



ONLINE CONFERENCE

MODERN TECHNOLOGIES FOR THE HYDROGEN USE IN THE PRODUCTION OF ELECTRICITY
AND THE REDUCTION OF CO₂ EMISSIONS

19 August 2020 | Hours 9.30-13.15

Organized by:



SHORT DESCRIPTION

According to studies by the International Energy Agency, this is a critical year for hydrogen, as it is an essential fuel for the "green" future of energy and enjoys unprecedented interest worldwide, especially in the European Union, in response to the challenges of the "Green Deal". To use this opportunity, the authorities, but especially the companies, must act quickly, sustainably and ambitiously, starting today. At the same time, the beneficiaries of new, specific technologies must know them and understand the advantages they bring.

OBJECTIVES

The event organized by CNR-CME with the help of Siemens - a fervent promoter of new technologies - aims to assess the stage of development of technologies related to the use of hydrogen, the ways in which hydrogen can help achieve a clean, safe and accessible energy future, generating useful ideas in using its potential and ways to promote these ideas in Romania.

SUBJECTS OF INTEREST

- Technologies to reduce CO₂ emissions in electricity generation
- Technologies for producing electricity by burning hydrogen
- Energy storage in hydrogen

EXPECTED RESULTS

- Identifying the possibilities of using the potential of hydrogen in Romania

TARGET PARTICIPANTS

- Representatives of the authorities in the field (ministries and regulators);
- Representatives of companies that can benefit from the hydrogen use technologies;
- Representatives of research and design companies;
- Representatives of TSOs and SDGs

AGENDA

9.30-10.00 EEST	Participants registration
10.00-10.30	FOREWORD <ul style="list-style-type: none">• Iulian IANCU• László BORBÉLY• Niculae HAVRILEȚ WEC/ RNC Chairman State Counselor at the Prime Minister's Office MEEMA, Secretary of state
10.30-12.20	DISCUSSION SESSION
MODERATORS:	Petru RUȘEȚ Siemens Energy, CEO Stefan GHEORGHE WEC/RNC, Executive Director
Speakers:	
• Vinayaka Nakul PRASAD	Siemens, Manager Corporate Strategy <i>Hydrogen in the near future for the power industry</i> 20 min
• Mihai VARLAM	ICSI, CEO <i>Hydrogen role in the romanian decarbonisation</i> 20 min
• Alexander PESCHL	Siemens, Project Development CEE <i>Power2X sector coupling</i> 15 min
• Asa LYCKSTROEM	Siemens, Product Positioning Manager <i>Hydrogen Combustion in Siemens Gas Turbines</i> 20 min
• Tomas BENSKOELD	Siemens, Portfolio Consulting Professional <i>Flexible CoGen Plants decarbonization for min. CO₂ impact</i> 15 min
• Petre PALADE	NIMP, Senior Researcher 2nd Degree <i>Research related to hydrogen storage in NIMP</i> 20 min
12.20-12.30	BREAK
12.30-12.45	Q&A (SIEMENS Team)
12.45-13.15	CONCLUSIONS