

THE DAWN OF THE HYDROGEN ECONOMY? RECENT DEVELOPMENTS AND ACTIVITIES - PROGRAMME -

WEBINAR
SERIES

CONCEPT TIME

Digital lecture series with hydrogen experts
January 2023 to April 2023

LANGUAGE MEDIUM

every Wednesday (7.00 to 8.30 pm CET)
English, French (simultaneous translation)
Free participation via livestream (YouTube - one
stream per language)

HOSTED BY

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REGISTRATION

To receive the livestream links for the webinar series,
please fill in the registration form at:
[Link to registration form](#)

SECTION I | Production of green hydrogen

11.01.2023 | Opening event: hydrogen economy today and tomorrow

1. Hydrogen Outlook 2050 // 2. Cost optimized hydrogen production by wind power and photovoltaics

18.01.2023 | Developments in the field of hydrogen production

1. Offshore hydrogen production // 2. The role of PV-power for hydrogen production

SECTION II | Transport and storage of hydrogen

25.01.2023 | Hydrogen Tunisia

1. STEG's strategy for the development of PTX in Tunisia // 2. Green Hydrogen: Opportunities and Challenges for Tunisia

01.02.2023 | Hydrogen underground storage

1. Hydrogen and salt - the dream team for hydrogen storage? - Below ground // 2. Hydrogen and salt - the dream team for hydrogen storage? - Above ground. // 3. Hydrogen storage in metal hydride

08.02.2023 | Developments in hydrogen storage

1. Hydrogen storage in chemical media // 2. Chemical Hydrogen storage in salt systems // 3. H₂ storage in salt caverns

15.02.2023 | Hydrogen transport

1. European hydrogen backbone and hydrogen infrastructure projects // 2. Liquid hydrogen transport

22.02.2023 | Hydrogen ship transport

1. LOHC transport from Scotland to Germany // 2. Hydrogen transport using CO₂ as a carrier

SECTION III | Subordinate topics

01.03.2023 | Hydrogen injection into gas pipelines and hydrogen liquefaction

1. Interchangeability of hydrogen injection in gas pipelines (Maher Ben Chiekh, ENIM, Tunisia)
2. Advances in hydrogen liquefaction (Alexander Alekseev, Linde, Germany)

08.03.2023 | Certification and market establishment of hydrogen

1. Establishment of a global hydrogen market (Johannes Wege, HYPOS, Peter Mock, EXX, Germany)
2. Hydrogen Guarantee of Origin - An Overview (Claudio Schwalfenberg, TÜV NORD EnSys, Germany)

15.03.2023 | Market example

1. Decarbonization by Green Hydrogen in Germany (Manuel Langemann, Silke Neuberger, RWE, Germany)
2. Role of green hydrogen in the Tunisian energy strategy (Mongi Marzouk, Former Minister of Industry, Tunisia)

22.03.2023 | Country Reports USA and New Zealand

1. Hydrogen activities in New Zealand // 2. Country Report USA

29.03.2023 | Hydrogen technology applications

1. Lightweight composite structures for hydrogen storage applications (Marcello Ambrosio, Fraunhofer IPA, Germany)
2. Unleashing the Power of Hydrogen: Revolutionizing Industrial Mobile Robotics and Inter-Factory Transport (Ali Amammou, UQTR, Canada)

05.04.2023 | Country Reports MENA Region

1. Country Report Jordanien // 2. Country Report Egypt // 3. Country Report Morocco

12.04.2023 | Country Reports Southern America and Southern Africa

1. Country Report Chile // 2. Country Report Nigeria // 3. Country Report South Africa

Added Webinar Dates