

Press Release

European Clean Hydrogen Alliance publish 'Learnbook on Hydrogen Supply Corridors'

(Brussels, 17 April 2023, PR0290-23) **The Roundtable for Hydrogen Transmission and Distribution of the European Clean Hydrogen Alliance, supported by European Commission's Directorate-General for Internal Market, Industry, Entrepreneurship and SMEs, have published its 'Learnbook on Hydrogen Supply Corridors' (the Learnbook). The Learnbook was developed based on the mandate from Roundtable CEOs and provides industry expertise and knowledge on the potential development of the six potential hydrogen import corridors as visualised in the REPowerEU Action Plan.**

The REPowerEU Action Plan included an objective to accelerate development of hydrogen infrastructure for producing, importing, and transporting 20 million tonnes of hydrogen by 2030. In response, on 29 September the CEOs of the Clean Hydrogen Transmission and Distribution Roundtable, representing public and private companies, research institutes, civil society and regional authorities working in the transport and distribution of hydrogen, mandated preparation of a report on H₂ supply corridors.

The Learnbook focuses on six potential hydrogen supply corridors: South Central (Adriatic in REPower), Iberian, North Sea, Nordic Baltic, Eastern and South-eastern hydrogen corridor. In addition it includes a dedicated chapter on Germany as a key arrival and convergence point for all corridors.

The Learnbook was developed to materialise the theoretical, by applying practical industry expertise and knowledge within three key areas:

- identify the potential and specificities of each corridor
- provide visual representation of each corridor with a list of planned hydrogen transmission, distribution, storage, terminal and production/demand projects
- identify region specific bottlenecks and provide recommendations to mitigate them.

Jean Bergevin, Directorate-General for Internal Market, Industry, Entrepreneurship and SMEs Senior Expert, said, *“The Learnbook provides a very clear and detailed overview of the hydrogen infrastructure related initiatives in EU. It is a solid basis for further collaboration among stakeholders and for discussions on how to optimally connect hydrogen suppliers and consumers.”*

Piotr Kuś, ENTSOG General Director, commented, *“ENTSOG, as facilitator of the Roundtable, is honoured to be involved in the development of the Learnbook along with the many promoters who have contributed their project information and all those involved in the Roundtable. The Learnbook’s value lies in the data and it is clear that substantial progress is already being made through the relatively well elaborated set of corridors to be commissioned already before 2030. Further progress can be facilitated by addressing the potential barriers outlined in the report.”*

The ECHA ‘Learnbook on Hydrogen Supply Corridors’ is available on website of Directorate-General for Internal Market, Industry, Entrepreneurship and SMEs [here](#) listed under ‘Timeline’ and on the ENTSOG website, [here](#).

The Learnbook will be discussed with all the other roundtables of the Clean Hydrogen Alliance and with all the new members of those roundtables. ENTSOG will continue to provide transparent and up to date information on the hydrogen infrastructure availability for the emerging value chain via [ENTSOG TYNDP](#) and via the [Hydrogen Infrastructure Map](#).

Should you require any further information, please contact external Communications Manager Ms. Carmel Carey at ENTSOG.Communications@entsog.eu).

Editorial notes

- > [The European Network of Transmission System Operators for Gas \(ENTSOG\)](#) was founded in line with Regulation (EC) 715/2009 and has played a key role in facilitating integration of the European gas markets, ensuring technical interoperability and providing security of supply by gas infrastructure planning. Looking forward, ENTSOG is contributing to the net-zero decarbonisation by 2050, in particular, by the integration of renewable and low carbon gases via future-proof gas transmission pipelines, in line with the EU energy and climate goals. More information on ENTSOG can be found on our website – or contact info@entsog.eu.
- > The European Clean Hydrogen Alliance was set up in July 2020 to support the large-scale deployment of clean hydrogen technologies by 2030. It brings together renewable and low-carbon hydrogen production, demand in industry, mobility and other sectors, and hydrogen transmission and distribution. Its members come from industry, public authorities, civil society, and other stakeholders. More information is available on the [ECHA website](#).