



Government of Kerala and the industry group India Hydrogen Alliance (IH2A) have stated that they are jointly reviewing a proposal for the construction of the Kochi Green Hydrogen (KGH2) Hub, a sizable green hydrogen hub with a variety of use-cases.

The concept calls for a potential \$575 million capital investment to construct a 60 TPD green hydrogen plant with a 150 MW electrolyser, storage, and infrastructure, which could expand to gigawatts and help Kerala develop its hydrogen industry.

IH2A's KGH2 Hub plan, which aims to develop green hydrogen infrastructure (in compressed gas and liquified form) within a 50-km radius cluster in Kochi, is modelled after the Hydrogen Valley initiatives in the EU.

It focuses on the transport use-case in the first phase, aligning with the state government's plans for zero-emission transport, to power Hydrogen-ICE retrofitted bus fleets of 60 buses and build the required infrastructure.

In the second phase, industrial demand for green hydrogen from refineries, fertiliser and chemical plants is expected to drive capacity expansion and scale-up the KGH2 hub.

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