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Addis Ababa, September 28, 2022 (FBC) – Ethiopia"s huge potential of renewable energy production, agriculture-led economic strategy, its topography and geographic location give the upper hands for the production of green hydrogen, said the Ministry of Water and Energy of Ethiopia (MoWE).

At the “Africa Green Hydrogen Forum Ahead of COP27", held in Abidjan, Ivory Coast, Minister of State for Energy Development of MoWE, Sultan Wali, broadly explained the social and economic benefits of green hydrogen and Ethiopia"s potential to become its producer and user.

According to the Minister of State, a large amount of renewable energy is needed to produce green hydrogen and thus Ethiopia has a large amount of renewable energy production capacity from hydropower (45000 MW), geo-thermal (10,000 MW), wind power (100 GW) and solar system.

Ethiopia’s agriculture-led economic strategy, landscape, geographic location and alternative ports in neighboring countries create huge advantage to produce and export green hydrogen, he stated.

The forum was organized by the Green Hydrogen Institute in collaboration with the African Development Bank where 12 African countries participated including the private sector, development partners and civil societies.

Researches are being conducted on various renewable energy options to address the world’s growing energy needs and green hydrogen production is considered a good option, said the Ministry.

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Tiruye, G.A.; Besha, A.T.; Mekonnen, Y.S.; Benti, N.E.; Gebreslase, G.A.; Tufa, R.A. Opportunities and Challenges of Renewable Energy Production in Ethiopia. Sustainability 2021, 13, 10381. https://doi /10.3390/su131810381

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