy in energy and hydrogen communities. Mr Aarón Rodríguez. R&D Technician for Energy Efficiency and Sustainability. Technological Institute of Castile and León (ITCL).

10:45-11:00 Questions and conclusions.

SHAREDH2 - SUDOE

Date: 5 June 2026, from 10 a.m. to 11 a.m. (in Portuguese)

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| 10:00-10:15 | Welcome and presentation of the SHAREDH2 SUDOE project. Enerdaura |
| 10:15-10:30 | Presentation of the pilot case in Portugal, Areeanatejo Energy Agency |
| 10:30 | Presentation of a simulation platform for the use of surplus energy in energy and hydrogen communities. Mr Aarón Rodríguez. R&D Technician, Energy Efficiency and Sustainability. Castile and León Institute of Technology (ITCL). |
| 10:45-11:00 | Questions and conclusions. |

During the webinars, a participatory tool will be used to encourage the audience to participate by answering questions related to the topic.