

# H<sub>2</sub>GAS



On March 8<sup>th</sup>, 2018, as part of its processes of open innovation and corporate entrepreneurship, the CEO of Enagás and the president of Redexis Gas signed an agreement to promote renewable hydrogen through the creation of the company **Hydrogen to Gas (H2Gas)**, whose objective is the **technological development and the promotion of production and transport infrastructures of hydrogen generated from renewable energies**

Under the framework of '**H2Gas**', Enagás and Redexis Gas work together in the advance and development of the introduction of renewable hydrogen in the gas transport and distribution network, contemplating the use of 'Power to Gas' technologies, which allow the **generation of hydrogen** from water and electricity and **inject it into the gas pipeline network, either directly or converted to synthetic natural gas or biomethane.**

From the environmental point of view, hydrogen is a key source of energy to reduce CO2 emissions, in line with the objectives of the Paris Agreement. It is also a viable option in the short term thanks to the **adapted use of the gas infrastructure network, which is already prepared to store and transport both natural gas and gases of renewable origin**

The participation of Enagás in '**H2Gas**' is part of its Corporate Entrepreneurship and Open Innovation Program, Enagás Emprende, and represents another step in its **commitment to contribute to the development of a low carbon model**

For its part, Redexis Gas, through '**H2Gas**', advances in its strategy of betting and investing in R & D projects based on sustainable energies that promote technological innovation and promote energy and environmental sustainability. In this way, it will be able to accommodate the **development of new technologies related to renewable hydrogen as a new energy vector.**

For more **information**, you can call **(+34) 917 096 110**