

## Top international experts in green hydrogen reunited in Valencia at H2 Hydrogen World Congress

The conference will be held on February 14 and 15 within the framework of the eMobility Expo World Congress

World leaders from companies such as Vueling, Iberdrola, Cepsa, Repsol, BP or Deutz, will analyze the benefits of green hydrogen in the mobility sector

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**Madrid, January 31st, 2024** – In the new era of sustainable mobility, green hydrogen is emerging as one of the best alternative energy sources. It is estimated that in 2050 the industrial and transport sectors will account for 42% and 36% of global consumption of clean hydrogen, respectively. In this context, the first edition of the [H2 - Hydrogen World Congress](#) will be held in **Valencia, Spain, on February 14th and 15th** to discuss the role of hydrogen as an alternative energy, especially in the industrial and mobility sectors. It is the largest congress on green hydrogen in Europe, which will bring together more than 180 experts in the field from around the world.

Framed in the [eMobility Expo World Congress 2024](#), this congress will feature top executives from **Vueling, Iberdrola, Cepsa, Repsol, BP or Deutz**, among others, and will present a complete overview of the hydrogen industry, and the benefits of this new fuel for the mobility sector.

**José Ramón Sierra**, Director of the congress, points out that *"the H2 - Hydrogen World Congress is particularly relevant at a time when Spain is leading green hydrogen projects worldwide. It is an opportunity for our country to reindustrialize, and that is why both governments, public administrations and companies are attracting investment in green hydrogen projects. In this situation, analyzing current regulations, forms of investment and trends in this area is crucial to promote the advancement of measures in favor of the use of this new source of clean energy."*

Bearing this in mind, a comparative exercise in different countries will be carried out during the congress by **Curro Nicolau**, Chairman & Founder of **Go Energy Group**, a company with investments and projects in hydrogen energy worldwide. During his presentation, the expert will describe the activities of the different countries that are taking the initiative in the development of green hydrogen projects linked to the mobility of the future. Regarding the usefulness of this new energy source, the head of energy transition of **Baleària** and president of the **Net Zero MAR Alliance**, **Javier Cervera**, will analyze, together with **Santiago Lopezbarrena**, sustainability manager of **Vueling**, **Jacobo Kalitovics**, General Manager of Bus in **Transports Metropolitans de Barcelona (TMB)** and **Marc Roca**, Manager of **Apportt**, the current status of the use of hydrogen as a vector, along with its derivatives, in all modes of mobility (air, sea and ground), as well as the points of intersection between them.

Likewise, to move towards a more sustainable mobility model, the development of technologies that enable the collection and distribution of energy is crucial. Experts such as **Xavier Ribas**, R&D

director at **Evarm Innovación**, which has developed the first hydrogen truck to participate in the Dakar, will analyze the current state of the technology and the potential for future development in this field. Similarly, **Sebastian Schulte**, CEO of **Deutz**, will pay special attention to the hydrogen combustion engine that will go into series production at the end of 2024 and highlight aspects for mastering the transformation.

For his part, the chemistry expert and professor at the **University of Barcelona**, **Xavier Giménez**, together with the director of Grid Integration, Energy Storage and Hydrogen of **CENER**, **Mónica Aguado**, will explain the different "colors" of hydrogen, each one indicating its production method and its environmental impact. In addition, **Maryna Hritsyshyna**, an expert in the field, will address the regulations necessary for the implementation of green hydrogen.

### **The challenge of batteries and advanced storage systems**

As well as hydrogen, batteries and advanced storage systems will also have their place at the eMobility Expo World Congress. The sustainability of the future requires a change in the way we use energy, raw materials and decarbonization. To achieve this, the industry must focus on renewable energy sources, such as solar, wind and hydroelectric. In this context, **Francisca Paulsen**, Director of **EUMICON**, together with **Meri Rovira**, Marketing Director of **La Farga**, **Santiago Cuesta**, General Director of **ICAMCyL** (International Center for Advanced Materials and Raw Materials of Castilla y León), and **Rocco Lagioia**, COO of **ITRB Group**, will detail at the Energy & Batteries Forum how to reduce dependence on fossil fuels to move towards more efficient and sustainable energy sources.

In this sense, the production and management of batteries present innumerable challenges along the entire value chain. In the current mobility paradigm, it is necessary to develop strategies that guarantee the sustainability of the entire battery production process, the implementation of efficient and safe charging systems, and the development of second-life proposals and recycling plans. In this sense, the expert in battery recycling and head of the Analysis and Testing Area of the Institute of Ceramic Technology (ITC), **María Fernanda Gazulla**, will explain the importance of recycling and reuse of the materials that make up the batteries, as well as the creation of incentives for the adoption of electric vehicles, to reduce the environmental impact of the entire process.

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**About [eMobility Expo World Congress](#) (February 13th-15th, 2024 – Feria de Valencia):** eMobility Expo World Congress is a professional event for the sustainable mobility industry. For three days eMobility Expo will bring together in Valencia the leading firms specializing in micromobility, the automotive industry, technology, manufacturers of electric batteries and charging systems, new fuel sources, products for automated and autonomous driving, components industry, logistics, aeronautics, rail and shipbuilding, as well as startups that are revolutionizing the sector. The eMobility World Congress will be held as part of the event, where more than 375 experts will share the keys to implementing new business models and present the most cutting-edge technological and sustainable trends in the field of mobility.

**About [H2 - Hydrogen World Congress](#) (14-15 February 2024 - Feria de Valencia):** it is the largest congress dedicated to the world of green hydrogen as a potential energy source to decarbonize the industrial and mobility sector. For two days, the H2 - Hydrogen World Congress will bring together in Valencia the leading firms specialized in the manufacturing and distribution of green hydrogen, the related technology sector, manufacturers of charging systems, new fuel sources, products for sustainable mobility, components industry, logistics, aeronautics, rail and shipbuilding, as well as startups that are revolutionizing the sector. The eMobility Expo World Congress will be held as part of the event, where more than 375 experts will share the keys to implementing new business models and present the most cutting-edge technological and sustainable trends in the field of mobility.