



Press release:

H2Energy Solutions Ltd. publishes green hydrogen strategy for Turkey

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The Hamburg-based company H2Energy Solutions Ltd., which focuses on consulting and project development around the production and use of green hydrogen (H₂), today published an extensive hydrogen initiative for the Turkish market. This sets important impulses for the rapid expansion of a national hydrogen economy until at least 2030. H2Energy Solutions with both a new location in Istanbul and Turkish-speaking employees supports domestic and foreign companies and institutions on this path as a competent consultant, developer and partner.

The paper identifies the following core areas as groundbreaking: production and export of green hydrogen (1), Development of Hydrogen Centers ("Hubs") and E-Mobility / Hydrogen Corridors (2), Dissemination of Hydrogen-Powered Vehicles (3), Establishing and Strengthening Local Power Supply (4), Creation of a Logistic Network for the Distribution of Hydrogen (5), Expansion of Turkey as a Supra-Regional Hydrogen Technology Hub (6) and Use of Green Synthetic Gas as a Substitute for Natural Gas (7).

H2Energy Solutions claims that climatic conditions and the good expansion of regenerative energy generation - especially wind and solar energy - as favorable unique selling points for the production of green hydrogen in Turkey.

The company proposes the construction of so-called "e-mobility / hydrogen corridors" and ten hydrogen "hubs" along the whole of Turkey, which should provide an adequate charging infrastructure for both BEVs and FCEVs. For this purpose, two H₂ filling stations are to be built by 2023, five (located in Istanbul, Ankara and Izmir) by 2025 and even up to twenty by 2030 throughout the country. Since the mobility sector accounts for around 25% of Turkey's total energy needs, this is a relevant area to start decarbonising the country.

H2Energy Solutions will act as consultant, developer and partner for the Turkish hydrogen market. CEO Ali Reza Köse, who himself lived and studied in Hamburg for years, is happy about the relevant contacts in the hydrogen sector that his company has been able to establish on the German and Turkish sides in the last few months since it was founded: "As the operator of a solar park in the east Turkey, I know about the favorable conditions for renewable energy sources and I am sure that green hydrogen will also develop a key role in coping with climate change. My team here is ideally positioned to successfully represent foreign companies that want to establish themselves on the Turkish market. Conversely, as a German company, we also see great potential in Turkey to one day sell hydrogen produced

at more favorable terms to German customers, which in turn will strengthen Turkey as a production location in the long term”.

About H2Energy Solutions Ltd.

H2Energy Solutions was founded at the end of 2020 with the aim of planning and supporting projects for the generation and use of green hydrogen. This is based on the conviction that sustainably produced, green, hydrogen is the key to mastering the rapidly advancing global climate crisis, especially - but not only - in the area of difficult-to-electrify economic sectors such as aviation, shipping, long-distance transport and heavy industry.

The shareholders have been involved in investments in listed companies in the field of hydrogen production, fuel cells and environmental protection for several years and thus have a good understanding of political framework conditions and funding opportunities. Their expertise and professional networks span across various industries such as various law firms, institutional asset managers and international authorities such as the EU Parliament.

Media contact: Katharina Bednarz, Managing director H2Energy Solutions Ltd.,
Phone: ±49 (0) 176 63788253

Further information: <https://www.h2energy.solutions>