HYACADEMY.EU

THE EUROPEAN HYDROGEN ACADEMY

Project ID	101137988
PRR 2025	Pillar 5 - Cross-cutting
Call Topic	HORIZON-JTI-CLEANH$_2$-2023-05-02
Project Total Costs	2 987 233.75
Clean H$_2$ JU Max. Contribution	2 987 233.75
Project Period	01-01-2024 - 30-06-2028
Coordinator Beneficiary	VYSOKA SKOLA CHEMICKO-TECHNOLOGICKA V PRAZE, CZ
Beneficiaries	RIJKSUNIVERSITEIT GRONINGEN, Future.Solutions Sàrl, BERTZ ASSOCIATES LTD, TECHNOKRATI LTD, KIC INNOENERGY SE, FUNDACION PARA EL DESARROLLO DE LAS NUEVAS TECNOLOGIAS DEL HIDROGENO EN ARAGON, EUREC EESV, DVGW DEUTSCHER VEREIN DES GAS- UNDWASSERFACHES - TECHNISCH-WISSENSCHAFTLICHER VEREIN EV, UNIVERSITE DE TECHNOLOGIE DE BELFORT - MONTBELIARD, UNIVERSITA DEGLI STUDI DI MODENA E REGGIO EMILIA, UNIVERSITATEA POLITEHNICA DIN BUCURESTI, TRAKIYSKI UNIVERSITET,UNIVERSITY OF ULSTER, THE UNIVERSITY OF BIRMINGHAM, POLITECNICO DI TORINO, UNIVERSITE LIBRE DE BRUXELLES

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 also establish a network of more than five joint training laboratories for hydrogen technologies.

HyAcademy.EU will capitalise on the European Commission 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 'Network 100') 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 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, supporting the creation of a highly-skilled workforce and more and better jobs

PRR 2025 PILLAR
Cross-cutting

Clean Hydrogen Partnership

Co-funded by the European Union

in the European hydrogen industry. Through the school activities it will foster public awareness and acceptance of hydrogen technologies.

PROGRESS, MAIN ACHIEVEMENTS AND RESULTS

- Universities, technical schools, training institutions, and schools are currently being contacted for information.
- Around 80 programmes and activities have been recorded in the web-based database.
- Network membership is being offered.
- Tables of content and authors have been compiled and identified for a series of 12 textbooks on Fuel cell hydrogen technologies (FCHT).

FUTURE STEPS AND PLANS

- First textbooks to be completed by December 2025.
- Growing networks and establishing the business entity to continue work beyond June 2028.
- Building the databases.
- Building an industry network.
- Trialing the Net-Zero Hydrogen Academy pilot on the KIC Skills Institute site.

PROJECT TARGETS

Target source	Parameter	Unit	Target	Achieved to date by the project	Target achieved?
Project's own objectives	Schools network (Network500)	Number	500	100	
	Network of universities (Network100)		105	70	
	Pupils trained		5 000		
	Social media followers		3 500	120	
	Training lab network		5	6	
	Access to project web site		100 000	1 000	
	Platform users		5 000	50	

Clean Hydrogen Partnership
Co-funded by the European Union