

## Program Agenda

### Capacity Building workshop for Financing Institutions on Green hydrogen

Friday, July 7, 2023

Venue: ICICI Bank Corporate Office, Bandra Kurla Complex, Mumbai

Time/length	Session
08:30 – 09:00	<b>Breakfast</b>
09:00 – 09:30	<b>Registration</b>
09:30 – 09:45 (15 min)	<b>Welcome address</b> by Ms. Apurva Chaturvedi, USAID
09:45 – 10:00 (15 min)	<b>Context setting</b> by Ms. Nidhi Ganeriwal, Leadership Team, Global Clients Group, ICICI Bank
10:00 – 10:30 (30 min)	<b>Introduction to Green Hydrogen Economy:</b> Primer on Hydrogen, discussing the existing and potential applications as a chemical raw material, fuel and reducing agent: <ul style="list-style-type: none"> <li>• Existing Applications of Grey Hydrogen, Ammonia &amp; other derivatives</li> <li>• Green Hydrogen Value Chain – Production, Storage, Transport &amp; Distribution</li> </ul> (Speaker : Mr. Mayank Bhardwaj, SAREP)
10:30 – 11:00 (30 mins)	<b>Policy Announcements in India - National Hydrogen Mission:</b> Providing policy perspective discussing the mission objectives, strategy and implementation roadmap (Speaker : Mr. Anuraag Nallapaneni, WRI India)
11:00 – 11:10 (10 mins)	<b>Q&amp;A Session</b>
11:10 – 11:25 (15 min)	<b>Tea/Coffee break</b>
11:25 – 11:55 (30 mins)	<b>Sizing principle for a typical green hydrogen plant and its electricity requirement:</b> Discuss main components of hydrogen facility – Electrolyzer, Ammonia Loop, Compressors and Storage and sizing and Optimization considerations (Speaker : Mr. Vivek Bhardwaj, SAREP)
11:55 – 12:05 (10 mins)	<b>Q&amp;A Session</b>
12:05 – 12:35 (30 min)	<b>‘Global Electrolyser manufacturing market – Trends in technology &amp; manufacturing capacity’</b> (Speaker : Mr. Shaji John, Sr. VP, Ohmium International)
12:35 – 12:45 (10 mins)	<b>Q&amp;A Session</b>
12:45 – 13:45 (60 min)	<b>Lunch break</b>
13:45 – 14:15 (30 min)	<b>Costing and economics of Green Hydrogen and Green Ammonia :</b> Understanding the major cost components, major factors driving the landed cost of Green H2 and a hands-on exercise on for calculation of Levelized Cost of Green H2 (Speaker : Ms. Vivek Salwan, SAREP)
14:15 – 14:25 mins	<b>Q&amp;A Session</b>
14:25 – 14:55 (30 min)	<b>Key insights, Risks and Mitigation options for financing:</b> Project structuring, Contractual Framework and Risk Management (Speaker : Ms. Nandini Chaudhury, SAREP)
14:55 – 15:05 (10 mins)	<b>Q&amp;A Session</b>
15:05 – 15:15 (10 min)	<b>Tea/Coffee break</b>
15:15 – 15:50 (35 mins)	<b>Global Perspective – Policy &amp; Regulations:</b> Policy Support in US & EU, Other options for Policy Interventions and Challenges around Common Standards (Speaker: Mr. Nishaanth B, Dr. Sam Barlett & Mr. Joe Williams - Green H2 Organization)
15:50 – 16:00 (10 mins)	<b>Q&amp;A Session</b>
16:00 – 16:35 (35 mins)	<b>India’s Potential as a Green Hydrogen Hub</b> (Speaker: Mr. Kapil Maheshwari, CEO, Welspun New Energy)
16:35 – 16:45 (10 mins)	<b>Q&amp;A Session</b>
16:45 – 17:00 (15 mins)	<b>Closing Remarks/Vote of Thanks</b> (Speaker: Ms. Namrata Mukherjee, Deputy Chief of Party, SAREP)
17:00 onwards	<b>High Tea</b>