

Development of Competences

Empowering Sustainable Education

3-Day Workshop - Hydrogen Technology - 18 to 20 March 2026

Sincerely,

Carinthia University of Applied Sciences, National Institute of Chemistry (in cooperation with the Center for Development, Demonstration and Training in Carbon-Free Technologies - Center DUBT), and the Forschung Burgenland research centre, is organising a three-day interactive workshop on HYDROGEN TECHNOLOGIES as part of the cross-border project H2GreenFUTURE (Interreg Slovenia-Austria programme).

The programme includes **two online events** (18 and 20 March 2026) and **a demonstration visit to two research centres** – the Center DUBT (Kisovec, Slovenia) and/or Energetikum – Forschung Burgenland (Pinkafeld, Austria) on 19 March 2026.

The workshop aims to transfer knowledge from researchers and academics in the field of (green) hydrogen technologies to employees in companies and industry, researchers, students, and teachers.

Participation is free of charge. The number of places available for day two is limited; applications will be considered in the order in which they are received.

The event will be held in English, but experts will be available during the live demonstrations (on day 2) to provide additional explanations in Slovenian (in Kisovec) or German (in Pinkafeld).

Regulatory framework/conditions: this activity is carried out within the framework of the H2GreenFUTURE project, which is co-financed by the Interreg Slovenia-Austria programme. Please note that this project activity falls under GBER, Article 20a, so we will need to obtain certain information about your company, such as your company address and VAT number, when you register. State aid under GBER Article 20a (indirect state aid) does not affect de minimis.

[Click here to register](#)

Kind regards,

The H2GreenFUTURE project team

AGENDA

Day 1: Online Theory & Interactive session

Starting time	Agenda item	Speaker	Duration
12:30	Opening & Programme Overview	Tomaž Čebela, NIC	00:10
12:40	Introduction to Hydrogen Technologies	Blaž Likozar, NIC	00:30
13:10	FB Education Activities	Christian Seidl, FB	00:30
13:40	Training and Education Support Capabilities (industry) in Center DUBT	Gasan Osojnik, NIC	00:30
14:10	Break		00:10
14:20	Introduction WP3 + project (students)	Alexander Berndt, CUAS	00:30
14:50	Preplet Education Hub from Zasavje - technology & educational perspectives	Nataša Grošelj, Preplet	00:30
15:20	Presentation of agendas of Day2 (Center DUBT / Energetikum/ Region Villach)	Gasan Osojnik, NIC and Christian Seidl, FB	00:30
15:50	Daily Summary & Outlook on Day 2 Excursions & Day 3	Tomaž Čebela, NIC	00:10

Day 2: On-site Demonstrations (Slovenia or Austria)

Slovenia:

The demonstration workshop at Center DUBT (Slovenia) is intended for employees, students, teachers, and researchers, combining theory and practice in electrolysis, fuel cells, and characterisation. A theoretical lecture by CUAS is complemented by practical demonstrations, characterisation methods, and hands-on exercises at Center DUBT, with parallel sessions tailored to educational and industrial perspectives. The workshop is delivered by experts from CUAS, Center DUBT, and NIC, encouraging interdisciplinary exchange and applied learning while showcasing advanced research infrastructure in hydrogen technologies.

Starting time	Agenda item	Remark	Leader	Duration
08:45	Arrival & Coffee			00:15
09:00	Introductory presentation		Dr. Janvit Teržan, Marko Soderžnik, Alexander Berndt	00:30
09:30	2 parallel sessions	Teachers: electrolysis + fuel cells (45 min each module)	Alexander Berndt, CUAS	02:00
		Industry: electrolysis + fuel cells + characterization 45 min/module, conducted in parallel	Dr. Janvit Teržan, Marko Soderžnik, Petra Stražar Gatalo	02:00
11:30	Break + coffee + fruit			00:30
12:00	Exercises, part 2		Dr. Janvit Teržan, Marko Soderžnik, Petra Stražar Gatalo	02:00
14:00	Lunch			01:00

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H2GreenFUTURE

Austria:

Starting time	Agenda item	Leader	Duration
10:00	Arrival		00:30
10:30	Introductory presentation	Christian Seidl, FB	00:30
11:00	Tour and background information on Energetikum (and Lowergetikum)	Nora Kirchknopf, FB	01:00
12:00	General laboratory tour	Helmut Plank, FB	00:30
12:30	Break		00:30
13:00	Tour and discussion of fuel cell laboratory with Green Energy Demonstrator (rSOC)	Paul Sommer, FB	01:00
14:00	Fuel cell experiment (PEM)	Christian Seidl / Nora Kirchknopf, FB	00:30

Day 3: Online H2GreenFUTURE Interregional Congress

Starting time	Agenda item	Speaker	Duration
09:30	Opening & Welcome	Tomaž Čebela, NIC	00:10
09:40	Introducing HI2 Valley	Margherita Matzer, Hi2valley	00:15
09:55	NACHIP Hydrogen Value Chains: Opportunities for financing	Darja Rogelj, META Circularity	00:15
10:10	Introducing HyPA-Community	Dr. Frederik Schäfer, HyPA-Community	00:15
10:25	Break		00:15
10:40	Risk typologies in green hydrogen infrastructure: mapping multi-level risks across business models in early-stage investment cases	Petrisa Čanji Vouri, University of Ljubljana/School of Economics and Business	00:15
10:55	Project Hydroman	Maj Rudolf Vahtar, Žan Podvratnik, University of Ljubljana/Faculty of Mechanical Engineering/Laboratory for Heat and Power	00:15
11:10	Hydrogen in glass manufacturing - technical challenges and on-site green hydrogen production	Dr. Ana Varlec, Steklarna Hrastnik d.o.o.	00:15
11:25	Solutions for production technologies, advanced materials, solid oxide cells and systems	Dr. Kostja Makarovič, KEKO-Oprema d.o.o., Xtal d.o.o. and Cerasynth d.o.o.	00:15
11:40	Wrap-up Discussion	Tomaž Čebela, NIC	00:20