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John Cockerill contributes to the Kingdom of Morocco's ambitious plan for the sustainable development of its industry

On the occasion of the Wallonia-Brussels International (WBI) mission to Morocco, John Cockerill reaffirms its ambition to support the Kingdom in its efforts to reduce its carbon footprint. Present in the country since 2013, John Cockerill is currently pursuing its action alongside Moroccan authorities and industries, in particular by contributing to the establishment of a Moroccan green hydrogen production sector and by proposing the SolHeatAir® technological solution dedicated to the production, storage and valorization of heat produced by renewable energy sources.

Reducing CO2 emissions in general and from industry in particular is one of the major challenges of this century. Determined to contribute to the indispensable collective effort to fight climate change, John Cockerill is developing large-scale technological solutions dedicated to reducing CO2 emissions from industrial processes. During this economic mission to Morocco, John Cockerill is focusing on two technologies that are particularly well suited to the Moroccan context: the production of green hydrogen and the use of hot air produced by renewable energy sources.

This is how John Cockerill is positioning itself in Morocco as a strategic player in the establishment of a local green hydrogen production chain. Morocco's Green Hydrogen roadmap indicates that 3GW of electrolysis capacity will be required by 2030 and 14 GW by 2040. In association with a leading Moroccan partner, John Cockerill's teams are currently working on a project to build an alkaline technology electrolysis production unit. This "gigafactory" will supply the many green hydrogen production projects that are being developed throughout the kingdom.

John Cockerill also offers Moroccan manufacturers the integrated renewable solution SolHeatAir® for the production, storage and recovery of heat from renewable energy sources. This high-temperature thermal energy can then be used in industrial processes, such as lime and steel production, or converted into electricity. In both cases, SolHeatAir® allows manufacturers to reduce the carbon footprint of their activities. SolHeatAir® is a Walloon innovation project involving John Cockerill, Prayon, MASEN, INSMA, UMONS and B-Sens. It should be remembered here that Prayon is also a partner of John Cockerill in Morocco through the Praytech Morocco joint venture, which they set up together in 2013 in El Jadida.

In addition to Praytech Morocco, John Cockerill is also present in Morocco through its John Cockerill Morocco entity and currently has over 700 employees in the country. A recognized partner of major industrial groups and local institutions, John Cockerill is working with the OCP Group, for example, to reduce emissions from its phosphate production sites, and with Maghreb Oxygène, to which it is supplying a unit for producing and compressing hydrogen through water electrolysis.

John Cockerill, catalysts of opportunities

Driven since 1817 by its founder's entrepreneurial spirit and thirst for innovation, the John Cockerill Group develops large-scale technological solutions to meet the needs of our time: facilitating access to decarbonized energy, preserving natural resources, contributing to greener mobility, producing responsibly, and fighting insecurity.

Its offer to companies, governments and communities takes the form of services and associated equipment for the energy, defense, industry, environment, transportation and infrastructure sectors. In 2021, John Cockerill had sales of 947 million euros in 22 countries on 5 continents.

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