



# Hydrogen Europe: European Hydrogen & Fuel cell Project Database

## Project TeachHy

### Teaching Fuel Cell and Hydrogen Science and Engineering Across Europe within Horizon 2020

As the FCHT industry gradually emerges into the markets, the need for trained staff becomes more pressing. TeachHy2020 specifically addresses the supply of undergraduate and graduate education (BEng/BSc, MEng/MSc, PhD etc.) in fuel cell and hydrogen technologies (FCHT) across Europe. TeachHy 2020 will take a lead in building a repository of university grade educational material, and design and run an MSc course in FCHT, accessible to students from all parts of Europe. To achieve this, the project has assembled a core group of highly experienced institutions working with a network of associate partners (universities, vocational training bodies, industry, and networks). TeachHy2020 offers these partners access to its educational material and the use of the MSc course modules available on the TeachHy2020 site. Any university being able to offer 20% of the course content locally, can draw on the other 80% to be supplied by the project. This will allow any institution to participate in this European initiative with a minimised local investment. TeachHy2020 will be offering solutions to accreditation and quality control of courses, and support student and industry staff mobility by giving access to placements. Schemes of Continuous Professional Development (CPD) will be integrated into the project activities. We expect a considerable leverage effect which will specifically enable countries with a notable lack of expertise, not only in Eastern Europe, to quickly be able to form a national body of experts. TeachHy will offer educational material for the general public (e.g. MOOC's), build a business model to continue operations post-project, and as such act as a single-stop shop and representative for all matters of European university and vocational training in FCHT. The project partnership covers the prevalent languages and educational systems in Europe. The associated network has over 20 partners, including two IPHE countries, and a strong link to IPHE activities in education.

## Project Information

**Type of project :** Others

**Timing :** 01/11/2017 > 31/10/2020

**Project Budget :** 1.248.528 €

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## Funding

European Union through FCH JU: [Grant agreement 779730 - CORDIS link](#)

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## Project partners

**Coordinator :**[University of Birmingham](#)**Partners :**[DVGW - German Technical and Scientific Association for Gas and Water](#)[KIT - Karlsruher Institut für Technologie](#)[Politecnico di Torino](#)[Ulster University](#)[UCT Prague \(University of Chemistry and Technology, Prague\)](#)

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TECHNISCHE UNIVERSITEIT DELFT

UNIVERSITATEA POLITEHNICA DIN BUCURESTI

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**Sub project(s)****Sub project 1****Country:** United Kingdom**Address:** Edgbaston B15 2TT BIRMINGHAM**Sub project categories**

Others

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