



Grant No. 700190

WP1 Project Management and Coordination

D1.4 Minutes of the First Project Meeting

Status: F

(D: Draft, FD: Final Draft, F: Final)

Dissemination level: PU

(PU: Public, CO: Confidential, only for members of the consortium (including the Commission Services))



This project has received funding from the Fuel Cells and Hydrogen 2 Joint Undertaking under grant agreement No 700190. This Joint Undertaking (JU) receives support from the European Union's Horizon 2020 research and innovation programme and Spain, Italy, Slovenia.

The contents of this document are provided "AS IS". It reflects only the authors' view and the JU is not responsible for any use that may be made of the information it contains.

Contents

Contents	3
Abbreviations	4
1. Attendance	5
2. Specifications of the meeting	6
3. Development of the meeting	7
3.1 Meeting opening	7
3.2 Presentation of WP1	7
3.3 Presentation of WP2	7
3.4 Presentation of WP3	7
3.5 Presentation of WP4	7
3.6 Presentation of WP5	7
3.7 Presentation of WP6	7
3.8 Presentation of WP7	8

Abbreviations

D	Deliverable
ENVI	Parco Scientifico e Tecnologico Per L'ambiente - Environment Park SPA
EoL	End of Life
FCH	Fuel Cell and Hydrogen
FHA	Foundation for the Development of New Hydrogen Technologies in Aragon
HyTechCycling	New technologies and strategies for fuel cells and hydrogen technologies in the phase of recycling and dismantling
IMDEA	Fundacion IMDEA Energia
LCA	Life Cycle Assessment
O	Operating
PEMFC	Proton Exchange Membrane Fuel Cell
PEMWE	Proton Exchange Membrane Water Electrolyser
PM	Progress Meeting
R	Recycling
SOFC	Solid Oxide Fuel Cell
UL	Univerza V Ljubljani
WP	Work Package

1. Attendance

The attendance list has been signed at the beginning of the meeting by all the participants.

2. Specifications of the meeting

The meeting has taken place at University of Ljubljana, located at Fakulteta za strojništvo, Aškerčeva 6, SI-1000, Ljubljana. The meeting was consisted in 1 session; along the morning of the 30th of May 2017. It was scheduled to start at 09:00 and it finally started at 09:00.

3. Development of the meeting

3.1 Meeting opening

The first Progress Meeting (PM) of the project was organized by the University of Ljubljana (UL) with the supervision of the Foundation for the Development of New Hydrogen Technologies in Aragon on the 30th of May 2017. FHA acted as chair of the meeting.

3.2 Presentation of WP1

The advances on WP1 were presented, covering the next points: project monitoring, periodic reports, payments, financial aspects, submission of the deliverable process, risks review, and next steps.

3.3 Presentation of WP2

IMDEA presented the objectives and deliverables of the WP. The main work has been focused on the tasks related to the objective of scanning of existing recycling technologies that are or have the potential to be applied to FCH technologies with low modifications. D2.2 report on existing EoL technologies is public and available on the website of the project.

UL talked about D2.1 Identification of critical materials and presented the results and classification of the materials involved in the four technologies of the analysis PEMFCs SOFCs, alkaline, and PEM electrolyzers. This deliverable will be the basis for task 4.2. Finally, both tasks 2.3 and 2.4 were respectively presented by ENVI and FHA.

3.4 Presentation of WP3

IMDEA started with the presentation of WP3. This WP has not started yet; however, some bibliography has already been reviewed. At this moment, five technics have been identified as the most important.

3.5 Presentation of WP4

UL introduced the advances in WP4. A discussion start regarding the definition of the Functional Unit (FU) and processes that should be covered: Manufacturing (Ma), Operating (O) and Recycling (R). Additionally, some discussion appeared about how the consortium can introduce the hydrogen production in the system in the O phase. Not all the technologies can be included, so some of them should be chosen.

3.6 Presentation of WP5

ENVI presented WP5. The tasks, objectives and deliverables where shown. The main action is to contact the stakeholders and the AB.

3.7 Presentation of WP6

FHA presented WP6. The milestones, deliverables and schedule were included in the presentation. A first draft of the index of the business model has been presented. As the work package will not start till month 24 no actions points were included in relation to this WP.

3.8 Presentation of WP7

FHA presented WP7. The website is running since October 2016 and some statistics results were shown. All partners were encouraged to echo the projects events, press releases, etc. with their company and personal social media accounts. The press kit, poster and leaflet were also shown in the presentation.