MEMBER

ADVANCED **MEMB**RANES AND MEMBRANE ASSISTED PROC**E**SSES FOR PRE- AND POST-COMBUSTION CO_2 CAPTU**R**E

H2020 GRANT AGREEMENT NUMBER: 760944

Start date of project: 01/01/2018 **Duration: 4 years**

WP08 - Dissemination and communication

D8.3
MEMBER dissemination activities/events M18

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v0.1	22-08-2019r	First Release	HYGEAR TECNALIA	R. Makkus J.L. Viviente
v1.1	29-08-2019	Approved (feedback from partners)	TECNALIA	J.L. Viviente

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Dissemination Level		
PU	Public	X
PP	Restricted to other programme participants (including the Commission Services)	
RE	Restricted to a group specified by the consortium (including the Commission Services)	
CO	Confidential, only for members of the consortium (including the Commission Services)	
CON	Confidential, only for members of the Consortium	

(*) for generating such code please refer to the Quality Management Plan, also to be included in the header of the following pages

(**) indicate the acronym of the partner that prepared the document

Content

1. EXECUTIVE SUMMARY

1.1. Description of the deliverable content and purpose

Among the task foreseen in the MEMBER project, dissemination and communication activities play a crucial role to spread the scientific knowledge and technological developments to the largest audience. This package of activities will increase visibility of both project and partners, and will guarantee its optimal acknowledgement and future exploitation, as they will address the main European forums and platforms on the project's topic.

The aim of this deliverable is to describe the different dissemination and communication activities carried out in the frame of the project MEMBER by Month 18. The dissemination and communication activities are based on the Dissemination and Communication Plan of the MEMBER project (see Deliverables D8.1 and D8.2). According to this plan the activities in the first and second year of the project are focus on:

- The implementation of the external and internal dissemination strategy and communication tools (i.e. public and private website, project communication material…).
- The internal and external disseminations with special focus on communicating with the external audience: i) internal dissemination between the WPs, ii) creating an effective network between all participants, iii) the update of the website. The public deliverable and presentation of internationals events as well as scientific workshops will be the other highlights of this stage. A key event in this stage will be the scientific workshop organized by TUE at M24.

1.3. Deviation from objectives

There was a delay in the drafting of the present deliverable due to the summer period.
There is not impact on the other activities of the project

2. Dissemination and communication tools

Actions have been undertaken to create awareness of the MEMBER project, its objectives and anticipated results. These actions have been carried on and will continue through the entire project duration. Main activities during the period are detailed in the next sections.

2.1. Project logo & public document templates

A project logo has been created as visual identity of the project.

In addition, templates for the general presentations of the project in poster and oral presentations have been drafted.

2.2. Websites

For safety reasons it was decided to keep the public website and the private platform separated. From the public website there is no link to the private platform.

2.2.1. Private

The MEMBER internal project platform is available since February 23rd, 2016. It is based on Alfresco (http://docs.alfresco.com/) The Alfresco is an open source Enterprise Content Management (ECM) system that manages all the content within an enterprise and provides the services and controls that manage this content. The software has been initially updated for managing all the internal activities of the consortium related to MEMBER (i.e.; directories and subfolders related to the different WPs, documents such as deliverables, Periodic Reports, agendas, minutes of the meeting and presentations, etc). Further, modification will be included on request from the partners or for improving the use of the platform. This software is already used in our previous projects.

After login into Alfresco, the user can navigate between projects it has the rights to access. Once inside the website of MEMBER one can directly see who the users are and what are the latest contents added to the system. The user can now communicate with the other users or navigate the content of the website and add/modify elements inside the website.

2.2.2. Public

A public web-site (https://member-co2.com) has been created during initial months of the project and it will be continuously updated with all the publishable information from the project partners. This web site is provided and managed by TECNALIA, and contains all public information about the project, organised in the following sections:

- Summary, which provides a short summary on the project including the general objective;
- Objectives, which provides more detailed information of the scientific and technical objectives together to an overview of the work package structure;
- Partnerships, which identifies the organizations involved in the project consortium;
- Workshops, which provides the information on the events organised by MEMBER

- Dissemination, with three subsections: Communication, Presentation and Publications; these parts will be continuously updated with any public documents generated at any time in the project;
- Events, which describes the list of events where the MEMBER project has been present somehow or that could be of interest for MEMBER partners; this will be also regularly updated;
- Contact, which provides access for contacting the coordinator.

The public website will be regularly updated with relevant news related to the activities of MEMBER and non-confidential documents.

2.3. Media campaign

In addition to the public website, different documents have been prepared for the dissemination of the project along the period: the non-confidential project presentation, the member poster, leaflet, video, newsletters, etc. The non-confidential presentation includes the objectives of the project and describes the partnership, overall approach and methodology and the expected results within MEMBER. At a later stage (throughout the project course) the presentation and/or poster will be advanced with project results that can be published without compromising or infringing confidentiality. The non-confidential presentation as well as the poster and leaflet can be used by all consortium members disseminating MEMBER at conferences, lectures etc. They can be downloaded from the public website at kink: https://member-co2.com/content/presentations.

2.3.1. Leaflet

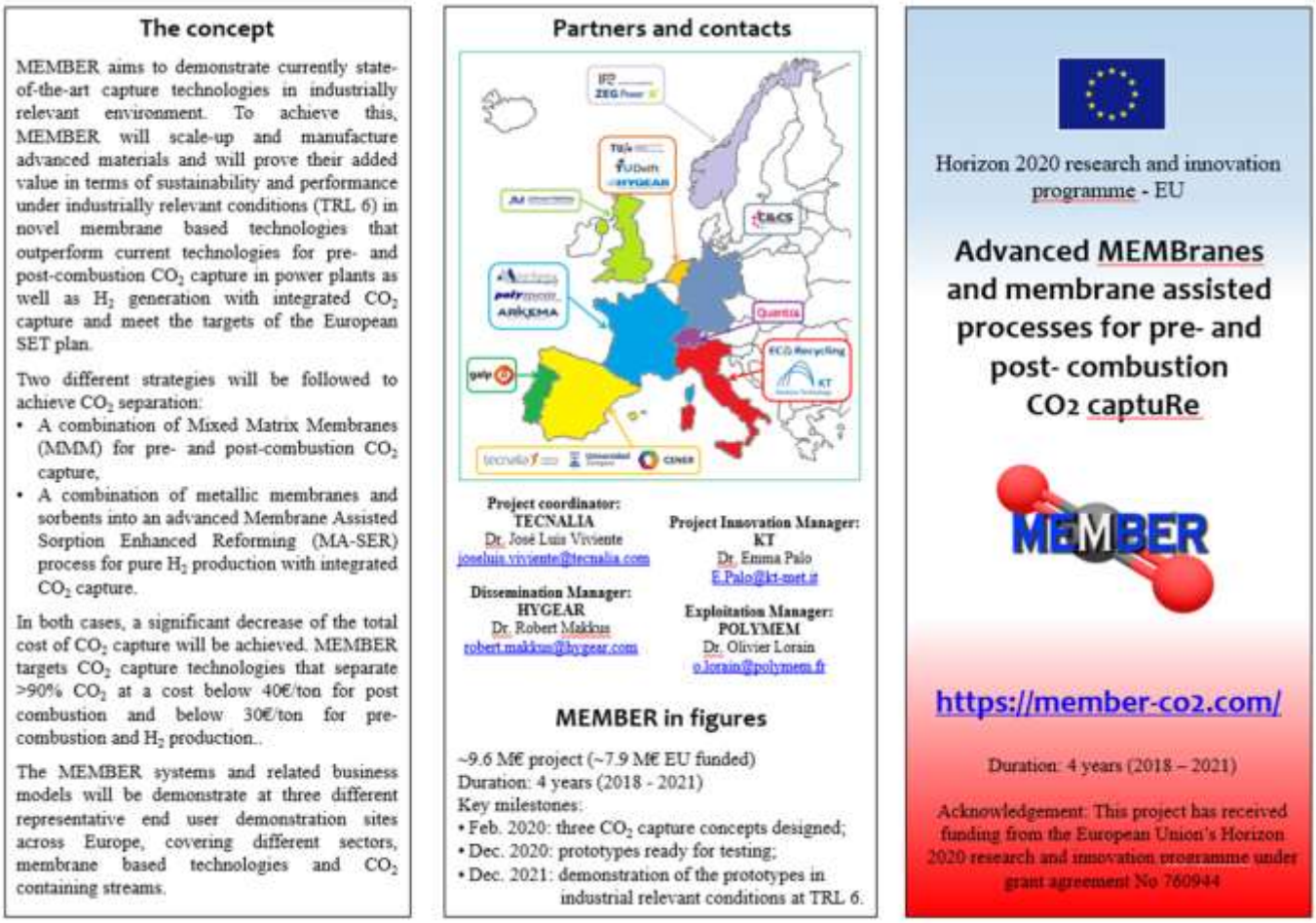

Figure 1. First leaflet.

2.3.2. Poster

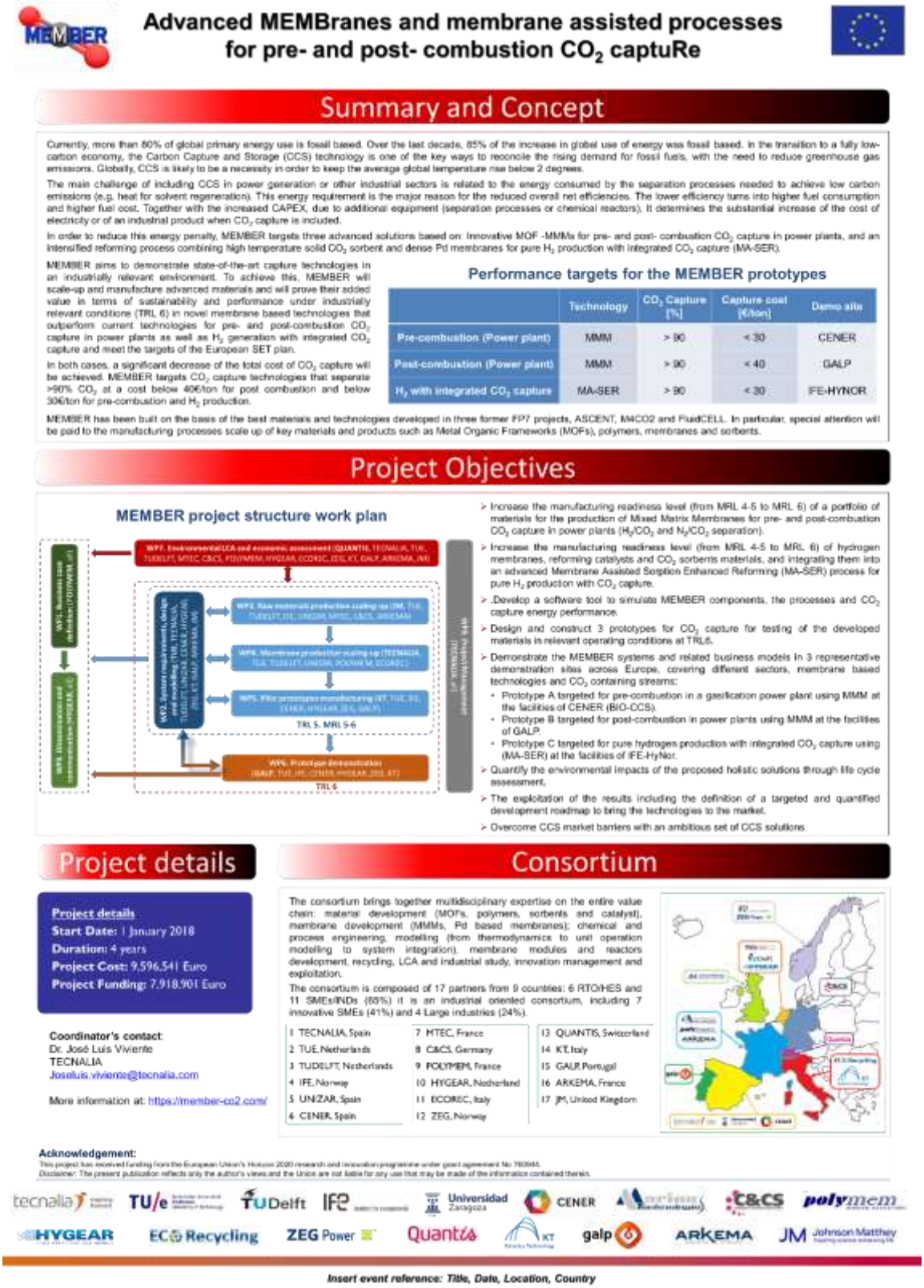

Figure 2. First public poster.

2.3.3. Project presentation

Figure 3. Public presentation.

2.3.4. Newsletters

Two newsletters have been released along the period. They can be downloaded from the public website: https://member-co2.com/content/communication.

2.3.5. Video

Two different videos have been made. One addressing the general public (duration: 4 min) and another one using more technical terms that could be used as educational video at the university (duration: 5 min). Minor review is still necessary. They will be uploaded in YouTube and they will be also accessible at the public website in September 2019.

2.3.6. Public reports

- Deliverable D2.2: Industrial requirements (https://member-co2.com/content/publications)
- Deliverable D8.3: MEMBER dissemination activities/events M18 (this document)

2.3.7. Dissemination of the project in press and/or social media

MEMBER project activities and public documents has been advertised at the website of some consortium members as well as in different LinkedIn networks: Gas separation membranes (375 members) and Membrane reactors (251 members). Two other LinkedIn groups: Membrane separation (1303 members) and Global Hydrogen Ambassadors Network (2848 members) will be included in the dissemination channels of MEMBER. In addition to this, a first mailing lists have been created including contacts of the partners as well as from related EC projects and main associations on the field. The contact lists will be further updated along the project life and it will also take into account the market / customer analysis.

3. Dissemination activities

List of the main dissemination activities (including participation to conferences or scientific papers publications) are detailed hereafter. We do not included the already detailed before but delivered in the MEMBER public web-site:

Type of activities	Main leader	Title	Date	Place	Type of audience	Estimated Number of persons reached	Countries addressed
Web-site	TECNALIA	MEMBER public web-site	2018	Own web-site	Scientific Community Industry General Public Policy makers Medias Investors Customers	1000	All
Web-site	KT	Description MEMBER plus link.	2018	KT website	Customers General public		All
Web-site	GALP	Description MEMBER	2018	GALP intranet	Internal		All
Web-site	C&CS	Short summary of MEMBER plus link	2018	C&CS webiste	Customers General public		All
Web-site	IFE	Description of the MEMBER project	2018	IFE intranet and web-site	Internal and customers		All
Presentation to different companies	IFE	SER technology status and associated development projects	2018-2019	IFE	Private companies		Norway
Social media	TECNALIA	Release MEMBER news and public documents	2018, 2019	LinkedIn group: Gas separation membranes	Scientific Community Industry General Public	375	All
Social media	TECNALIA	Release MEMBER news and public documents	2018, 2019	LinkedIn group: Membrane reactors	Scientific Community Industry General Public	251	All

Social media	TECNALIA	Release MEMBER news and public documents	2019	LinkedIn group: Membrane separation	Scientific Community Industry General Public	1303	All
Social media	TECNALIA	Release MEMBER news and public documents	2019	LikedIn group: Global Hydrogen Ambassadors Network	Scientific Community Industry General Public	2848	All
Social media	TECNALIA	Release MEMBER news and documents	2019	LinkedIn profile of the Membrane Technology and Process Intensification Platform at TECNALIA	Scientific Community Industry General Public	-	All
Other	IFE	Display of MEMBER and associated partners logos on an information board at the IFE-HyNor center	2019	IFE-HyNor Center	General public, visiting companies		Norway
Participation to a conference	TECNALIA	Poster: MEMBER project. Advanced MEMBranes and membrane assisted procEsses for pre- and post-combustion CO2 captuRe.	July 9-13, 2018	Euromembrane 2018. Valencia, Spain	Scientific Community	200	All
Participation to a conference	TECNALIA	Poster: MEMBER project. Advanced MEMBranes and membrane assisted procEsses for	November 14th – 15th, 2018	17th Aachener Membran Kolloquium. Aachen, Germany	Scientific Community	200	All

		pre- and post-combustion CO2 captuRe					
Exhibition	TUE	Hallway poster Chemical Engineering department to inform chemical engineering student about group projects	26-10-2018	Technical University Eindhoven	Scientific Community	50	All
Participation to a conference	TUE	Abstract on thermodyanamic comparison of MA-SER and membrane assisted chemical looping reforming process with outlook to economic evaluation	8-7-2019	Technical University Eindhoven	Scientific Community	200	All
Participation to a conference / poster abstract submission	TUE	Abstract on internal membrane modelling using vacuum or sweep flow operation	8-7-2019	Technical University Eindhoven	Scientific Community	200	All
Participation to a conference	TECNALIA	Abstract ADVANCED MEMBRANES AND MEMBRANE ASSISTED PROCESSES FOR PRE- AND POST-COMBUSTION CO2 CAPTURE	8-7-2019	Technical University Eindhoven	Scientific Community	200	All
Participation to a conference	UNIZAR	Post-combustion gas separation by Mixed Matrix Membranes	16-6-2019	Lulea University of Technology	Scientific Community	200	All

				International Zeolite Membrane Meeting 2019			
Participation to a conference	UNIZAR	Influence of the casting solution concentration on the morphology, thermal properties and CO2/N2 separation performance of Pebax® 1657membranes	May 2019	XXXVII Reunión Bienal de la Real Sociedad Española de Química San Sebastian (E)	Scientific Community	200	Spain
Participation to an event other than a conference or workshop	TUE	Presentation SYNGAS CLEANING SYSTEM DESIGN FROM BIOMASS GASIFICATION	29-3-2019	Internal TU/e	Scientific Community	50	Netherlands
Participation to a conference	JM (A. Deacon)	Abstract Developing efficient MOF scale-up routes for carbon capture applications	June 2019	ICCDU XVII Germany	Scientific Community	50	All
Participation to a conference	TECNALIA (O. David et al.)	Advanced membranes and membrane-assisted processes for pre- and post-combustion CO2 capture (MEMBER project)	26-30th May 2019	RSEQ meeting, San Sebastian	Scientific Community	50	Spain
Participation to a conference	TECNALIA (J.L Viviente)	Abstract and Presentation: Advanced MEMBranes	June 18-19th (2019)	10th Trondheim CCS conference	Scientific Community	200	All

		and membrane assisted procEsses for pre- and post-combustion CO_2 captuRe					
Participation to a conference	TECNALIA (J.L Viviente)	Presentation Advanced MEMBranes and membrane assisted procEsses for pre- and post-combustion CO_2 captuRe	July 8 – 11 2019	ICCMR-14 Eindhoven (NL)	Scientific Community	150	All
Participation to a conference	A.Deacon et al.	Poster: Developing efficient MOF scale-up routes for carbon capture applications	June 23-27, 2019	ICCDU XVII, Aachen Germany	Scientific Community	200	All
Participation to a conference	S. Pouw	Presentation: Thermodynamic comparison of MA-CLR and MA-SER process	July 8 – 11 2019	ICCMR-14 Eindhoven (NL)	Scientific Community	200	All
Web site	ECOREC	MEMBER summary and ECOREC activity within the project	2019	ECOREC web site	General Public, Customers		Italy

3.1. Scientific publications (This field is only for peer reviewed articles)

Type of scientific publication	Title of the scientific publication	DOI	ISSN or eSSN	Authors	Title of the journal or equivalent	Number, date	Publisher	Place of publication	Year of publication	Relevant pages	Public & private participation	Peer-review	Is/Will open access provided to this publication
Article in journal	Poly(ether-block-amide) copolymer membrane for CO2/N2 separation: The Influence of the casting solution concentration on its morphology, thermal properties and gas separation performance			Lidia Martínez-Izquierdo, Magdalena Malankowska, Javier Sánchez-Laínez, Carlos Téllez and Joaquín Coronas	Open Science Accepted, in press		RSQ		2019			*YES*	*Gold open access*