



Host Organizations:



Knowledge Partner



Panel Discussion on Green Hydrogen Standards and Certification

 20 July 2023 | 4:45 - 6:15 pm IST | Grand Hyatt | Goa | India

Concept Note

Context

The International Solar Alliance (ISA), the Asian Development Bank (ADB) and the Green Hydrogen Organisation India (GH2 India) are bringing together government, industry, and civil society leaders to discuss how to accelerate the development of green hydrogen standards and certification. Clear standards and trusted certification schemes will be crucial in meeting ambitious global targets for green hydrogen production, consumption, and export. But we need a robust and cost-effective approach to ensuring green hydrogen is green. The discussion will emphasise the importance of ensuring sustainable and environmentally responsible practices in green hydrogen production and highlight the significance of considering the life cycle impacts of hydrogen projects.

This event brings together leading experts with a focus on identifying concrete steps that can be taken to align policy and project development with international good practices.

Session Objectives

The session aims to achieve the following objectives

- ✓ **Explore the future of hydrogen standards**, highlighting the importance of modularity and forward-thinking approaches for flexible standards that can adapt to evolving technologies and market dynamics.
- ✓ **Emphasise the importance of hydrogen standards** in promoting genuinely environmentally friendly projects that truly reduce emissions.
- ✓ **Highlights the need for transparent and credible criteria for evaluating hydrogen projects** to avoid greenwashing and ensure the effectiveness of emissions reduction efforts.
- ✓ **Probe into the concepts of additionality and sustainability concerning green hydrogen production.** It will explore the notion of additionality, which refers to the environmental benefits achieved beyond business-as-usual practices.
- ✓ **Building on lessons from leading jurisdictions like India, EU and USA.**



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About the International Solar Alliance (ISA)

The International Solar Alliance is an international organisation with 114 Member and Signatory countries. It works with governments to improve energy access and security worldwide and promote solar power as a sustainable transition to a carbon-neutral future. ISA's mission is to unlock US\$ 1 trillion of investments in solar by 2030 while reducing the cost of the technology and its financing. It promotes the use of solar energy in the agriculture, health, transport, and power generation sectors. ISA Member Countries are driving change by enacting policies and regulations, sharing best practices, agreeing on common standards, and mobilising investments. ISA is partnering with multilateral development banks (MDBs), development financial institutions (DFIs), private and public sector organisations, civil society, and other international institutions to deploy cost-effective and transformational solutions through solar energy.

About the Asian Development Bank (ADB)

The Asian Development Bank (ADB) is a regional development bank established in 1966 and headquartered in Manila, the Philippines. It has 68-member countries, including 49 from the Asia-Pacific region and 19 from other regions. Its main objective is to reduce poverty and improve living standards in the region. The bank provides financial assistance, technical support, and policy advice to its member countries. It focuses on various sectors such as infrastructure development, energy, transportation, water supply, education, health, agriculture, and rural development. The bank offers loans, grants, and guarantees to finance projects and programs. It also promotes regional cooperation and integration to stimulate economic growth and stability. In addition, the ADB emphasises good governance, environmental sustainability, and inclusive development.


About Green Hydrogen Organisation (GH2)


The Green Hydrogen Organisation (GH2) is a Swiss non-profit foundation working with government, industry, and civil society to dramatically accelerate the production and utilisation of green hydrogen and its derivatives across a range of sectors globally. GH2 brings together government, industry, and civil society to enable the rapid uptake of green hydrogen globally. It has developed the Green Hydrogen Standard, currently piloted by six large developers; it runs the Roundtable on Development Finance Institutions for Green Hydrogen; it runs Good Green Hydrogen Contracting – for People and Planet; runs the Africa Green Hydrogen Alliance, has a presence in Beijing, Buenos Aires, Chennai, London, Nairobi, Oslo, and Perth, in addition to its office in Geneva; and is convening a network of think tanks and civil society organisations. GH2 is part of the Global Renewables Alliance. For more details, visit our website <https://gh2.org>.

AGENDA

Agenda Item	Duration	Speakers
Inaugural Session	4:45 pm - 5:05 pm IST	<ul style="list-style-type: none"> • Dr Ajay Mathur, Director General International Solar Alliance • Dr Priyantha Wijayatunga, Senior Director Energy Sector Group, Asian Development Bank • Jonas Moberg, CEO Green Hydrogen Organisation • Abhay Bakre, Director General Bureau of Energy Efficiency, Ministry of Power, Government of India
Presentation on ISA programme on Green Hydrogen	5:05 pm - 5:10 pm IST	<ul style="list-style-type: none"> • Dr Mridula Bharadwaj, Knowledge Management and Capacity Building Specialist International Solar Alliance
Panel Discussion & Audience Interaction Moderator Dr Pradeep Tharakan Director Energy Transition, Asian Development Bank	5:10 pm - 6:10 pm IST	<ul style="list-style-type: none"> • Prof Scott Hamilton, Senior Advisor Zero Carbon Hydrogen Australia • Mathieu Geze, Director Asia HDF Energy, Indonesia • Julia Souder, CEO Long Duration Energy Storage Council Chair of Global Renewables Alliance • Dr Rahul Walawalkar, President India Energy Storage Alliance and MD, CustomisedEnergy Solutions • Dr. Laurent ANTONI, Executive Director, International Partnership for Hydrogen and Fuel Cells in the Economy, IPHE Secretariat, France • Jonas Moberg, CEO Green Hydrogen Organisation
Conclusion	6:10 pm - 6:15 pm IST	<ul style="list-style-type: none"> • International Solar Alliance

For more details, contact: info@isolaralliance.org

 <https://isolaralliance.org>

 <https://www.youtube.com/channel/UCenJjENDpDfeCrORy-f6zsg>

 <https://www.instagram.com/internationalsolaralliance/?hl=en>

 <https://twitter.com/isolaralliance>

 <https://facebook.com/InternationalSolarAlliance/>