

TFK programme, funded projects 2025

Project title: Hydrogen Education for Finland-India collaboration	
Coordinator Oulun Yliopisto Marko Huttula, marko.huttula@oulu.fi	The proposed project, H2FIND (Hydrogen Education for Finland-India collaboration) aims to establish a double-degree doctoral program and joint master's program between the UOULU, Finland, and AMITY, India, focusing on the physics and technologies of the green transition, with a particular emphasis on hydrogen energy systems. This initiative strengthens the EU–India partnership in higher education and research leadership education, directly addressing to the global need to train future experts and innovators for green and clean energy transition. The collaboration builds upon a growing academic relationship between the institutions, supported by a formal Memorandum of Understanding (2025), staff exchanges under the H2FUTURE UOULU profilation, and the shared ambitions to contribute to national (India, Finland) and international (EU, globe) hydrogen strategies. The program will center around joint curriculum development, integrating coursework and research activities that bridge theoretical knowledge with real-world application. Students will engage in mobility between Finland and India, working on joint research projects in hydrogen production, storage, energy policy, and sustainability. Faculty exchanges and shared education responsibilities will ensure cross-institutional coherence.
Partners Amity University	The project combines innovation-centered activities hosted at AMITY and a strong research component led by the UOULU. The goal is to build an internationally recognized education and innovation platform that trains future research leaders equipped to address geographical, economic, and technical challenges in energy transitions. The initiative will launch joint master's and double-degree doctoral training programs with co-supervised theses, joint publications, aimed towards long-term partnerships with industry. The initiative will embed principles of equality, sustainability and academic freedom while preparing graduates to become leaders in the green transition with a strong intercultural and international perspective. This structured and sustainable education platform will remain embedded in the partner institutions' long-term strategies, enhancing their roles as global contributors to energy education and hydrogen innovation beyond the project's funding period.



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