

Call for proposals for cooperation projects on green hydrogen with EUREKA countries

Technical / Content

Country of your company/institution	Portugal/Espanha
Potential target country/countries (if known)	<input type="checkbox"/> Belgium (Flanders) <input type="checkbox"/> Canada <input type="checkbox"/> Finland <input type="checkbox"/> Germany <input type="checkbox"/> Ireland <input type="checkbox"/> The Netherlands <input type="checkbox"/> Portugal <input type="checkbox"/> Spain <input checked="" type="checkbox"/> Open
Type of company/institution	<input checked="" type="checkbox"/> SME <input checked="" type="checkbox"/> Large enterprise <input checked="" type="checkbox"/> Mid cap <input checked="" type="checkbox"/> Research and Technology Institute <input checked="" type="checkbox"/> University <input checked="" type="checkbox"/> Other

Technical Area Keywords (multiple selection possible)

N.B.: For entities from Germany, please consult [Call for proposals for cooperation projects on green hydrogen with EUREKA countries - BMBF](#) for details on topics and

- Material Infrastructure Sensors Logistics Monitoring, control Efficiency
- Safety Integration AI Digital control Grid Interface Storage
- Transport routes, analysis Certification Economic aspects Regulatory frameworks
- Market models Acceptance Value chain Processes Manufacturing Usage
- Design Other

Non-German entities (multiple selection possible)

- H2 production/generation Batteries and fuel cells Storage Other

The Pitch: What do you want to do? (1200 characters max.) Please briefly describe:

- the objectives of the proposal and how they will be achieved,
- the product and degree of technological innovation/novelty/market etc. need,
- market potential (e.g. IPRs etc.)

Bureau Veritas is a world leader in the TIC market (Test, Inspection and Certification) with presence in 140 countries.

Our main objectives to develop a solution for a Hydrogen mobile laboratory that can analyse:

- On site measure of the quality of the Hydrogen produced with renewable sources, to inject in the natural gas grid and used in hydrogen refuelling stations (HRS), and other markets.
- On site calibration of chromatography equipment's for blending of natural gas and hydrogen.
- On site measures of combustion gases of this blending.
- Develop a guideline for the quality of the Hydrogen for the different consumers/markets.

This solution can provide a faster and efficient alternative in the measurement and calibration market, for the hydrogen producers and provide guarantees of product to the end user.

The market that can be interested in our development is all the companies that use hydrogen in the value chain like: oil&gas, chemical, power and utilities, industries (paper, food and others) and renewable companies. The current Iberian market represents 650 m/ton of hydrogen, only for the industry application and produced by natural gas.