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WP7 Network management and exchange

D7.10 - Project Gathering Year 5

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About TeachHy

As the FCHT industry gradually emerges into the markets, the need for trained staff becomes more pressing. TeachHy2020, or short TeachHy, specifically addresses the supply of undergraduate and graduate education (BEng/BSc, MEng/MSc, PhD etc.) in fuel cell and hydrogen technologies (FCHT) across Europe.

TeachHy2020 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). TeachHy offers these partners access to its educational material and the use of the MSc course modules available on the TeachHy site. Any university being able to offer 20 to 30% of the course content locally, can draw on the other 80 to 70% to be supplied by the project (and its successor entity that will support the platform post-project).

This will allow any institution to participate in this European initiative with a minimised local investment. TeachHy will be developing 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 some 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 70 partners, including two IPHE countries, and a strong link to IPHE activities in education.

Abstract

This deliverable D7.10 Project Gathering Year 5 covers the activities outlined in the Task 7.3 taken from the TeachHy Description of Work, as shown below.

Task 7.3 – Manage Annual Project Gatherings (M10, M22, M34, M46, M58) (UBHAM, ULB)

Once a year, all project partners will gather in the form of a (tribal) assembly to discuss the project progress, develop new ideas in producing project outcome, and discuss FCH teaching and progress in general. These gatherings are to mix professional content presentation and management with creativity, fun elements, and general motivation of everyone contributing to the project. Competitions could be held to help stimulate knowledge transfer across the community. These events could also be used to provide networking opportunities for TeachHy2020 students not only amongst themselves but also with the wider teaching community.

1 Objective

Once a year, all TeachHy project partners gather in the form of an assembly (online, on-site, or hybrid) to discuss the project progress, develop new ideas in producing project outcomes, and discuss FCH teaching and training progress in general. These gatherings are to mix professional content presentations and management, with creativity, fun elements, and general motivation of everyone contributing to the TeachHy project.

This yearly gathering event intends also to help stimulate H₂-related knowledge transfer across the education community and society in general. This event is also used to provide networking opportunities for TeachHy partners, not only amongst themselves but also with the wider teaching, training and research community, as well as industry, in Europe and, preferably, in the presence of the FCH JU representative(s).

2 The Project Gathering Event Year 5

This 5th TeachHy Gathering Event was organised at the site of the University Foundation in Brussels by TeachHy partner ULB on the 26th of October 2022 a.m. during the European Hydrogen Week. The programme and agenda of the day are given in Appendix 1 and the list of participants is attached as Appendix 2.

A rather small number of people (15 in total – see Appendix 2) attended this half day event, with all TeachHy partners present but without the scientific officer of the JU FCH who finally could not be present.

The beginning of the meeting was devoted to the presentation of the different work packages and the progress of the TeachHy project itself and an explanation of a typical lab session offered by the TeachHy material and prepared by Professor Santarelli's team at Polito (Italy).

Two other types or solutions of online master classes centered on energy matters and energy transition were also presented, after a look to the international attractivity of TeachHy. These were presented by ULB and EUREC.

After that, the meeting was devoted to an interaction between the coordinator, the consortium partners and the audience on the way to proceed, the remaining questions and the life of the course material after the end of the project.

All presentations of the Gathering Event Year 5 are available on the TeachHy website.

3 Conclusions

Through this short half day event, the TeachHy partners had the opportunity to present their project to the hydrogen and fuel cell community in Europe, including industry and interested industrial customers for the already prepared learning material, and to show the progress of the TeachHy project five years after the start of the project and, in fact, at the end of the project journey.

Half of the participants were not partner of the project consortium, so the opportunity has really been offered and taken to connect the TeachHy partners to plenty of other actors in the field, with among them master and PhD students.

In this difficult post-pandemic and energy crisis situation, one can consider this 5th Gathering Event as a success from the point of view of the organisers and of the TeachHy project consortium. It also helped and will continue to help in creating a good and active network with other actors in the field (as in this case KTH, EUREC, the Bulgarian Academy of Sciences and the Long Life Learning department of ULB and VUB) and potential users of the TeachHy learning material. From that point of view, the availability of the meeting presentations on the project website can be considered as a useful point.

With the first two Gathering Events on site in Brussels, the 3rd and 4th Gathering Events online and this 5th and final Gathering Event again face-to-face on site, one has now certainly learnt how to organise this type of event and make this useful for the H₂ research and H₂ users community.



Appendix 1 – Agenda of the 5th Gathering Event in Brussels

JU FCH TeachHy project

5th Gathering Event

26 October 2022

ULB – On site meeting at University Foundation in Brussels

Programme of the day

From 8:30 CET with tea & coffee

09:00 Start of the meeting and Welcome words (P. Hendrick)

09:05 Introduction and Status of TeachHy (R. Steinberger)

09:45 Explore (Hydrogen) Energy Digital Academy (J-L. Delplancke)

10:00 Industry needs in HFC training (Toyota & Hyundai – P. Hendrick)

10:30 EUREC and their education activities on Renewable Energy (EUREC – N. Richet)

10:45 Brainstorming / Q&A

11:15 Adjournment of the meeting

11:30 Tea/coffee/soft drinks & Sandwiches

Registrations (free-of-charge): send an e-mail to patrick.hendrick@ulb.be

Address of the day (all details are on the website)

Club of the University Foundation (Fondation Universitaire)

Egmontstreet 11

1000 Brussels

www.universityfoundation.be

Appendix 2 – List of participants

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