Deliverable Report

Technical update of Project Fact Sheet

(D7.4)

http://pretzel-electrolyzer.eu/

This project has received funding from the Fuel Cells and Hydrogen 2 Joint Undertaking under grant agreement No 779478. This Joint Undertaking receives support from the European Union's Horizon 2020 research and innovation programme and Hydrogen Europe and N.ERGHY

Version:	X	Date: 03.07.18	
Project Title:	Novel modular stack design for high pressure PEM water electrolyzer technology with wide operation range and reduced cost		
Acronym:	PRETZEL	Contract N°:	779478
Topic:	FCH-02-1-2017	Project Coordinator:	DLR, Germany
Document Classification:		**PRETZEL confidential**	
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Approved (Partner)		Date of first issue:	03.07.18
Distribution:	All PRETZEL Partners		

Contents

Abbreviations and Indices

Abbreviation	Explanation
FCH JU	The Fuel Cells and Hydrogen Joint Undertaking
IEA	International Energy Agency
IPHE	International Partnership for Hydrogen and Fuel Cells in the Economy

1 Summary

Open dissemination for stakeholders as scientific community and industry as well as policy makers and regulators and international organizations (FCH JU, IEA, IPHE) offer the project scope, research plan and results. The wide communication by means of updated website and periodical newsletter are a key point on the PRETZEL project. The present deliverable refers to the starting fact sheet.

2 Introduction

Deliverable 7.4 aims at presenting the updated PRETZEL Factsheet which, with the website http://pretzel-electrolyzer.eu/ and the PRETZEL logo constitute the brand identity in dissemination tasks, allowing for better visibility and recognition of the project.
The dissemination material aims to allow for public knowledge of the technologies involved in the electrolysis field. In particular, the target audience are:

- Industrial community (companies providing products, solutions and services)
- Scientific community
- Policy makers and public administrations
- Public

Here, a detailed presentation of this dissemination material is given which is already included.

3 Project fact sheet

The factsheet design is based on the colours of the project logo and uses a language that allows a wide audience to understand the project concept, its goals, expected results and partners. The information held in the factsheet will be updated regularly with an overview of the website including the website link in case the document is distributed otherwise (social media, printing, etc).

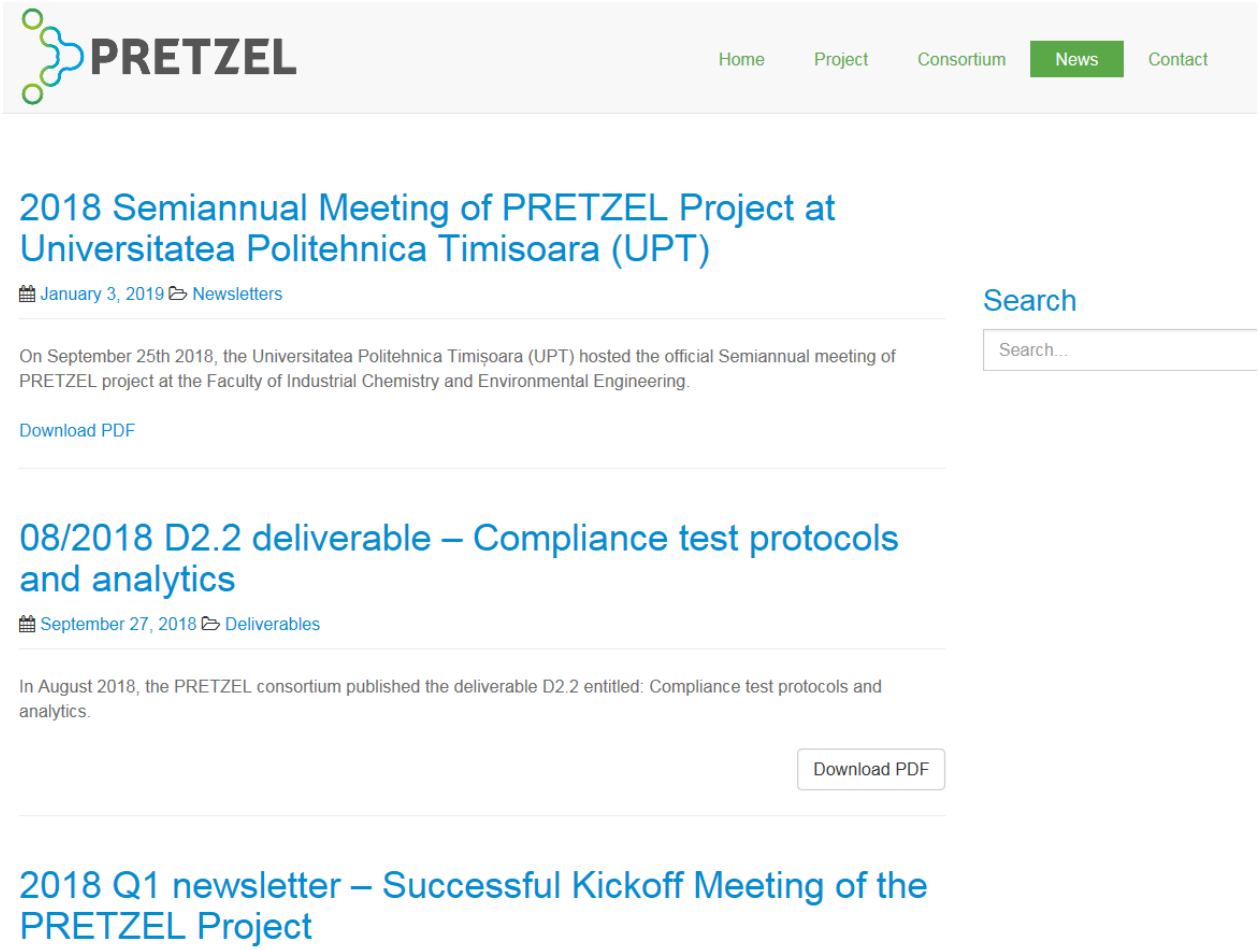

Figure 1. Screenshot taken from PRETZEL website showing where to download the latest project news

Simultaneously, the newsletter can be downloaded from the website to get access to a summary of the overall content of the project. In addition, the PDF document could be loaded to different social media and information channels (Linkedin, Twitter, Google+) to promote and disseminate relevant information about the project.

Figure 2 and figure 3 shows the updated version of the PRETZEL factsheet:


Introduction
An innovative polymer electrolyte membrane electrolyzer (PEMEL) that provides significant improvements in efficiency and operability to satisfy emerging market requirements, is urgently needed for the increased demands of the grid balancing services.
In this context, PRETZEL is offering breakthrough technologies for becoming game changer in the field of water electrolyzers. First tasks on cell development and pressure housing have been accomplished and components specifications and optimization were discussed as a critical point of the project.
An important objective of PRETZEL project is to test and integrate the hydraulic compression technology, already tested in the laboratory scale, under real working conditions which is necessary for commercialization.
Coordinated by:
German Aerospace Center
Deutsches Zentrum für Luft- und Raumfahrt e.V. (DLR)
Budget: 1,999,088.75 €
Project duration: 01/01/2018-31/12/2020
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PRETZEL project's progresses, publications and events can be followed on our social media profiles
Twitter: PElectrolyzer
LinkedIn: PRETZEL-Electrolyzer PEMEL
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PRETZEL
Novel modular stack design for high PREssure PEM water elecTrolyZer tEchnoLogy with wide operation range and reduced cost
PRETZEL
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Figure 2.

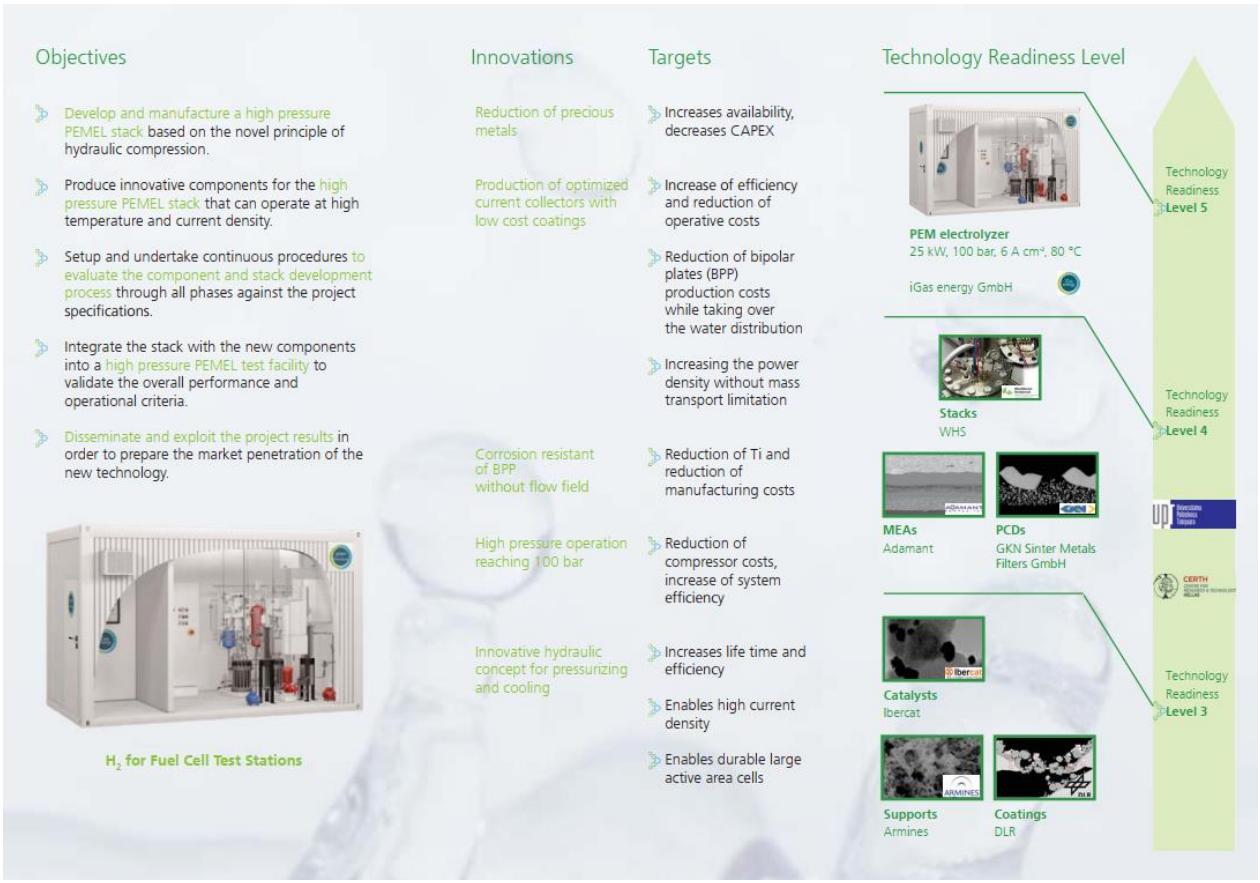

Figure 3.

4 Conclusions

The project fact sheet will be available under a newsletter format for all partners and website visitors to be used for dissemination purposes. The newsletter is a summary of the project current advances, described in a greater extent at http://pretzel-electrolyzer.eu/ website. In addition, the document offers a potent tool to promote and disseminate an overview of the relevant information for PRETZEL project.