



Call 2016: Cross-cutting



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The projects called for in 2016 will cover the following activities...



- Education and training
- Support market introduction

...through the following specific topics.

Topic	Type of Action	Ind. Budget M EUR
FCH-04-1-2016: Novel education and training tools	Coordination & Support Action (CSA)	2,5
FCH-04-2-2016: Identification of legal-administrative barriers for the installation and operation of key FCH technologies		

Cross-cutting Activity Area

Topic 4-1: Novel Education and Training Tools

Challenge

- The **presentation of the FCH technology and its fundamental processes through modern information technology concepts**, serviceable for higher education, industry or by self study.

Scope

- Development of **new digital based methods** to educate on FCH technologies and fundamental processes behind.
- The **e-learning concept: web-based platform**, open access software, **free access** and **shall link others existing e-learning platforms**, databases and digital education material.
- In addition, user interfaces shall be envisaged to **expand the e-learning platform also to e-science**.
- **International collaboration** with similar activities shall be an advantage.

Impact

- Development of **new digital based methods and concepts** to educate and train engineers and technicians.
- Inclusion of **figurative language and representation** to support and explain physical and mathematical principles.
- Inclusion of **digital opportunities to transpose self-study** on FCH technologies **and virtual practicing measures**.
- **Interconnections** with already existing e-learning platforms and digital training materials.
- Provision of **freely accessible e-learning platform** implementing education and training methods developed.

Indicative Funding; No. of projects; Expected duration

- EU contribution of 1.5 MEuro; 1 project; 3 years

Challenge

- Promoters of project and activities using **FCH technologies require substantial time and effort on overcoming legal-administrative barriers.**
- **Compliance is complex and time consuming** and the information on the **applicable procedures are difficult to identify** for installing, operating and using FCH systems locally, nationally and internationally.

Scope

- Provide a **comprehensive set of applicable requirements and procedures** for FCH technology installation and operation, making the information readily **accessible and available for all the stakeholders involved.**
- Reduce the time and costs for compliance by preparing **recommendations aiming at simplification of the requirements and procedures** for facilitating compliance.

Impact

- An **online and publicly available database of legal and administrative processes** in main EU countries (at least 12), enabling the comparison of the different administrative frameworks and their implication in terms of costs and time.
- **Policy papers by country describing the administrative barriers** and their effect in time and cost, but also **addressing recommendations to remove or reduce these barriers.**
- Constitution of a **network of national associations/ experts** to support maintenance and update of the database and the promotion of policy papers.

Indicative Funding; No. of projects; Expected duration

- EU contribution of 1 MEuro; 1 project; 2 years

Thank you for your attention!



Call webpage <http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/calls/h2020-jti-fch-2016-1.html>

FCH 2 JU official website:
www.fch.europa.eu



Hydrogen Europe
(formerly known as NEW-IG):
<http://hydrogeneurope.eu/>



New European Research Grouping
on FCH (N.ERGHY):
<http://www.nerghy.eu>

