

HYACADEMY.EU

THE EUROPEAN HYDROGEN ACADEMY



Project ID	101137988
PRR 2024	Pillar 5 – Cross-cutting
Call topic	HORIZON-JTI-CLEANH2-2023-05-02: European Hydrogen Academy
Project total costs	EUR 2 987 233.75
Clean H ₂ JU max. contribution	EUR 2 987 233.75
Project period	1.1.2024–30.6.2028
Coordinator	Vysoká škola chemicko-technologická v Praze, Czechia
Beneficiaries	Bertz Associates Ltd, Deutscher Verein des Gas- und Wasserfaches – Technisch-wissenschaftlicher Verein EV, EUREC EESV, Fundación para el Desarrollo de las Nuevas Tecnologías del Hidrógeno en Aragón, Future. Solutions SÀRL, KIC InnoEnergy SE, Politecnico di Torino, Rijksuniversiteit Groningen, Technokrati Ltd, Trakiyski universitet, Università degli Studi di Modena e Reggio Emilia, Universitatea Politehnica din București, Université de technologie de Belfort-Montbéliard, Université libre de Bruxelles, University of Birmingham, University of Ulster

<http://www.hyacademy.eu>

PROJECT AND GENERAL OBJECTIVES

Hyacademy.EU will coordinate and support the delivery of hydrogen education and training across a network of over 600 educational institutions, providing education to over 5 000 individuals and tens of thousands of school children and young adults. It will establish a network of more than five joint training laboratories for hydrogen technologies.

Hyacademy.EU will capitalise on the European Commission's and Member States' investments in education and training activities. The consortium brings together representatives from multiple projects, enabling previous outputs to be consolidated and exploited, maximising the academy's impact and reach.

To realise its objectives, by the project midterm, the European Hydrogen Academy aims to:

- build and sustain a network of over 100 universities (the 'Network100') offering recognised qualifications, specialisations and degrees in hydrogen technologies;
- build and sustain a network of over 500 schools integrating hydrogen topics into their science teaching, including technical schools and colleges offering more specific technical training;
- create a network of five hands-on, physical training laboratories;
- offer a portal to showcase and link the educational programmes available in the network and beyond in order to supply prospective trainees with accurate and detailed information on training and career opportunities, allowing

them to access documents focused on hydrogen topics at least 100 000 times;

- provide lecturers and teachers with free training materials in all EU languages to enable educational staff to deliver the vast body of educational measures necessary;
- develop and integrate novel (online) teaching methodologies into university, college and school curricula and train educational staff to successfully employ these;
- create and implement an organisational structure and a successful business case allowing for the post-funding continuation of the project activities establishing a European Hydrogen Academy spanning all levels and types of education and training.

Hyacademy.EU will considerably contribute to the EU goals of offering access to high-quality education, thus supporting the creation of a highly skilled workforce and more and better jobs in the European hydrogen industry. Through the school activities, it will foster public awareness and acceptance of hydrogen technologies.

PROGRESS AND MAIN ACHIEVEMENTS

- Universities, technical schools, training institutions and schools are currently being contacted for information.
- Network membership is being offered.
- Full website went live at the end of June 2024.
- First version of the database went online at the end of June 2024.

PROJECT TARGETS

Target source	Parameter	Unit	Target	Achieved to date by the project	Target achieved?	Year for reported SOA result
Project's own objectives	Network of schools (Network500)	schools participating in network	500	50		2023
	Network of universities (Network100)	universities participating in network	105	30		2023
	Pupils trained	pupils trained	5 000	N/A		N/A
	Social media followers	followers	3 500	N/A		2023
	Training laboratory network	laboratories in network	5	3		2023
	Access to project website	access requests	100 000	50		2023
	Platform users	registered users	5 000	N/A		2023