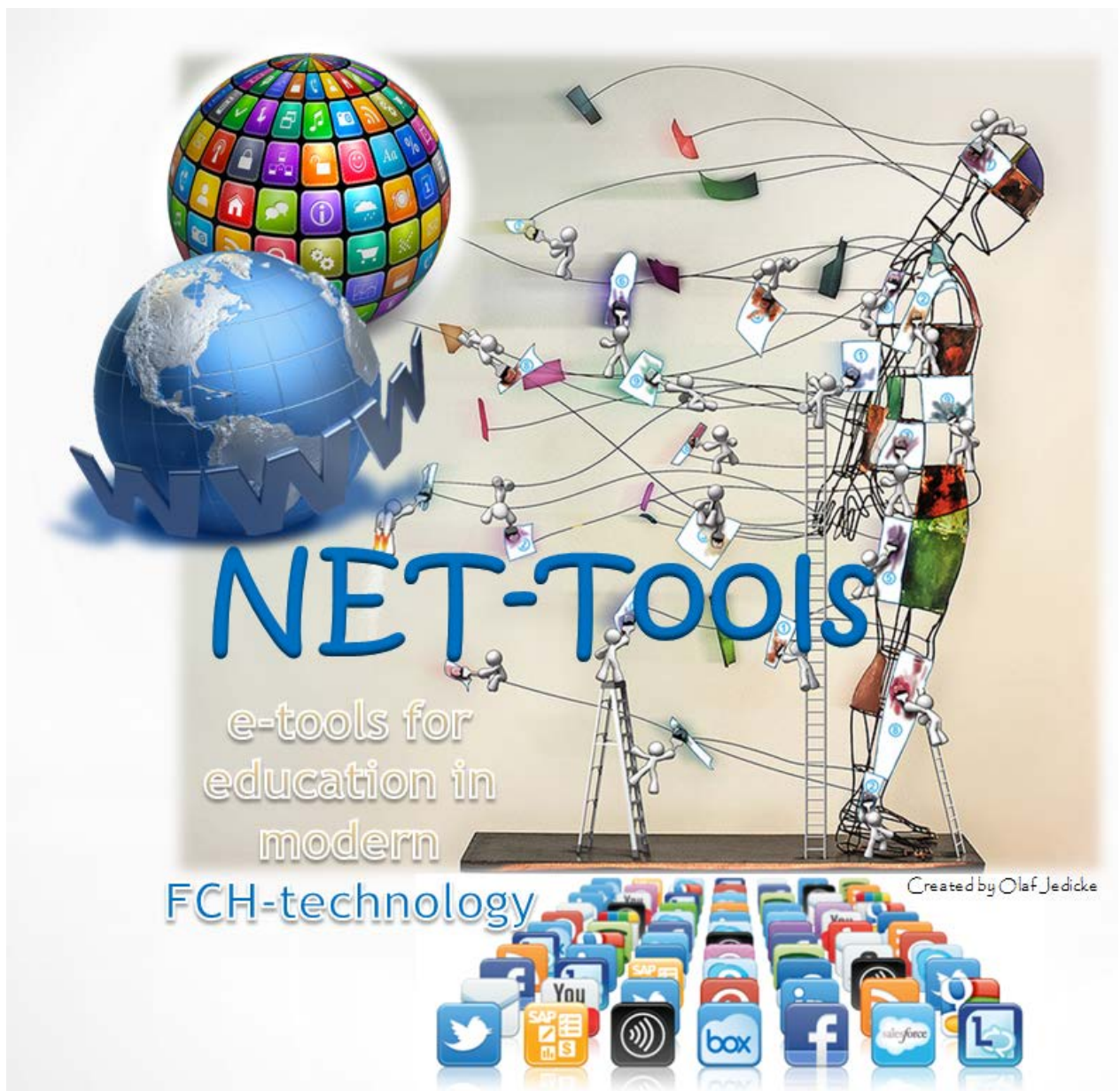


Novel Education and Training Tools based on digital applications related to hydrogen and fuel cell technologies

Deliverable 2.1



D2.1 Members of Supporting Teams (list of task members and responsibilities)

Due date of deliverable according DoA	30th May 2018
Completion date of deliverable	15th November 2018
Dissemination level (PU, CO)	Public
Nature (other or report)	Report
Version of deliverable	1.0
File name (share point version)	D2.1_Supporting Administrative System _ver.1.0.docx
Responsible partner for deliverable (acronym)	KIT
Contributing partners (acronyms)	All

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Framework Program HORIZON 2020



If deliverable does not get finished as scheduled in description of activity, please add a short explanatory statement. (To be done by responsible person of deliverable)

This deliverable changed due to the changes of technical structure of e-infrastructure which is now located at different parts.



Document History (authors and co-authors)

Issue Date	Version	Changes Made/Comments
01/06/2017	1.0	Olaf Jedicke (drafting)
15/11/2018	1.0	Olaf Jedicke (responsibilities and members)

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1 Introduction

The origin idea to set up “Members of Supporting Teams (list of task members and responsibilities)” based on the initial technical scope of project, to develop a single KIT sever based e-infrastructure containing e-laboratory as well as a specific LMS and database to provide e-Learning content and other interesting materials and information (e.g. databases) via the NET-Tools e-infrastructure to the FCH-community and other stakeholders.

Due to the change of technical strategy, not to develop anymore a single server based e-infrastructure at KIT but to compile different other external realisations in one platform, the scope of this deliverable changed. Because of different technical realisation also the responsibilities and supporting teams needs to get nominated and arranged in different way. To fulfil the set target of “supporting teams and responsibilities” it became decided to name the responsible teams for developing the content to the single realisations (e-laboratory and e-learning and e-infrastructure) and the responsible persons for providing and monitoring access and registrations to the platforms.

1.1 E-laboratory (e-science and e-engineering)

Direct Link to the e-laboratory

<https://elab-dev.iket.kit.edu/accounts/login/?next=#/>

<https://elab-prod.iket.kit.edu/>

eLaboratory

- FC integrated into CHP
 - Simulation of FC system integrated into mCHP application, including electrolyser operation
- Safety engineering
 - Jet parameters model
 - Adiabatic and isothermal model of blowdown of storage tank dynamics
 - Flame length correlation and three hazard distances for jet fires
 - Similarity law for concentration decay in hydrogen expanded and under-expanded jets and unignited jet hazard distances
 - Pressure peaking phenomenon for unignited releases
 - Passive ventilation in an enclosure with one vent: uniform hydrogen concentration
 - Forced ventilation system parameters
 - Blast wave from high-pressure tank rupture without and with combustion
 - Effect of buoyancy on decrease of hazard distance for unignited releases
 - Upper limit of hydrogen inventory in closed space
 - Calculation of fireball diameter for rupture in a fire of a stand-alone and an under-vehicle hydrogen storage tanks
- Property
 - The Abel-Noble EOS to calculate CGH₂ mass in a volume at particular pressure and density

Responsible person for the provided content and development

- Adrian Rosière (PersEE) and Volodymyr Shentsov (Ulster)

Administrative Rights to the e-laboratory

- Adrian Rosière or Laurence Grand Clement (PersEE)

Supporting Team (members who add suggestions to the development of e-tools)

[D 2.1_Members to the Supporting Team _vers.1.0.doc]



- Volodymyr Shentsov (head) (Ulster)
- Stella Giannisi (NCSR)
- Alexandros Venetsanos (NCSR)
- Giovanni Cinti (UNIPG)
- Peter Holtappels (DTU)
- Evelina Slavcheva (IEES)
- Olaf Jedicke (KIT)

1.2 E-learning

Direct links to the e-learning

<http://fch2edu.eu/index.php/elearning/>

<http://fch2edu.eu/>

FCH2 Edu

The European Educational platform for Fuel cells and Hydrogen

[Home](#) [How it works?](#) [News & Events](#) [e-Lab](#) [e-Learning](#) [Contact](#) [Overview](#)



COURSE SECTION

Responsible person for the provided content and development

- Laurence Grand Clement (PersEE)

Administrative rights to the e-platform registration and access)

- Laurence Grand Clement (PersEE)

Supporting Team (members who add suggestions to the development of e-tools)

[D 2.1_Members to the Supporting Team _vers.1.0.doc]



- Peter Holtappels (head) (DTU)
- Stella Giannisi (NCSR)
- Giovanni Cinti (UNIPG)
- Didier Blanchet (DTU)
- Evelina Slavcheva (IEES)
- Olaf Jedicke (KIT)
- Lisa Ruf (EE)

1.3 Project Website

Direct link to the project website

<https://www.h2fc-net.eu/>



Responsible person for the provided content and development

- Olaf Jedicke (KIT)

Administrative rights to the project website

- Olaf Jedicke (KIT)

Access to the member area

- Olaf Jedicke (KIT)

Supporting Team (WP leaders and all project partners)

- Olaf Jedicke (head) (KIT)
- Peter Holtappels (DTU)
- Stella Giannisi (NCSR)
- Alexandros Venetsanos (NCSR)
- Giovanni Cinti (UNIPG)

[D 2.1_Members to the Supporting Team _vers.1.0.doc]



- Didier Blanchet (DTU)
- Evelina Slavcheva (IEES)
- Lisa Ruf (EE)
- Laurence Grand Clement (PersEE)

1.4 Project Website

Direct link to the e-learning part under open EdX

<https://elearning.fch2edu.eu/>



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& HYDROGEN
TECHNOLOGIES**
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MOOC
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online

Technical University of Denmark
Making a MOOC course

Making a MOOC course

Starts: Aug 10, 2018

Administrative rights to the e-learning (opened)

- Laurence Grand Clement (PersEE)

Supporting Team (members who add suggestions to the development of e-tools)

- Didier Blanchet (head) (DTU)
- Stella Giannissi (NCSR)
- Giovanni Cinti (UNIPG)
- Peter Holtappels (DTU)
- Evelina Slavcheva (IEES)
- Olaf Jedicke (KIT)
- Lisa Ruf (EE)



1.5 Project SharePoint

Direct link to the project Dropbox share point

<https://www.dropbox.com/home/NET-Tools>

IJHE WHTC re...ing > NET-Tools Suchen

Name ↑	Typ ↓	Nutzer ↓	⋮ ↓
2nd Prog...ng Sofia	Ordner	23 Nutzer	⋮
Consorti...Meeting	Ordner	23 Nutzer	⋮
Contract...uments	Ordner	23 Nutzer	⋮
Database	Ordner	23 Nutzer	⋮
eLab	Ordner	23 Nutzer	⋮
eLearning	Ordner	23 Nutzer	⋮
Expert W...ENTINO ★	Ordner	23 Nutzer	⋮
Mid term review	Ordner	23 Nutzer	⋮
Official T...lestones	Ordner	23 Nutzer	⋮
Project D...verables	Ordner	23 Nutzer	⋮
Project M...lestones	Ordner	23 Nutzer	⋮

Ordner freigeben

Dateien hochladen

Ordner hochladen

Neuer Ordner

Neue Datei erstellen

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Administrative rights to the Dropbox

- Olaf Jedicke (KIT)