

## **Roundtable discussion on “Skill Gap Assessment across Green Hydrogen sector in India”**

**Venue:** Hotel Aloft, Aerocity, New Delhi

**Tentative date:** 20<sup>th</sup> Feb 2024, **Time:** 11:00 AM to 1 PM (IST)

### **Background:**

Government of India announced National Green Hydrogen Mission (NGHM) on 4<sup>th</sup> January 2023 allocating an initial outlay of INR 19,744 crore for a 6-year period from FY2023-24 to FY2029-30. The aim of the Mission is to make India a global hub for production, usage and export of green hydrogen and its derivatives. The mission aims to achieve domestic hydrogen production of at least 5 MTPA by 2030, and potentially produce 10 MTPA to cater to the export market. The mission document also estimates 6 lakh new job opportunities to support the emerging hydrogen market in the country.

US Agency for International Development (USAID) through South Asia Regional Energy Partnership Program (SAREP) is supporting Skill Council for Green Jobs (SCGJ) in undertaking a study to identify the skill gaps in the green hydrogen sector. This Skill Gap Assessment study has been carried out in line with following broad objectives:

- To support India’s National Green Hydrogen Mission’s targets on skilling and jobs-creation;
- Map the existing and potential new job roles across the green hydrogen value chain in alignment with industry’s requirements and identify the means to deliver suitable skill interventions;
- Identify skill gaps and outline opportunities to develop and implement skill interventions in consultation with industry to realize National Green Hydrogen Mission outcomes by 2030.

### **Rationale of the Industry Roundtable:**

As part of the study, a roundtable discussion of senior industry representatives is being organized on 20<sup>th</sup> Feb, 2024 with an objective of comprehending their viewpoints regarding the skills & training needs along with the fast- evolving jobs landscape across the Green Hydrogen value chain in India. This discussion will involve participation from leading manufacturers, developers, EPC providers and other stakeholders across the Green Hydrogen industry. Key insights from the study shall also be shared during the discussion with an objective to formulate a skill development strategy to ensure that the evolving industry has access

to a suitably skilled and certified workforce. In this context, the roundtable discussion will broadly encompass the following:

- Participants would provide their perspectives on the overall jobs estimates along with skills requirement and training needs of the green hydrogen sector in India.
- Discussions will also explore any specific demands of the industry that skilling/training and educational institutes should be cognizant of, including the requirement for specialized trainers, access to cutting-edge training facilities/infrastructure, partnerships to facilitate on-the-job/on project site trainings etc.

**Tentative Agenda:**

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| Time           | Session                                                                                                                                    |                                                                                |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| 11:00-11:10 AM | Welcome address                                                                                                                            | Ms. Apurva Chaturvedi, Sr. Clean Energy Specialist, Indo-Pacific Office, USAID |
| 11:10-11:15 AM | Introduction of participants                                                                                                               | -                                                                              |
| 11:15-11:25 AM | Special remarks and context setting                                                                                                        | Mr. Praveen Saxena, Chief Executive Officer, Skill Council for Green Jobs      |
| 11:25-11:50 AM | Skill gap assessment study – key highlights                                                                                                | Mr. Sumedh Agrawal, Deputy Chief of Party, SAREP                               |
| 11:50-12:50 PM | Roundtable discussion<br><i>“Perspectives and recommendations of Industry on evolving Green Hydrogen skilling needs and jobs landscape</i> | Participants from industry                                                     |
| 12:50-13:00 PM | Closing remarks and vote of thanks                                                                                                         | Dr. Rakesh Kumar Goyal, Chief of Party, SAREP                                  |
| Lunch          |                                                                                                                                            |                                                                                |