

Morocco electric vehicle infrastructure

In 2021, the Moroccan startup I-Smart inaugurated a production unit in Benguerir to develop a charging infrastructure for electric vehicles, partnering with various stakeholders. Despite obstacles, the company promises to propel Morocco towards sustainable electric mobility.

I-Smart laid the groundwork for a national charging infrastructure for electric vehicles in Morocco in 2021, with a production unit in Benguerir. Although the unit can produce over 5,000 charging stations annually, only about 120 have been installed in Morocco to date. Nonetheless, I-Smart's goals are ambitious: to promote sustainable mobility, develop a national charging infrastructure for electric vehicles, and achieve technological sovereignty in this domain.

This initiative stems from a collaboration between the company EDEEP and the sustainable energy project incubation platform, Green Energy Park, supported by IRESEN and Mohammed VI Polytechnic University. The Ministry of Energy Transition and Sustainable Development, as well as the OCP group, have also lent their support to this innovative project.

Customization and availability of i-Smart charging solutions

Despite efforts, the Moroccan market for electric vehicles and charging stations remains emergent. Currently, only about 500 electric vehicles are in circulation in Morocco, and the high price of these vehicles poses a barrier to widespread adoption. Additionally, negative perceptions of electric vehicles, particularly due to concerns about insufficient charging stations, hinder their adoption.

Nevertheless, I-Smart offers several advantages. The quality of its charging station installations is praised by customers, as is its software platform for station management, offering remote management and real-time supervision. Furthermore, the proximity, customization, and availability of i-Smart charging solutions are differentiating factors in the market.

However, logistical and operational challenges persist, particularly concerning financing and regulation. The absence of government subsidies and tax exemptions makes it challenging for local products to compete with imported stations. Moreover, the sale of electricity through charging stations is not yet regulated, limiting their utility.

Despite these obstacles, the electric vehicle market in Morocco presents significant potential, especially with the ongoing decline in lithium-ion battery prices. With its ambitious renewable energy goals, Morocco is well-positioned to become a major player in electric mobility. However, this requires increased government support, particularly in terms of regulation and integrated policies to foster the adoption of this emerging and promising technology.

New reports funded by the European Union have been published, shedding light on Open Internet approaches in four African countries: Burundi, Kenya, Senegal, and South Africa. These reports analyze how Open Internet connectivity promotes human-centered development and emphasize the crucial role of a free, global, reliable, affordable, and secure internet in driving social and economic growth in line with the United Nations Sustainable Development Goals and the African Union's Agenda 2063.

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