



NO-DEPENDENCE Days: Hydrogen in Montenegro - From Potential to Practice

Educational Programme – Discover → Experience → Reflect

AGENDA

Discover - Understanding Hydrogen Technologies

13 May 2026 (Wednesday)

Location: Multimedia Hall, University Sports and Cultural Centre (08:45 – 12:30)

Faculty of Technology, University of Montenegro (13:15 – 15:30)

Format: Workshop

Target audience: Students, young researchers, PhD candidates, early-career engineers, representatives of public institutions and the wider professional community.

Objective: To introduce hydrogen technologies in an accessible, system-oriented way, providing a clear understanding of their role in the energy transition and establishing a foundation for further engagement and practical application.

Time	Agenda Topic	Speaker
08:45 - 09:00	Registration	
09:00 - 09:10	Welcome Address	Prof. dr Irena Nikolić <i>Dean of the Faculty of Technology, University of Montenegro (UCG)</i>
09:10 - 09:35	Opening Session <i>Welcome and introduction to the NO-DEPENDENCE project and workshop objectives</i>	Prof. dr Vanja Asanović (UCG) Dr Jasmina Grbović Novaković (Vinča Institute)
09:35 - 10:00	Why Hydrogen Matters? Hydrogen production and storage	Dr Sanja Milošević Govedarović (Vinča Institute)



This workshop is supported by:

The NATO Science for Peace and Security Programme

10:00 - 10:25	Modification of Materials for Hydrogen Production and Storage via Ion Bombardment	Dr Sandra Kurko <i>(Vinča Institute)</i>
10:25 - 10:50	Coffee Break	
10:50 - 11:15	From Biomass to Hydrogen	<i>Dr Slobodan Cvetković (IHTM)</i>
11:15 - 11:40	Solid-State Reaction and Process Kinetics: Q&A	Dr Branislav Stanković <i>(Vinča Institute)</i>
11:40 – 12:05	The Role of Artificial Intelligence in Researching Materials for Energy Storage	Dr Katarina Batalović <i>(Vinča Institute)</i>
12:05 – 12:30	Discussion	
12:30 – 13:15	Lunch Break	
13:15 – 14:45	From Laboratory to Energy Systems: The NO-DEPENDENCE Approach <i>An interactive discussion presenting how research activities within the NO-DEPENDENCE project contribute to the development of hydrogen technologies, linking materials, experimental work and system-level applications in real-world contexts</i>	All
14:45 – 15:30	Entering the Laboratory: What Will We Explore Tomorrow? <i>A short, guided session introducing the experimental work planned for the next day.</i>	All



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CONVINCE



Experience - From Concepts to Laboratory Practice

14 May 2026 (Thursday)

Location: Faculty of Technology, University of Montenegro

Format: Hands-on session

Target audience: students, young researchers, PhD candidates, early-career engineers and participants of the educational programme

Facilitators: prof. dr Vanja Asanović, MSc Aleksandra Žurić, MSc Milica Vujić

Objective: To connect theoretical understanding with experimental work through direct engagement with laboratory measurements, with a focus on thermal analysis using the NEXTA STA 300.

Description: Participants will engage in guided laboratory activities to observe how material behaviour relates to hydrogen technologies in practice. The session provides practical insight into experimental methods, data interpretation and the role of materials in real-world energy systems.

Reflect - From Materials to Systems: Research in Practice

15 May 2026 (Friday)

Location: Multimedia Hall, University Sports and Cultural Centre (11:00 – 14:30)

Format: Participant presentations and practice

Moderator: prof. dr Milena Tadić

Objective: To provide a platform for participants to present their insights by connecting theoretical understanding, experimental work and real-world applications, while reflecting on the role of materials and hydrogen technologies within broader energy and environmental systems.

Description: The session brings together participants to share their perspectives and key takeaways from the workshop. Through short presentations and discussion, the focus is on linking knowledge gained across the programme and exploring how research in materials can be translated into practical applications, including those relevant to hydrogen technologies in Montenegro.



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