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# ANALYSIS AND PROMOTION OF RENEWABLE HYDROGEN IN THE POCTEP REGION



The Interreg AIHRE Project is an initiative cofinanced by the Interreg VI-A Spain-Portugal Program (POCTEP) 2021-2027. The AIHRE consortium is formed by 9 partners, 5 Spanish and 4 Portuguese; it counts with a budget of EUR 1,511,799.44 and is to be completed within a 36-month term. Its purpose is to create a cooperation network to promote the use of green hydrogen in order to accelerate the decarbonization process.

## ENVIRONMENTAL IMPACT AND SUSTAINABILITY

Green hydrogen is a key energy vector to reduce the environmental footprint of industries such as transport or the chemical industry. In this way, AIHRE partners will try to promote the use of green hydrogen to reduce the environmental impact of the POCTEP area business activity, and also to promote the creation of employment in this field. The aim is to accelerate the energy transition to a more sustainable model by analyzing the green hydrogen value chain and the feasibility of the use of tools by companies.

## OBJECTIVES

**1** To establish a technological and business network based on green hydrogen in the POCTEP region

**2** To develop and validate tools to promote the use of green hydrogen throughout its entire value chain

**3** To achieve a greater awareness among the companies of the advantages of green hydrogen as a decarbonising energy vector

## CROSBORDER COOPERATION AREA

The project aims to focus its actions on certain geographical zones of the POCTEP area, the so-called cross-border cooperation area, which includes the Spanish provinces of A Coruña, Valladolid, Huelva and Seville, and the Portuguese of Évora, Oporto and Portalegre. These areas are rich in renewable resources that can be used to generate clean energy.



## EXPECTED RESULTS

Developing hydrogen technology-oriented knowledge and capabilities

Generating experimental research capabilities

Digital tools to help promote the use of green hydrogen

Promoting employment in the cooperation area

Technologies for the implementation of renewable hydrogen adapted to the resources and needs of the POCTEP area

