

# GREEN HYDROGEN ECONOMIES

## A BELGO-INDIAN CONCLAVE



14<sup>th</sup> October, 2021 (Thursday)

14:00-16:00 Indian Standard Time (IST)

10:30-12:30 Central European Time (CET)

Click [here](#) to register

RSVP

Ms Harshada Duba  
Email: [harshada.duba@cii.in](mailto:harshada.duba@cii.in)  
Cell: +91 97691 25572

### Keynote speakers



Ms Tinne VAN DER STRAETEN  
Minister of Energy, Belgium



Mr Amitabh KANT  
CEO, NITI Aayog, India

### Program

14:00 (IST)  
10:30 (CET) Welcome & house rules by the Master of Ceremonies

14:05 (IST)  
10:35 (CET) Opening remarks by **Mr Pierre-Emmanuel BRUSSELMANS**,  
Consul General of the Kingdom of Belgium in Mumbai

14:10 (IST)  
10:40 (CET) Session 1: Roadmap to a hydrogen economy in India and Belgium  
• Address by **Ms Tinne VAN DER STRAETEN**, Minister of Energy, Belgium  
• Address by **Mr Amitabh KANT**, CEO of NITI Aayog, India

14:30 (IST)  
11:00 (CET) Session 2: Presentations of pilot projects by Belgian companies moderated by  
**Mr Kowthamraj VS**, Future Energy Leader (FEL) Fellow, World Energy Council  
• **Mr Sven GOETHALS**, Business Development Director Energy, Tractebel  
• **Mr Raphael TILOT**, Executive Vice President Renewables, John Cockerill Energy  
• **Mr Herbert JOST**, General Manager Green Hydrogen, DEME Group

15:10 (IST)  
11:40 (CET) Session 3: Presentations of pilot projects by Indian companies moderated by  
**Mr Pierre MARTENS**, Business Group Leader Manufacturing, Agoria  
• **Mr Hital MESWANI**, Executive Director, Reliance Industries Limited  
• **Dr S S V RAMAKUMAR**, Director (R&D), Indian Oil Company Limited  
• **Mr Mayank BANSAL**, President - Strategy & Operations, ReNew Power (tbc)

15:50 (IST)  
12:20 (CET) Closing remarks by **Mr Vishal MEHTA**, Managing Director & Partner,  
Boston Consulting Group

15:55 (IST)  
12:25 (CET) Vote of thanks by **Mr B. THIAGARAJAN**, Chairman, CII - Western Region

### Our speakers



### Organisers



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## BACKGROUND INFORMATION

The emergence of green hydrogen as a low-carbon feedstock presents immense potential to decarbonize “hard-to-abate” industrial sectors (where electrification is difficult to realize), while presenting new opportunities for clean mobility, shipping, energy storage etc. There is significant interest being generated for green hydrogen with over 30 countries releasing hydrogen roadmaps, more than 200 hydrogen projects and ambitious investment plans being announced globally.

However, while the technology has benefitted significantly from the rapidly declining cost of renewable energy and falling cost and improving efficiency of electrolyzers, there is still an unlock required across the ecosystem to deliver the full potential of green hydrogen. Also needed are further cost reduction and scale-up of electrolyzer and fuel cell technologies, supply chain and infrastructure development as well as favorable regulations and policies.

Green hydrogen particularly holds immense promise for India and its population of 1.3 billion. In addition to furthering India’s climate goals, the adoption of green hydrogen can help the country decrease dependency on imported energy sources, decarbonize its growing industrial sectors, and provide stable off-take opportunities for its growing renewable energy capacity. Recognizing the opportunity, India has announced the National Hydrogen Mission with the vision of becoming a global hub for green hydrogen production. Under discussion are multiple initiatives such as demand-side blending mandates and viability gap funding, supply-side incentives to optimize cost of green hydrogen production and incentives to promote technology localization.

Green hydrogen is also key for Belgium to achieve its decarbonization target of 80% emissions reduction by 2050. As a small and densely populated country with limited offshore capacity, the market for hydrogen production in Belgium will remain rather limited compared to the multiple Gigawatts projects planned in Europe. Nevertheless, thanks to a very rich hydrogen ecosystem across the value chain, Belgium is leading the European peloton in terms of project maturity and almost all type of green hydrogen production projects will be deployed within the coming years. In this context, the federal and regional governments of Belgium are supporting multiple initiatives to develop green hydrogen technologies and large-scale infrastructure projects (including for the import of green hydrogen).

Given the common vision on building green hydrogen economies, the aim of this Business Conclave, with top speakers from both countries’ green hydrogen ecosystems, is to explore further possible technological partnerships between India and Belgium. With the participation of the Belgian Minister of Energy, Ms. Tinne Van Der Straeten, and the Chief Executive Officer from NITI Aayog, Mr. Amitabh Kant, as Chief Guests, this virtual event will bring together notable industry leaders and experts across both countries to illustrate the opportunities and challenges along with the avenues for cooperation.

The keynote addresses will present the roadmap choices available to India and Belgium for developing their hydrogen economies. The second session will entail a presentation of expertise from several companies active in green hydrogen projects in Belgium. The third session will highlight the initiatives undertaken by important Indian companies and the road ahead for securing the place of green hydrogen as part of the Indian renewable energy mix.



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