

PROPOSED PROGRAMME & SPEAKERS — VI

17–18 November 2026 · India Expo Centre & Mart, Greater Noida, Delhi NCR

DAY 1 · 17 NOVEMBER 2026

TIME	PLENARY CONFERENCE	TECHNICAL CONFERENCE	LEADERSHIP ROUNDTABLES	SECTORAL SESSIONS — THE ARENA
09:30 – 10:00	Registrations and Networking			
10:00 – 11:00	INAUGURAL SESSION Welcome Address, Industry Keynotes and Chief Guest Address			
11:10 – 12:10	PLENARY Opening Plenary: India's Hydrogen Moment From National Mission to Leadership — India's role in the next global clean energy order; moving from policy ambition to execution; building investor and partner confidence; hydrogen as industrial strategy; opportunity across production, consumption, manufacturing and exports.	TECHNICAL Electrolyser Technology Selection & Performance Alkaline, PEM, AEM and SOEC in real operating conditions — efficiency, degradation, load flexibility, maintenance cycles and technology selection for Indian projects.	ROUNDTABLE	ARENA Hydrogen 101: Understanding the Green Hydrogen Opportunity A high-impact explainer for visitors, students, new entrants and business leaders — what green hydrogen is, where it is used, and why it matters for India.
12:15 – 13:15	PLENARY Building the Hydrogen Backbone Hubs, Ports, Pipelines & Industrial Corridors — designing hubs around demand and renewables; port-led export infrastructure; pipelines, storage and last-mile delivery; public vs private investment; globally competitive corridors.	TECHNICAL Balance-of-Plant & System Integration The critical engineering layer behind hydrogen projects — rectifiers, cooling, gas purification, drying, compression, control systems, electrical integration and plant layout optimisation.	ROUNDTABLE Global Leaders Roundtable Building Collaborative Hydrogen Ecosystems	ARENA Sectoral Focus: Clean Energy
13:15 – 14:15	Lunch & Networking			
14:15 – 15:15	PLENARY Securing the Hydrogen Value Chain Manufacturing, Technology Partnerships & Supply Chain Resilience — electrolyser manufacturing and localisation; critical minerals, membranes, stacks and catalysts; technology transfer and JVs; domestic supplier ecosystem; lessons from solar and battery supply chains.	TECHNICAL Hydrogen Safety, HAZOP & Risk Engineering Designing safe hydrogen facilities from day zero — HAZOP, QRA, leak detection, ventilation, hazardous zoning, emergency response and operational safety culture.	ROUNDTABLE Country Roundtable: India–Germany Green Hydrogen Partnership — Technology, Manufacturing, Skills and Industrial Decarbonisation	ARENA Sectoral Focus: Oil & Gas
15:20 – 16:20	PLENARY The New Hydrogen Map Energy Security, Trade Corridors & Green Molecule Diplomacy — future exporters vs demand centres; India–Europe, Japan, Korea and Middle East corridors; hydrogen, ammonia, methanol and LOHC as trade vectors; certification and guarantees of origin; ports and shipping as enablers; G2G cooperation.	TECHNICAL Green Ammonia Plant Engineering Hydrogen derivatives for fertilisers, shipping and exports — hydrogen-to-ammonia integration, nitrogen generation, synthesis loop design, storage, handling, safety and export terminal requirements.	ROUNDTABLE Manufacturing and Value chain Securing a robust supply chain and creating resilient eco-systems	ARENA Sectoral Focus: Maritime
16:25 – 17:25	PLENARY Decarbonising Without Deindustrialising Hydrogen for Industrial Competitiveness — keeping Indian manufacturing globally competitive; CBAM and low-carbon exports; hydrogen for premium steel, chemicals and fertilisers; first-mover support for hard-to-abate industries.	TECHNICAL Water Systems for Green Hydrogen Projects Sourcing, treatment, recycling and coastal project design — desalination, purification, wastewater reuse, cooling needs, zero-liquid discharge and case studies for coastal and inland sites.	ROUNDTABLE Investor Roundtable Enabling Capital for the Hydrogen Transition	ARENA Sectoral Focus: Mobility

■ Plenary
 ■ Technical Conference
 ■ Leadership Roundtable
 ■ The Arena (Sectoral)

Co-organised by GH2 India & GL events

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TIME	PLENARY CONFERENCE	TECHNICAL CONFERENCE	LEADERSHIP ROUNDTABLES	SECTORAL SESSIONS — THE ARENA
10:00 – 11:00	PLENARY The Green Molecules Economy Hydrogen, Ammonia, Methanol and Future Fuels — green ammonia and methanol as export opportunity; fertilisers, shipping, aviation and chemicals as key markets; domestic vs export-led models; certification and carbon-intensity for derivatives; integrated value chain.	TECHNICAL Hydrogen Storage & Compression Systems Designing reliable storage for industrial and mobility use—compressed storage, compressor selection, pressure management, materials compatibility, energy losses, system reliability and cluster storage design.	ROUNDTABLE East Asian Markets for green molecules Green Hydrogen Partnership	ARENA Sectoral Focus: Steel
11:10 – 12:10	PLENARY CEO Leadership Panel: From Ambition to Execution What Industry Needs Now—what is slowing project deployment; industry expectations from government and regulators; collaboration between producers, buyers, financiers and infrastructure players; global competitiveness; priority actions before 2030.	TECHNICAL Hydrogen Transport & Distribution Engineering Pipelines, tube trailers, blending and last-mile delivery—practical transport options within India, pipeline readiness, blending limits, distribution safety, metering and delivery models for early demand centres.	ROUNDTABLE The Green Maritime Opportunity Port and Maritime led demand for green molecules. Emerging regulations and state of preparedness.	ARENA Sectoral Focus: Bio-Energy
12:15 – 13:15	PLENARY Building India's Green Hydrogen Demand Base From Early Off-take to Industrial-Scale Adoption — steel, refining, fertilisers, chemicals and shipping as anchor sectors; the green premium and how costs flow; mandates and procurement obligations; long-term off-take and demand aggregation; realistic adoption timelines.	TECHNICAL Testing, Certification & Hydrogen Quality Building trust in hydrogen, equipment and derivatives — purity, measurement, metering, equipment testing, certification, laboratory infrastructure and quality assurance for commercial projects.	ROUNDTABLE State Roundtable States as Green Hydrogen Manufacturing Hubs	ARENA Sectoral Focus: Fertilisers
13:15 – 14:15	Lunch & Networking			
14:15 – 15:15	PLENARY Hydrogen for Heavy Mobility & Future Transport Trucks, Rail, Shipping, Aviation and Logistics — where hydrogen makes sense versus batteries; heavy-duty trucking, buses, rail, ports and logistics fleets; ammonia, methanol and SAF; refuelling infrastructure and fleet aggregation; commercial models for early adoption.	TECHNICAL Hydrogen Integration in Refineries, Fertilisers and Steel Retrofitting existing industrial systems—refinery hydrogen replacement, fertiliser applications, hydrogen-based DRI, burner compatibility, process retrofits and reliability needs.	ROUNDTABLE Country Roundtable (TBC) Collaboration for Raw Material and Trade in Green Hydrogen	ARENA Sectoral Focus: Aviation
15:20 – 16:20	PLENARY The Global Leadership Dialogue Hydrogen 2030: Reality, Risk & Opportunity — what will realistically scale before 2030; what has been delayed or overstated; cost reduction, demand creation and policy certainty priorities; which countries and companies are likely to lead; India's roadmap to a top global hydrogen hub.	TECHNICAL Digital Plants: AI, Digital Twins & Predictive Operations Digital systems for hydrogen plants—digital twins, predictive maintenance, real-time monitoring, automation, cybersecurity and data architecture for large project portfolios.	ROUNDTABLE TBC Strategic Priorities for Hydrogen Growth	ARENA Sectoral Focus: Ports
16:25 – 17:25				

**Programme structure, session titles and speakers are indicative and subject to confirmation.*