



Central and Eastern Europe Roadshow



International forum

“HYDROGEN FOR MOBILITY and ENERGY”

September 19, 2023

Riga Technical University, Faculty of Electrical and Environmental Engineering, Azenes street 12/1

Working language: English

9:00	Registration & coffee Media event and Fuel Cell Electric (FCE) vehicles demonstration: FCE bus by CaetanoBus, FCE cars Toyota Mira and Hyundai Nexa, FCE drone and FCE bicycle	
10:00	Opening of the event	Aivars Starikovs, Hydrogen Europe, CEO Advisor for CEE countries, Latvian Hydrogen Association, Member of the Board Janis Vitenbergs, Minister of Transport of the Republic of Latvia (TBC)
10:10	Session I. Stimulating the demand for hydrogen in the Central and Eastern Europe – Hydrogen initiatives and Bus Roadshow <i>Session moderator: Aivars Starikovs</i>	
	Hydrogen initiatives in Europe	Representative of European Investment Bank (TBC)
	JIVE/JIVE2/MEHRLIN – Flagship FuelCell Buses Projects in Europe – Early Results and Best Practices	Flavio Grazian, The International Association of Public Transport (UITP) (TBC) Aivars Starikovs, Hydrogen Europe, CEO Advisor for CEE countries
	Hydrogen Strategy for Wielkopolska	Tomasz F. Pelc, NEXUS Consultants Sp. z o.o.
	Hydrogen perspectives in development plans of Latvenergo	Kaspars Cikmačs, JSC Latvenergo, Member of the Management Board, Chief Development Officer
	Discussion panel, Q&A	

11:45

Networking coffee break

Hydrogen energy expert consultations and Fuel Cell Electric (FCE) vehicles demonstration:

FCE bus by CaetanoBus, FCE cars Toyota Mira and Hyundai Nexo, FCE drone and FCE bicycle

PARALLEL SESSIONS

12:15

Parallel Session II. Hydrogen Energy - the future of energy independence for Europe - Latvian perspective

Session moderator: Aivars Starikovs

Key topics to be covered:

- The emergence of hydrogen as an energy carrier in more scenarios.
- Hydrogen produced with renewable electricity is a zero-emission energy carrier, which can help tackle various critical energy challenges.
- What are the most promising local initiatives introducing hydrogen energy in Latvia?

Topic of the presentation TBC

Laila Zemīte, Riga Technical University

Topic of the presentation TBC

Latvian Wind Energy Association (TBC)

HEAVENN project

Patrick Cnubben, project initiator

Discussion panel, Q&A

Session speakers joined by:

- Kaspars Cikmačs, JSC Latvenergo, Member of the Management Board, Chief Development Officer
- Radisa Nunic, Worthington Industries
- Representative of Orlen (TBC)
- David Yorke, Ballard Power Systems Europe, Market Development Manager

12:15

Parallel Session III. Hydrogen for Mobility - Latvian Perspective

Session moderator: Ģirts Greiškalns, Latvian Association of Hydrogen, member of the Board

Key topics to be covered:

- What are the main policy cornerstones necessary for successful development of hydrogen mobility projects?
- What are the strategies that companies could use in deployment of hydrogen projects?
- What would be the drivers to start using hydrogen as an energy source for mobility?

Fuel cell bus development at Caetano Bus and real-life experiences in public transport

Representative of CaetanoBus (TBC)

Hydrogen refuelling technology with focus on Fuel Cell Electric Buses

Representative of Messer (TBC)

Supporting the Regional Development of the Green Hydrogen Fuel Value Chain for Transportation in Estonia and Latvia (project - H2VALUE)

Jaanus Tamm, Tartu City council, project manager

Discussion panel, Q&A

Session speakers joined by:

- Normunds Feierbergs, International Airport Riga, Member of the Board (TBC)
- Gints Burks, Jelgava Bus Park, Member of the Board (TBC)
- Gints Kukainis, ZAOO SIA, Chairman of the Board (TBC)

13:45 **Networking lunch**

14:45 **Side event for students "Green Skills for the Green Deal"**
(For details, please see separate event agenda)

The forum programme is subject to change. All updates will be published on www.h2lv.eu.



Our supporters:



The forum is organised by Latvian Hydrogen Association and Hydrogen Europe within the framework of JIVE / JIVE 2 projects. The JIVE and JIVE2 projects have received funding from the Clean Hydrogen Joint Undertaking under Grant Agreements No 735582 and 779563. This Joint Undertaking receives support from the European Union's Horizon 2020 research and innovation programme, Hydrogen Europe, and Hydrogen Europe Research

About the JIVE and JIVE 2 projects: The JIVE and JIVE2 projects, which started in January 2017 and January 2018, will deploy 310 zero-emission fuel cell buses and associated infrastructure (under the MEHRLIN project) in 17 European cities and regions by the early 2020s – the largest deployment in Europe to date. The buses will be deployed in cities and regions in France, Germany, Italy, the Netherlands, Spain, and the United Kingdom.



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Co-funded by
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FORUM SIDE EVENT FOR STUDENTS

“GREEN SKILLS for the GREEN DEAL”

Riga Technical University, Science and Innovation Centre, Kipsalas street 6

14:45

Session moderator: Pēteris Lesničenoks, Latvian Association of Hydrogen, Member of the Board

Presentations:

- Katarina Muse, Hydrogen Europe, a Regional Pillar and Skills Manager
- Sarah Lang, The DAAD, Team leader (an association of German institutions of higher education and their student bodies)

Discussion panel, Q&A

Session speakers joined by:

- Anda Čakša, Minister of Education and Science of the Republic of Latvia
- Andris Anspoks, University of Latvia, Director of Institute of Solid-State Physics
- Laila Zemīte, Representative of Riga Technical University (TBC)
- Representative of Latvia University of Life Sciences and Technologies (TBC)