

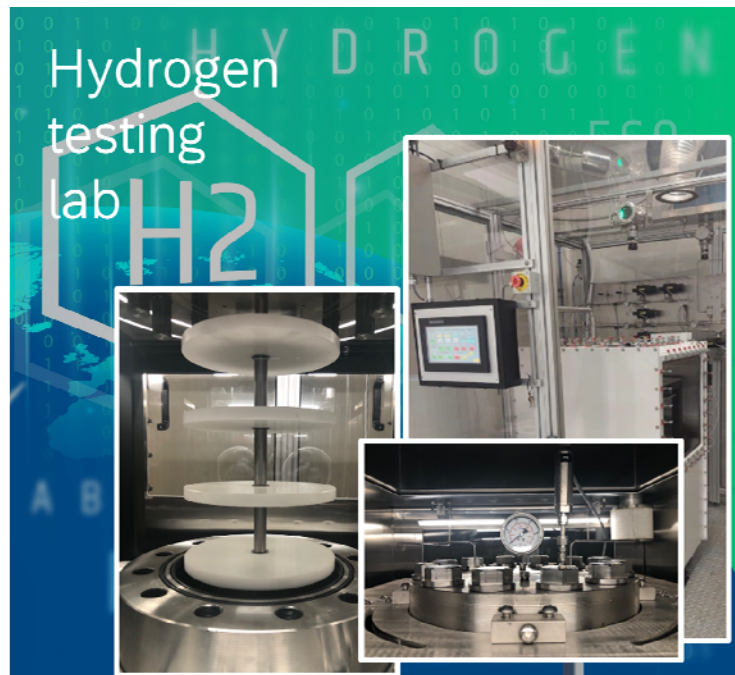
PRESS RELEASE

Athens, 31st January 2022

## Ready for the Hydrogen era – New hydrogen testing lab installed in Corinth Pipeworks

Corinth Pipeworks is leading the development for the energy market and takes action to provide solutions for the European Hydrogen Backbone scheme and the increasing needs of our clients for hydrogen certification of new pipelines.

In 2021 we successfully certified large diameter pipes for new European projects for hydrogen transportation and are now going one step further by expanding our capabilities with the expansion of our accredited testing center with a new state-of-the-art hydrogen testing laboratory. This laboratory is among the first of its kind for a pipe manufacturer worldwide, offering capabilities to address the need of the energy market for the development of a hydrogen network to achieve climate and energy objectives. It is worth



mentioning that more pipeline projects of the latest awarded ones, have been requested to be certified for hydrogen transportation in order for pipes produced today and installed in the current gas network to cover the energy mix of tomorrow.

The laboratory has been designed to test pipeline material in hydrogen gas in pure or blended form under static load conditions and high pressure (up to 207bar), in full compliance with the requirements of the ASME B31.12 code. This new facility will support primarily qualification testing of new hydrogen pipeline projects, as well as R&D testing. New development plans for 2022 include the further upgrade of the hydrogen lab for fracture toughness testing under rising load conditions and evaluation of fatigue resistance.