

## NET-Tools

**Project ID:** 736648

**Funded under:**

H2020-EU.3.3.8.3. - Demonstrate on a large scale the feasibility of using hydrogen to support integration of renewable energy sources into the energy systems, including through its use as a competitive energy storage medium for electricity produced from renewable energy sources

### Novel Education and Training Tools based on digital applications related to Hydrogen and Fuel Cell Technology

From 2017-03-01 to 2020-02-29, ongoing project

#### Project details

<b>Total cost:</b> EUR 1 596 007,50	<b>Topic(s):</b> <a href="#">FCH-04-1-2016 - Novel education and training tools</a>
<b>EU contribution:</b> EUR 1 596 007,50	<b>Call for proposal:</b> H2020-JTI-FCH-2016-1 <a href="#">See other projects for this call</a>
<b>Coordinated in:</b> Germany	<b>Funding scheme:</b> FCH2-CSA - Coordination & support action

#### Objective

Education and training for the fuel cell and hydrogen (FCH) technology sector is critical for the current and future workforce as well as for the further implementation of a promising technology within Europa. The project NET-Tools will develop an e-infrastructure and provide digital tools and information service for educational issues and training within FCH technologies based on most recent IT tools. NET-Tools will constitute a technology platform, leveraging robust and effective open source/free learning management systems while offering a unique blend of novel digital tools encompassing the spheres of information, education and research. With its two main pillars e-Education, e-Laboratory, the project addresses various target groups and levels of education - from higher schools and universities (undergraduate and graduate students) to professionals and engineers from industry, offering both e-learning modules and on-line experimental techniques. The main goal is to develop new e-education methods and concepts, ICT-based services and tools for data- and computer-intensive research to enhance the knowledge, productivity and competitiveness of those interested or already directly involved in the massive implementation of H2 and FCH technologies in Europe. NET-Tools will be delivered combining the expertise of major experts and practitioners on FCH sector under the guidance of leading companies gathered in a board, while interacting with similar activities in US, Asia and South Africa. It has the capacity to pave the road to more efficient digital science combining latest technical achievements and an internet culture of openness and creativity, while pursuing the ambition to become the hydrogen counterpart of Coursera. The development of business concepts will guide NET-Tools as an e-infrastructure useable for FCH-Community into the future.

## Coordinator

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KARLSRUHER INSTITUT FUER TECHNOLOGIE  
KAISERSTRASSE 12  
76131 KARLSRUHE  
Germany

Germany

**EU contribution:** EUR 310  
331,25

**Activity type:** Higher or Secondary Education Establishments

[Contact the organisation](#)

## Participants

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PERSEE  
12 PL FONTAINE  
39130 PONT DE POITTE  
France

France

**EU contribution:** EUR 168 500

**Activity type:** Private for-profit entities (excluding Higher or Secondary Education Establishments)

[Contact the organisation](#)

"NATIONAL CENTER FOR SCIENTIFIC RESEARCH ""DEMOKRITOS""  
END OF PATRIARCHOU GRIGORIOU E AND 27 NEAPOLEOS STREET  
15341 AGIA PARASKEVI  
Greece

Greece

**EU contribution:** EUR 149 000

**Activity type:** Research Organisations

[Contact the organisation](#)

UNIVERSITY OF ULSTER  
CROMORE ROAD  
BT52 1SA COLERAINE  
United Kingdom

United Kingdom

**EU contribution:** EUR 305  
051,25

**Activity type:** Higher or Secondary Education Establishments

[Contact the organisation](#)

DANMARKS TEKNISKE UNIVERSITET  
ANKER ENGELUNDSVEJ 1 BYGNING 101 A  
2800 KGS LYNGBY  
Denmark

Denmark

**EU contribution:** EUR 244 500

**Activity type:** Higher or Secondary Education Establishments

[Contact the organisation](#)

INSTITUTE OF ELECTROCHEMISTRY AND ENERGY SYSTEMS  
ACAD G BONCHEV STREET BL 10  
1113 SOFIA  
Bulgaria

Bulgaria

**EU contribution:** EUR 169 500

**Activity type:** Research Organisations

[Contact the organisation](#)

UNIVERSITA DEGLI STUDI DI PERUGIA  
PIAZZA DELL' UNIVERSITA 1  
06123 PERUGIA  
Italy

Italy

**EU contribution:** EUR 178 625

**Activity type:** Higher or Secondary Education Establishments

[Contact the organisation](#)

ELEMENT ENERGY LIMITED  
SUITE 1, BISHOP BATEMAN COURT THOMPSON'S LANE  
CB5 8AQ CAMBRIDGE  
United Kingdom

United Kingdom

**EU contribution:** EUR 70 500

**Activity type:** Private for-profit entities (excluding Higher or Secondary Education Establishments)

[Contact the organisation](#)

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