

F. No.353/61/2023 -NT
Ministry of New & Renewable Energy (MNRE)
Government of India

Call for Proposals for Setting up Centres of Excellence (CoEs) Under Research and Development Scheme of the National Green Hydrogen Mission (NGHM)

1. Background

- 1.1. The National Green Hydrogen Mission (NGHM), hereafter mentioned as the 'Mission' launched on 4th January 2023 with an outlay of Rs. 19,744 Crore aims to make India a Global Hub for production, usage and export of Green Hydrogen and its derivatives. It will contribute to India's goal to become Aatmanirbhar (self-reliant) through clean energy and serve as an inspiration for the global Clean Energy Transition.
- 1.2. The Mission has allocated Rs. 400 crores for Research and Development (R&D) activities. As part of the R&D efforts under the Mission, the R&D roadmap was launched on 07.10.2023 and the R&D Scheme for Green Hydrogen was issued on 15.03.2024. The R&D Scheme aims at scaling up the R&D efforts to promote indigenous technology development for wide spread deployment of Green Hydrogen Technology in an efficient and cost-effective manner across the country.
- 1.3. Under the R&D Scheme, the Ministry proposes to set up Centres of Excellence (CoEs) for supporting integrated research in Green Hydrogen sector, typically covering multiple areas in the Green Hydrogen value chain viz., production, transport & storage, applications and safety.

2. Vision

To establish world-class Centres of Excellence for Green Hydrogen in India, driving innovation, sustainability, and energy independence. The CoEs developed under the R&D Scheme on Green Hydrogen will also help in accelerating transition to a carbon-neutral economy by fostering advancements in Green Hydrogen production, storage, and utilization.