

NATIONAL CONFERENCE ON

Hydrogen Transportation & Blending



9 - 10 October 2026

Indian Institute of Technology Ropar
Rupnagar, Punjab



About the conference

Five years of evidence. Five networks. One framework.

The Petroleum and Natural Gas Regulatory Board convenes a two-day national conference at IIT Ropar on 9–10 October 2026, in partnership with the National Green Hydrogen Mission, with IIT Ropar as academic partner.

Since 2021 the Board has authorised and overseen five hydrogen blending pilot projects on city gas distribution networks, published a Roadmap for hydrogen transportation through pipelines, constituted a Scientific Advisory Committee, and engaged with the international institutions that wrote the world's gas standards. The conference places that work in the public domain, and at its centre, unveils the Draft Typical Guidelines for Hydrogen Blending with Natural Gas.

Why it matters

Clause 6.4 of the National Green Hydrogen Mission looks to PNGRB to enable the regulatory framework that will allow hydrogen into India's gas networks. The Draft Typical Guidelines are the first step, built on Indian field evidence, for the gas that reaches Indian homes.

WHAT THE PROGRAMME COVERS

Pilot experience

Findings from the five authorised blending pilots and the gaps they identify.

Research priorities

How International Bodies have approached H₂ Transportation/blending, and what transfers to India.

Safety and standards

The regulatory landscape across statutory bodies and the National Hydrogen Safety Panel.

Industry preparedness

Materials, pipelines, equipment and end-use readiness.

HOW THE TWO DAYS ARE STRUCTURED

DAY ONE — FRIDAY 9 OCTOBER

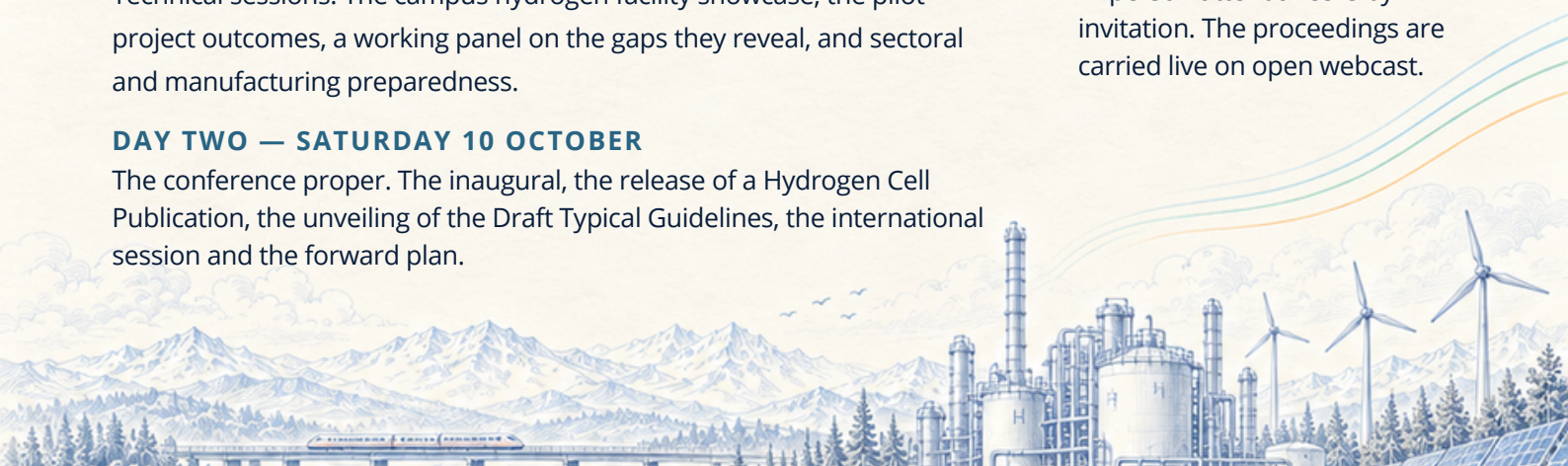
Technical sessions. The campus hydrogen facility showcase, the pilot project outcomes, a working panel on the gaps they reveal, and sectoral and manufacturing preparedness.

DAY TWO — SATURDAY 10 OCTOBER

The conference proper. The inaugural, the release of a Hydrogen Cell Publication, the unveiling of the Draft Typical Guidelines, the international session and the forward plan.

ATTENDANCE

In-person attendance is by invitation. The proceedings are carried live on open webcast.



Two days at IIT Ropar

Tentative programme. All times are Indian Standard Time (IST).

01 Friday, 9 October

Pilots, progress and sectoral preparedness

10:00 - 11:30	<i>Registration and Campus Hydrogen Facility Showcase</i>
11:30 - 12:00	<i>Tea and arrival of delegates</i>
12:00 - 12:10	Opening Remarks
12:10 - 12:30	PNGRB Preparedness and Progress
12:30 - 13:15	Academia and Research
13:15 - 14:15	<i>Lunch</i>
14:15 - 15:30	Dissemination of Pilot Outcomes
15:30 - 15:45	<i>Tea</i>
15:45 - 16:45	Panel — Challenges and Way Forward
16:45 - 18:05	Sectoral and Manufacturing Preparedness
19:30	Networking Dinner

02 Saturday, 10 October

Roadmap, research and regulatory landscape

09:00 - 09:30	<i>Registration and welcome tea</i>
09:30 - 11:00	Inaugural Session
11:00 - 11:15	Release of the Publication — The Molecule and the Network
11:15 - 11:35	Ceremonial Unveiling — Draft Typical Guidelines for Hydrogen Blending with Natural Gas
11:35 - 11:50	<i>High Tea</i>
11:50 - 12:15	Special Address — The Mission Perspective
12:15 - 13:45	International and Partner Institutions
13:45 - 14:30	<i>Lunch</i>
14:30 - 15:20	Roadmap-based Forward Plan
15:20 - 15:35	<i>Tea</i>
15:35 - 16:20	The Hydrogen Regulatory Landscape (NHSP)
16:20 - 16:30	Vote of Thanks



Watch the conference

09-10 October 2026

Live from IIT Ropar

The webcast will be open to all. Follow the conference online and share the viewing link with colleagues across your organisation.

01 Visit the conference microsite

Use the address below or scan the QR code.

02 Open the webcast

Select the viewing link for the day's proceedings.

03 Check the latest programme

All session times are shown in IST.



<https://pngrb.gov.in/eng-web/hydrogen-conference.html>

In-person attendance is by invitation.

The webcast is open to all.

INSTITUTIONAL PARTICIPATION

PNGRB, NGHM and IIT Ropar, with proposed contributions from safety and standards institutions, academia, pilot entities, international technical organisations and manufacturers.

CONFERENCE COORDINATION

Hydrogen Cell, PNGRB

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