

Deliverable 1.1. CONJUNCTURAL DIAGNOSIS OF THE USE OF RENEWABLES AND INTEGRATION OF FLEXIBLE AND DISTRIBUTED GREEN HYDROGEN ENERGY IN LECs.

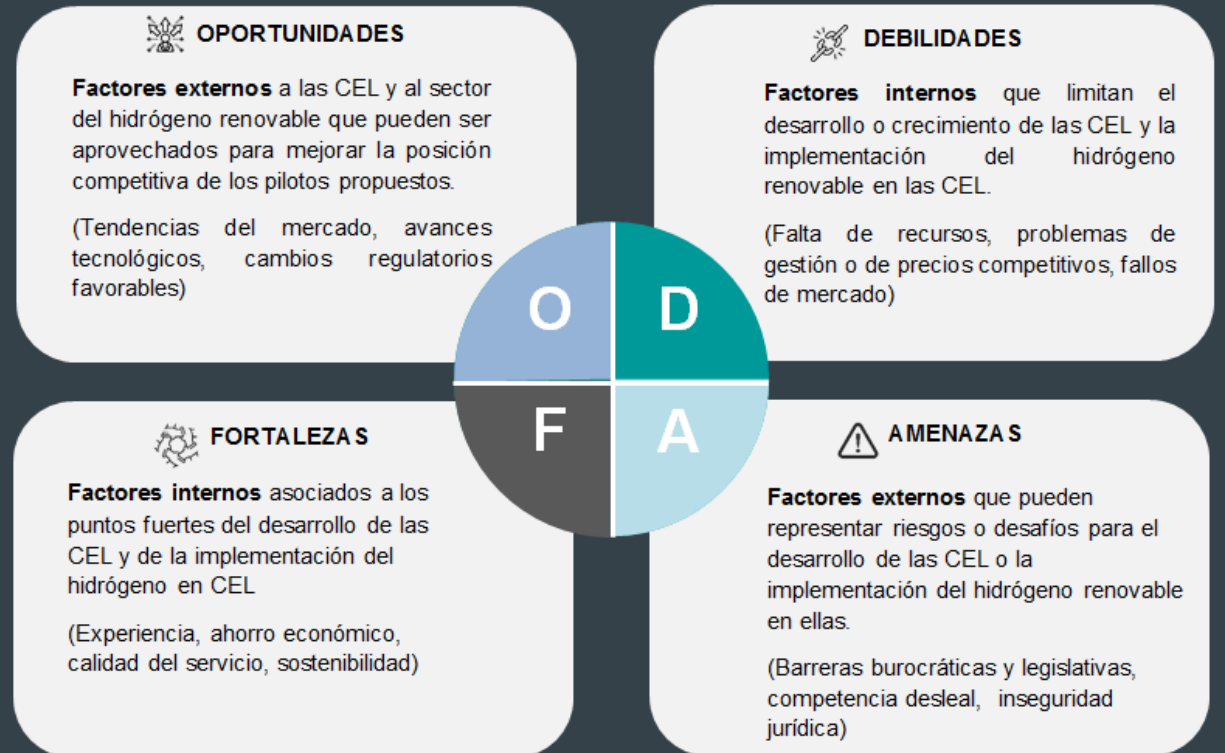
It addresses the diagnosis of the possibilities for the generation, distribution, storage and use of green hydrogen in the SUDOE area.



1. Conjunctural Diagnosis

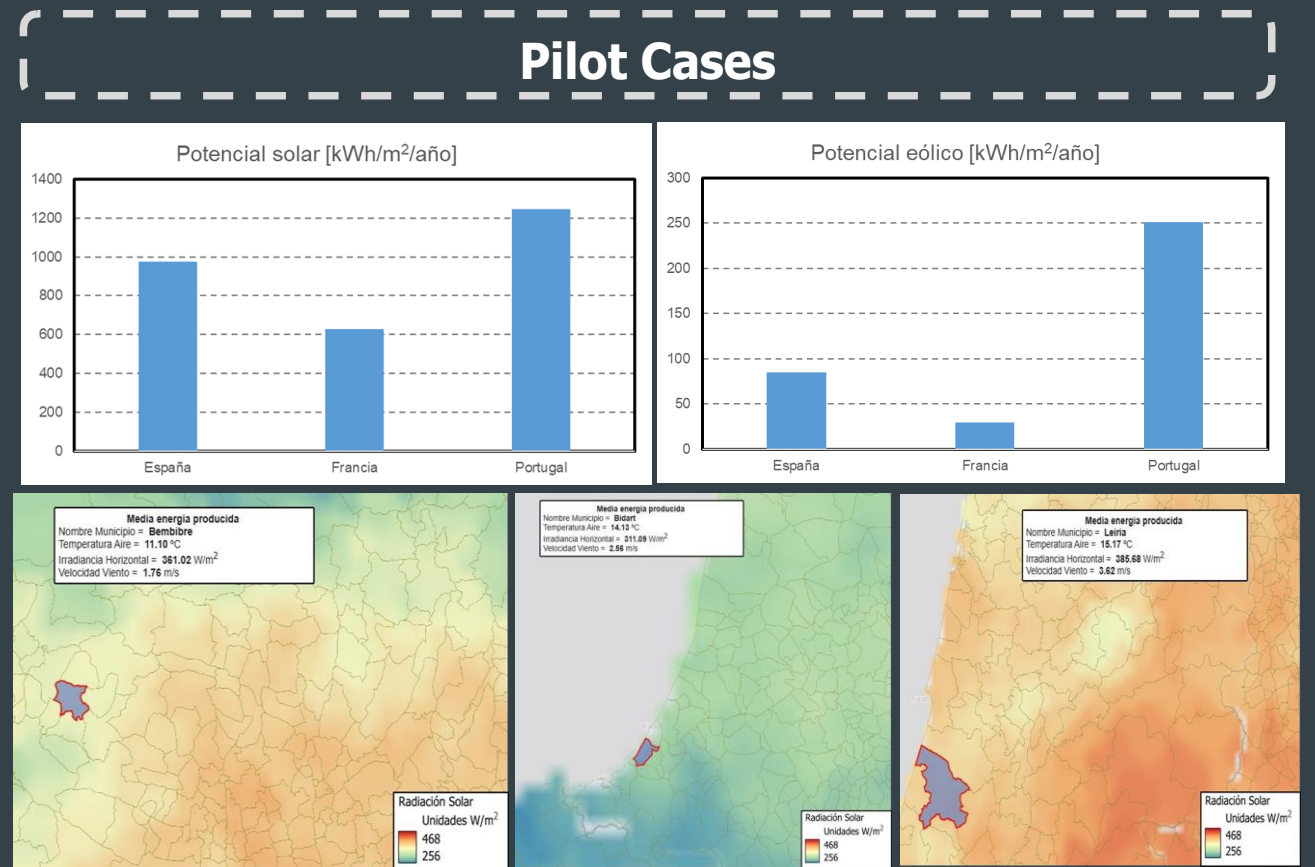
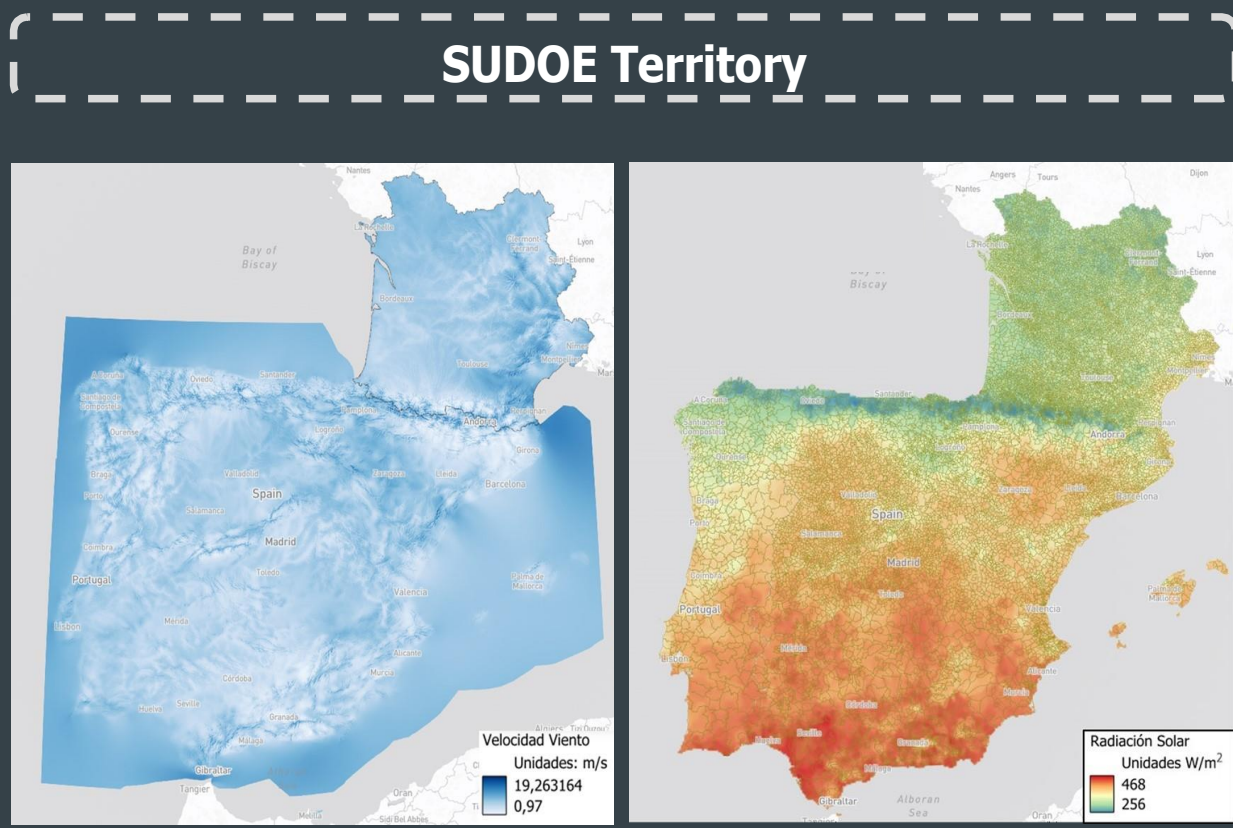
Evaluation of the introduction of renewable hydrogen technologies in Local Energy Communities (LECs) through a SWOT analysis.

- Identification of relevant stakeholders in the field of energy in the SUDOE area.
- Focus group sessions for discussion and dialogue on the challenges and possibilities for the implementation of renewable energies and green hydrogen in different fields of study.



2. Availability of renewable sources

Assessment of renewable energy potential (solar and wind) – Integration of data into GIS platform



3. Legal Framework in Renewable Hydrogen and Local Energy Communities

Analysis of current regulations on Citizen Energy Communities (CECs) and Renewable Energy Communities (RECs), as well as on 'RFNBOs: Renewable Hydrogen', within EU law.

SPAIN	FRANCE	PORTUGAL
<ul style="list-style-type: none"> - Modifications of the RD 413/2014 y RD1183/2020 - RD project, legal development of RECs 	<ul style="list-style-type: none"> - Code Classified Installations - Environmental Protection - H2 section 3420a - Interpretative Note IR180116 	<ul style="list-style-type: none"> - National H2 Strategy - DL 62/2020 – Gases renewable origin - DL N° 15/2022, 76/2019 - CE - Tax incentives