

PRESS RELEASE

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HyDeal España announces partnerships with four EPC¹ firms: VINCI Construction, Técnicas Reunidas, PowerChina Guizhou Engineering and TSK

***VINCI Construction, Técnicas Reunidas, PowerChina Guizhou Engineering** will carry out the basic design phase of the Europe's largest integrated renewable hydrogen hub. They will be supported by **TSK**, as Owner's Engineer, to support HyDeal España in achieving its target to be competitive with fossil fuels.*

HyDeal España, the first industrial implementation of the HyDeal Ambition platform, has selected **VINCI Construction (in collaboration with Cobra IS, a VINCI Group company)**, **Técnicas Reunidas**, and **PowerChina Guizhou Engineering** to produce the technical design, architecture and supply chain of the first HyDeal España plants. The three companies will work to design the highest performance and most cost effective solar-to-hydrogen systems to produce HyDeal España's renewable hydrogen on the basis of ambitious, pre-agreed engineering, procurement and construction (EPC) cost targets. HyDeal España and the EPC firms will be supported by **TSK** as Owner's Engineer.

Announced in February 2022, HyDeal España is an industrial joint venture formed by **ArcelorMittal, Enagás, Grupo Fertiberia and DH2 Energy**. HyDeal España will deliver competitive renewable hydrogen to an industrial complex in Asturias from facilities based in northern Spain. The total installed capacity is expected to reach 9.5 GW of solar power and 7.4 GW of electrolyzers. Production is targeted to start by the end of 2025, to produce about 150,000 tons of renewable hydrogen per year from 2026 and reach 330,000 tons in 2030. **ArcelorMittal** and **Grupo Fertiberia** have announced their intention to contract, together with other key off-takers, the supply of 6.6 million tons of renewable hydrogen over 20 years.

VINCI Construction (in collaboration with Cobra IS, a VINCI Group company), **Técnicas Reunidas** and **PowerChina Guizhou Engineering** will present their initial technical and economic proposals in the course of the year. Following this basic design phase, HyDeal España will validate the final EPC companies responsible for conducting the Design Engineering Project (FEED) and subsequent project execution (EPC). During the subsequent design engineering and project execution phases, the selected EPC companies will work in close collaboration with TSK to complete the development and construction of HyDeal's España renewable hydrogen production sites, which will form the largest integrated renewable and competitive hydrogen hub in Europe. They will collaborate with OEMs² across the supply chain, especially electrolyzer producers, with a view to securing GW-scale of competitive equipment supply and fostering Europe-based industry.

¹ EPC = Engineering, Procurement and Construction

² OEM original equipment manufacturer

- **Thierry Lepercq**

Thierry Lepercq, Executive Chairman of the joint venture and spokesperson for HyDeal Ambition, declares: *“We are proud to be supported by four world-class EPC firms which share our objective to deliver mass-scale competitive green hydrogen in a record time. This is a resounding vote of confidence for the HyDeal model and excellent news for all energy users, in Spain and beyond, which are seeking secure and competitive alternatives to fossil fuels at a critical time on energy markets”*.

- **VINCI Construction**

Hugues Seutin, Director of VINCI Construction's Hydrogen business, states: *“We are honoured to have been selected by HyDeal España to carry out the first stage of this major green hydrogen project. This project is key to the decarbonisation of industry and the emergence of a green hydrogen economy in Spain. More than ever, we are determined to find the innovations and solutions that will allow HyDeal España to achieve its ambitions.”*

- **Técnicas Reunidas**

Arturo Crossley, Deputy CEO & Commercial and Strategy Director for Técnicas Reunidas, declares *“The world needs more energy and lower emissions. Green hydrogen is a key energy vector that will drive a change of course to reduce global emissions and achieve climate neutrality. For Técnicas Reunidas it is an honour to have been selected to participate in HyDeal España, an initiative that will contribute to position Spain and its industry as a relevant player worldwide in decarbonization and sustainable energy generation.”*

- **PowerChina Guizhou Engineering**

Mr. Wang Yuanhui, the General Manager of PowerChina Guizhou, states: *“The Era of Green hydrogen is happening. PowerChina Guizhou Engineering Co. Ltd. is honored to be a pioneer in this promising ‘Era of Green hydrogen’ by participating in HyDeal España, a global leading and demonstrative green hydrogen project. We will wholeheartedly contribute Chinese wisdom and strength to the success of the project”*.

- **TSK**

Joaquín García, TSK’s CEO, declares: *“We are proud of being part of this great and innovative project advancing clean hydrogen as a fuel and feedstock that is supporting the way for a lower-carbon energy future. TSK is committed to help our clients and partners managing the energy transition and meeting their decarbonization goals. This integrated renewable hydrogen hub is a footprint and transformative project in the development of green hydrogen, long-duration energy storage and decarbonization at scale. Based on our extensive experience in building complex energy infrastructure projects, TSK for 35 years has played key roles in design, engineering and building projects involving different technologies from renewables or hybrid plants to energy storage.”*

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About HyDeal Ambition

HyDeal Ambition brings together visionary CEOs and entrepreneurs, who share the determination to accelerate the energy transition. HyDeal Ambition constitutes a complete industrial ecosystem spanning the whole green hydrogen value chain (upstream, midstream, downstream, finance), and results from two years of research, analysis, modelling, feasibility studies and contract design. HyDeal Ambition makes it possible to produce and deliver competitive green hydrogen in Europe.

<https://www.hydeal.com/>

About VINCI Construction

VINCI Construction is one of the world's leading companies, providing solutions for transport infrastructure, buildings, networks, and urban development. VINCI Construction relies on a network of local subsidiaries, a network of specialities and specific expertise in major infrastructure projects. VINCI Construction is involved throughout the entire life cycle of a project (financing, design, construction and maintenance). Operating across over 100 countries, 1,300 VINCI Construction business units employ almost 115,000 people and generated revenue of €26.6 billion in 2021. www.vinci-construction.com

About Técnicas Reunidas

Técnicas Reunidas is one of the world's leading energy services companies, specializing in the design and construction of industrial plants worldwide.

In its more than 60 years of experience, Técnicas Reunidas has designed and built more than 1,000 industrial plants in more than 50 countries, to produce clean fuels, natural gas and chemical products, as well as solutions linked to the energy transition, the circular economy and decarbonization (renewable hydrogen, biofuels, waste recovery, CO2 sequestration and capture, etc.).

Its more than 6,800 employees, mostly highly qualified engineers, make its headquarters in Spain a center of engineering excellence.

About PowerChina Guizhou Engineering Co. Ltd.

PowerChina Guizhou Engineering Co., Ltd is a Global Provider of Integrated Energy Solutions, with strong worldwide presence in Europe, the Middle East, Africa, North America, South America, and Asia. As one of the world's biggest EPC contractors for Solar and Wind Projects, PowerChina Guizhou Engineering Co. Ltd is a wholly-owned subsidiary of Power Construction Corporation of China, a fortune 500 company ranked 107nd in 2021. Over the past years, PowerChina Guizhou Engineering Co., Ltd has become a Global leader in the field of Renewable Energy Projects with a total global installed capacity of 20 GW.

<http://www.gepcc.com>.

About TSK

TSK is a global company with more than 35 years of experience, specialized in the development of technological solutions for industry and the energy sector: electrical infrastructures, industrial plants, energy storage plants, conventional and renewable energy generation plants, water treatment plants and environmental facilities or storage and handling facilities for raw materials; providing proprietary technology, engineering and management capacity for complex projects and O&M, digitalization and cyber security services.

Based in Gijón, Spain, TSK employs more than 1.000 engineering experts and professionals with experience in more than 50 countries participating in more than 25,000 MW of different technologies such as open cycle, combined cycle, cogeneration, geothermal, wind farms, solar thermal and photovoltaic plants, hydraulic plants and biomass plants. Aware of the fact that renewable energies are the main source of energy in the fight against climate change, TSK started to execute renewable projects 25 years ago, consolidating the Company today as an international leader in renewable energy. <http://www.grupotsk.com>