

**LOK SABHA**  
**UNSTARRED QUESTION No. 4034**  
TO BE ANSWERED ON 19<sup>th</sup> December, 2024

**GREEN HYDROGEN AND AMMONIA PRODUCTION FACILITY IN  
MANGALORE**

4034. SHRI CAPTAIN BRIJESH CHOWTA:

पेट्रोलियम और प्राकृतिक गैस मंत्री

Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

- (a) whether the ONGC has outlined plans to establish a green hydrogen and ammonia production facility in Mangalore and if so, the details thereof along with the scale of the project, including its annual production capacity, investment allocation and expected timeline for completion;
- (b) whether the ONGC's investment in green hydrogen and ammonia production is a part of its net-zero carbon emission goals and if so, the details thereof;
- (c) whether this facility would contribute to the energy transition and if so, the details thereof along with the specific steps taken/being taken to ensure the project aligns with India's broader renewable energy targets by 2030 and 2038;
- (d) whether the Government has any plans to facilitate the development of downstream industries around the existing refineries in Mangalore, leveraging the region's potential to transform it into a petrochemical and energy hub; and
- (e) if so, the details thereof along with the proposed projects, funding allocations and implementation timelines?

**ANSWER**

पेट्रोलियम और प्राकृतिक गैस मंत्रालय में राज्य मंत्री  
(श्री सुरेश गोपी)

**MINISTER OF STATE IN THE MINISTRY OF PETROLEUM & NATURAL GAS  
(SHRI SURESH GOPI)**

(a) to (c): Oil and Natural Gas Corporation Limited has undertaken up a pre-feasibility study to set up a green hydrogen plant in Mangalore for meeting the captive requirement of Mangalore Refinery and Petrochemicals Limited. No investment decision has been taken so far. ONGC is continuously enhancing its operations to align with its commitment to achieve Net Zero status by 2038 by incorporating a series of measures which inter-alia includes Green Hydrogen projects.

As per National Green Hydrogen Mission document, the production of Green Hydrogen typically results in a reduction of approximately 10 kilograms of Carbon Dioxide emissions per kilogram Hydrogen produced, as compared to production of Grey Hydrogen.

(d) & (e): Department of Chemicals and Petrochemicals has approved the setting up of a Plastic Park at Mangaluru, Karnataka, in January, 2022, at a total project cost of Rs. 62.78 crore, including a Central grant of Rs. 31.38 crore and at present it is at implementation stage.

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