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Anion Exchange Membrane Electrolysis for Renewable Hydrogen Production on a Wide-Scale

ANIONE – Deliverable Report

D7.2 – Project Website & Database for Dissemination







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Author(s)	Roos Leupen (UNR)	17-03-2020
	Eva Bøgelund (UNR)	
Checked by	Anne Molinari (UNR)	19-03-2020
Reviewed by (if	Consortium partners	
applicable)		
Approved by	Antonino Aricò (CNR-ITAE) - Project Coordinator	19-03-2020
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Publishable summary

Deliverable D7.2 concerns the public website and the dissemination database for the ANIONE project. The document includes a detailed overview of the different kind of contents available on the project website as well as an explanation of how the dissemination database is set up and used. The purpose of the dissemination database is to identify stakeholders and interest groups and to record all dissemination activities related to the ANIONE project including scientific publications. Furthermore, the dissemination database will include a complete list where contact details from parties interested in the ANIONE project activities (stakeholders, end-users, interest groups, industries, and suppliers) will be collected. Both the website content and the dissemination database will be updated and extended throughout the duration of the project.

The ANIONE public website was launched in March 2020 under the domain <u>www.anione.eu</u>.



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1 Introduction

This document concerns the creation of the ANIONE project website and dissemination database. The project website and dissemination database were developed by the WP leader, Uniresearch (UNR), with contributions from all project partners.

Deliverable D7.2 – Project Website & Database for Dissemination, is the second deliverable of Work Package 7 – Dissemination, Communication and Exploitation. The main objectives of this WP is to ensure that the ANIONE project activities and results are promoted to relevant target groups (stakeholders, end-users, interest groups, industries, and suppliers) and to raise awareness of ongoing research and developments in the field of hydrogen technology. The tasks related to WP7 are outlines in D7.1 and will not be further discussed in this document.

2 ANIONE Website

2.1 Public website

2.1.1 ANIONE Public website – Main Construction

The public website has been designed to act as a contact point for third parties and the general public who are interested in the progress and/or outcomes of the ANIONE project. It has a navigation menu structure which provides pages with different content. The homepage presents the fundamentals of the project; a brief summary of the project, the partners involved including their logo and links to the websites of each consortium partner, a results button, and updates from the news and events pages.

The main objective of the website is to inform interested stakeholders, as well as the general public, of ongoing and finalised activities through newsletters, publications and flyers. All information is displayed on the ANIONE website, which is updated and maintained on a regular basis.





As can be seen on the homepage (Figure 2-1 and Figure 2-2), the website has an attractive format which is supported by icons and images that have a relation to the project. The purpose of this aspect is to enhance the dynamic effect and give the website a modern and appealing look and feel. The images will be implemented in the website during the project execution, as soon as relevant project results are produced and made available for dissemination.





Figure 2-2 – ANIONE website: Results and news updates

2.1.2 ANIONE Public website – Navigation menu system

On the ANIONE homepage the navigation menu can be found. From the menu it is possible to select the following topics: the concept of the project, the results; planned and achieved, results through time and publications, news & events, and finally the partner descriptions. The navigation menu is supported by a considerable number of hyperlinks which will lead the visitor to the right pages.

2.1.3 ANIONE Public website – Project information

The section 'Project' contains the subsection 'Concept' (Figure 2-3). Here the overall concept of the ANIONE project is explained. This gives the visitor an overview of the project, which also can be shared online (Facebook, LinkedIn, twitter, email) with the tools found on the left side of the page.

Results * News & Denns * Partners
Exact Description is research and innovation project junder the Fuel Cills and Hydrogen 2 joint Understating that will develop high performance, con- flective and source action exchange membrane (AGM) user electrosits technology. The AGOM technology combines the advantages of periods exchange membrane and lugid electrosity aduates technologies and ansis to will all all advantages of periods exchange with the source action and membrane advantages and ansis to will all advantages will contribute to decrease the counce of these periods. Experiod Technology Sector AGOM technologies and and source and periods and novel stude designs will contribute to decrease the counce of these periods. Experiod Technology Sector AGOM technologies and ansis to will advantage membrane and technologies will contribute to decrease the counce of these periods. Experiod Technology Sector AGOM technologies and ansis to will advantage memory and personal technologies and and technologies and and technologies and and technologies will contribute to decrease the counce of these periods and the source appendications of the pracent hydrogen from a variety of presented terrospin sources. The Modi- tegrate production of hydrogen will all be the source appendications of the pracent hydrogen from a variety of a variety and the source and terrospin and reading sector. While is developments, the ANDONE project aims to contribute to the readings addressing the advancement of a variety and the source and terrospin an
Durasties: 57 months Under C 2M URG et 2M URG

Figure 2-3 – ANIONE website: Project concept

2.1.4 ANIONE Public website – Results

The 'Results' section consists of three subsections; Achieved & Planned, Results through time, and Publications. In the subsection 'Achieved & Planned' visitors can find every deliverable related to the project. This page is shown in Figure 2-4. When a deliverable has been submitted, it will be possible to download it from the website (by simply clicking on the deliverable title). If a deliverable is public, it will be



possible to read the full deliverable. If a deliverable is confidential, a public summary will be available. This summary will provide a global overview of the deliverable.

Planned & Achieved Planned & Achieved Quite some results of the ANIONE project with a some point.
These reports are planned for the complete project period of three years. In the below overwey our will find the planned reports divided over the different topics. When a report is finished and available you will be linked to the document by cikling the title in below overview. Please note that when a report contains confidential information, only the public summary will be published.
1. Project management and coordination
Project management plan including shared workspace implemented and operational Publishable summary Annual data reporting (Year 1) Annual data reporting (Year 2) Annual data reporting (Year 2)
2. Specifications, harmonisation, life-cycle and cost analyses
1. Harmonised test protocols for assessing AEM electrolysis components, cells and stacks in a wide range of operating temperature and pressure 2. Techno-economic assessment and Life cycle analysis of the AEM electrolyser
3. Innovative anion exchange ionomers, reinforcements and membranes
 Supply of 1st generation ionomer dispersions, reinforcements and additives for manufacturing AEM electrolysis membranes

Figure 2-4 – ANIONE website: Results – Planned & Achieved

In the section 'Results through time' visitors can find updates on the ANIONE project linked to a visual timeline (Figure 2-5). News and events will be updated throughout the project and will be updated in the timeline as well. This will keep the visitors of the website up to date on the achievements that have been reach throughout the project. The publication subsection will be used to keep the visitors up to date about the publications and papers that have been written during this project by partners.

 ANIC	ONE	Project • Incom	News	i & Events ▼ 1	KEEP UPDATED	Search	Q	
Results th The results achieved in Newsletter. Click here to view repo	n the ANIONE project	are listed by month on th	he timeline be	iow. If you would li	ke to stay updated	please subscribe to the ANION	IE	
		ck-Off Meeting / ANONE was on 22 January d International Relations.	2020.		On 1 January 2026 ANIONE project al efficient and suste into hydrogen by water electrolysis renewable energy	project start 1 January 200 the AND/R project started. The ms at developing a solution of m made lottage of menulle energy advanced ation exchange membras downed because sources such as wind and solar po . The intermittent nature of these	ne Wer	
Project info	р	roject results		Coordination		Management		

Figure 2-5 – ANIONE website: Results through time

2.1.5 ANIONE Public website – News & Events

The News & Events section will be updated regularly throughout the project. This is a dynamic character of the website and encourages the visitors to return to the website regularly. Figure 2-6 shows the News & Events overview page.



AN	IONE Project - Results -	KEEP UPDAT	to SearchQ	
2020 On 1 January	riject start 1 January 2020 the Adolfod project MONE project anne s	Nors		
Project info Project Disclamer / Co Co N	Planned & Achieved sylight Results through time	Coordination Dr Antonino Aricò CNEGTAE	Management Dr. Exe Begeland Dr. Anna Mellinari Mr. Root Leigen Hustenarch 10 Searth.	
Events ANIONE K The Black	Ick.off Meeting Rekoff Meeting Rekoff Meeting Rekoff Meeting Rekoff School	Paters		
Project info Project Disclarer / Ca	Planned & Achieved	Coordination Dr Antonino Arkó CNR-TAE	Management Dr. Kris Bagelund Dr. Anns Mollawi Ms. Roos Lougen Umresauch	

Figure 2-6 – ANIONE website: News & Events

Every post on the 'News & Events' page will have simple share buttons in the format of a bar on the left side of the page. If visitors would like to share a post via social media (Facebook, LinkedIn, twitter), this will be the way to do so. It is also possible to send the post via email or print it.

2.1.6 ANIONE Public website – Partners

In the section 'Partners' a short description is presented of all project beneficiaries, and – from there – visitors can connect directly to each partner's official website. When going to the section 'Partners' visitors will find an overview of each partner and a map which shows where each partner is located. The partners can be grouped into different categories for better identification. The different groups are: Industry, Research, and Service. By clicking on the logo of one of the partners, visitors will be redirected to that partner's page. The partner overview is shown in Figure 2-7.

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	(Riseal) Indiany Engen	h Santos			
	ATA =	POCELITEM	PV3 TEC-HOLONIES	IRD	HYDROGENICS
	UNITED STOCK				
	Project info Projec Diata ner / Copyriph Mails M	Project results Playing & Acress Results through the Fulfication	Coordination Dr Antonine Arice CNR TA:	Dr. Eve Dr. Am	gement Begeland ta Molinari ss Leupen arch

Figure 2-7 – ANIONE website: Partner overview



CNR-ITAE	CNRS
<text><text><image/></text></text>	The Moreover, the spectrum dense and Theorem (Produced Area Moreover, Theorem (Produced Area Moreo
POS - CellTech	Territoria Seria. 21 Hydrogenics
Sector with the thermal hermal her	<text><text><image/></text></text>

Figure 2-8 – ANIONE website: Partners descriptions

When visiting a partner page, a short description of the partner's main tasks in the ANIONE project and a quote related to the project vision will be presented. Additionally, an option to visit the partner's website is added. Examples of partner description pages are shown in Figure 2-8.

2.1.7 ANIONE Public website – Keep updated

When clicking on the button 'Keep updated' visitors will be directed to the page where they can subscribe to the ANIONE project newsletter (Figure 2-9). Interested visitors can register by providing their email address, first name and last name. The contact information will only be used for the ANIONE newsletter, which will communicate project-related information. The contact details will be automatically saved and inserted in the project dissemination database. The dissemination database is not a public document and the information will be protected.

	Project • Results • N	KEEP UPDATED	Search Q	
	Reproductive department of the second state of	o the ANIONE wsletter II be sent yearly to all that are se subscribe below if you would updated.		
Project info Project	Project results Planned & Achieved	Coordination Dr Antonino Aricò	Management Dr. Eva Begelund	

Figure 2-9 – ANIONE website: Newsletter signup



3 Dissemination Database

In addition to the project website, a dissemination database has been created for ANIONE. The structure of the dissemination database has been created by UNR. Contacts and information will be added to the dissemination database throughout the entire project lifetime. The source of the contacts for dissemination purposes are the partners (their clients, collaborators), possible linked projects, and the ANIONE website (via the 'subscribe' option).

In the database, the following information will be collected (whenever possible) for each contact:

- Full name
- Email address
- Name of organisation
- Focus and type of organisation (research, local authority, Energy Company, EU Commission, Legislation/standardization, etc.)
- Connection to the project
- Country and Postal Address

The dissemination database will be saved in the project restricted area (no public access to the data) and will be managed in compliance with the General Data Protection Regulation (GDPR). In addition to the contact database, the dissemination database also holds an overview of all dissemination activities related to the ANIONE project. These activities include scientific publications, presentations of results related to the project at conferences or workshops, as well as general information in the form of flyers or (digital) newsletters.

The dissemination of the project results and outputs is indispensable for optimizing the value of the project, firming the impact of ANIONE. To maximise this impact, a dissemination plan for the ANIONE project will be developed in accordance with the Consortium Agreement; a dedicated deliverable, D7.3, is planned at M18 regarding the dissemination plan. This deliverable also includes the ANIONE knowledge management protocol. Communication on the ANIONE project will be aimed at target audiences and groups, such as researchers and industries in the sector of electrolysis, legislative and regulatory authorities, standardization committees (e.g. ISO), and special interest groups linked to the project. These target groups will be further defined in D7.3.

4 Risk Register

At this stage no risks linked to D7.2 have been identified.

Risk No.	What is the risk	Probability of risk occurrence ¹	Effect of risk ¹	Solutions to overcome the risk
WP7	n/a			

¹⁾ Probability risk will occur: 1 = high, 2 = medium, 3 = Low



5 Acknowledgement

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#	Partner	Partner Full Name
1	CNR-ITAE	CONSIGLIO NAZIONALE DELLE RICERCHE
2	CNRS	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
2.1	UM	UNIVERSITE DE MONTPELLIER
3	POCELLTECH	POCELL TECH LTD
4	PV3	PV3 TECHNOLOGIES LTD
5	IRD	IRD FUEL CELLS A/S
6	HYDROGENICS	HYDROGENICS EUROPE NV
7	UNR	UNIRESEARCH BV

Project partners:



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