ConsenCUS

Deliverable 9.2 Communication and dissemination plan

ConsenCUS-CarbOn Neutral cluSters by Electricity-based iNnovations in Capture, Utilisation and Storage – Version 05, 12-10-2021

Date	Version	Status	Initials	Changes Marked
18-5-2021	03	Concept	CvS	na
13-6-2021	04	Concept	CvS	na
12-10-2021	05	Concept	CvS	blue

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Version Control Sheet

WP:	WP 9: Communication and dissemination
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Dissemination Level:

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

List of participants

No	Participant organization name	Country
1.	New Energy Coalition (NEC)	NL
2.	European Centre of Excellence for sustainable Water Technology (WETSUS	NL
3.	Coval Energy B.V. (COVAL)	NL
4.	University of Groningen (RUG)	NL
5.	Research Center for Carbon Solutions at Heriot-Watt University (HWU)	UK
6.	British Geological Survey (BGS)	UK
7.	Robert Gordon University (RGU)	UK
8.	Danish Technological University (DTU)	DK
9.	Energy Policy Group (EPG)	RO
10.	Center for Research and Technology Hellas (CERTH)	EL
11.	Oil and Gas Technology Center (OGTC)	UK
12.	Geological Survey of Denmark and Greenland (GEUS)	DK
13.	OMV Petrom (OMVPET)	RO
14.	Grecian Magnesite (GM)	EL
15.	Aalborg Portland (AALPOR)	DK
16.	Danish Gas Technology Centre (DGC)	DK
17.	University of Calgary* (UCAL)	CA
18.	Shanghai Jiao Tong University* (SJTU)	CN
19.	Zhejiang University* (ZJU)	CN
LoI	INEOS Chemicals	UK
LoI	Energinet	DK

'* (beneficiary not receiving EU funding)

'* No EU funding:

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"We are going to build a really innovative electrical CO_2 capture + conversion plant and move it around Europe to optimise it in the exhaust gases of cement, magnesite and oil refining factories to see the techno-economic impact in these industries. At the same time, we design a CO_2 network (connection of producers, users, transport and storage) around these locations and discuss with the local people how they can benefit from the activities."

1 Introduction

The EU has set a clear target to curb climate change. As a part of it, a climate neutral industry by 2050 is needed. For several crucial EU industries, this means that the CO_2 they emit needs to be captured, utilised and/or stored. ConsenCUS aims to provide an industrial roadmap to a net-zero carbon future through “Carbon neutral clusters by electricity-based innovations in Capture, Utilisation and Storage”. We will demonstrate this concept by integrating a demonstration unit at major cement, magnesia and oil refining installations.
The project presents technological innovations in the 3 main components of CCUS:

(1) carbon capture based on alkali absorption, coupled to a novel electrodialysis cell for regeneration (100 kg CO_2/h),
(2) conversion of CO_2 to formate and formic acid for current and emerging markets, and
(3) safe cyclic loading of CO_2 into salt formations and aquifers for storage.

The capture and conversion routes are unique in taking only electricity and water as consumables, while providing energy- and cost-efficiency beyond the current industrial standard. Life cycle analysis and techno-economic evaluations will address how the innovations can be exploited, optimising environmental benefits while providing sound business cases for the three sectors participating and beyond.

ConsenCUS also designs so-called CO_2 clusters and networks in NW and SE Europe, around our demonstration sites. Our partners are spread across the CO_2 value chain and will optimise such clusters based on an interconnected network of emitters fitted with (our) carbon capture and utilisation technology, other CO_2 end users and geological storage. Joint infrastructure and operation will drive cost down and encourage collaboration. Importantly, we will create narratives to promote CCUS at communities surrounding these cluster components, by clarifying the social and environmental impact to locals, raising awareness alongside investigating their critical needs.

In this document we elaborate on the different phases in project communication according to the model in figure 1.

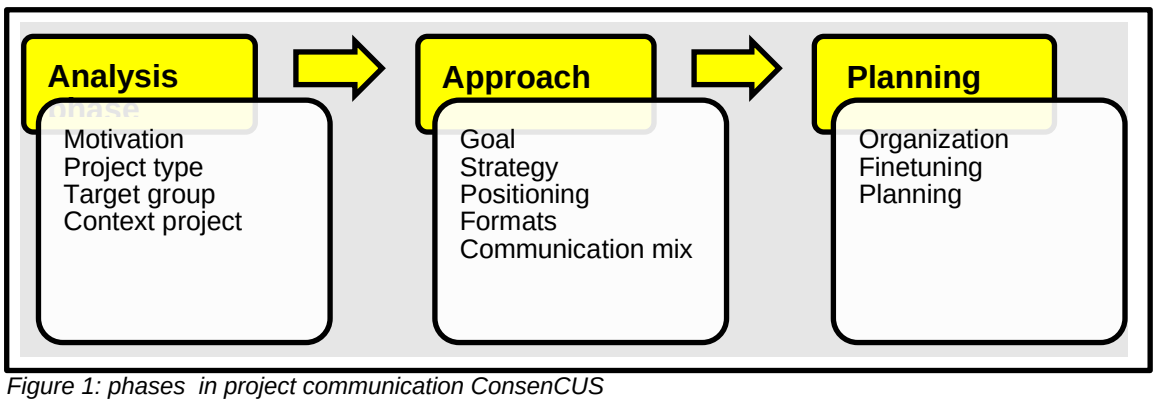


Figure 1: phases in project communication ConsenCUS

2 Analysis phase

As a first step for ConsenCUS project communication we will analyze the project and the changes it aims for. This phase has a number of coherent focus area's: goal/motivation, project type, target groups and project context.

2.1 Motivation

The European Commission strives towards net-zero greenhouse gas (GHG) emissions in 2050, with an intermediate target to reduce GHG emissions by at least 40% by 2030, compared to 1990 levels. While some sectors (particularly the power production sector), are making substantial steps towards net-zero emissions, this puts high pressure on energy-intensive and large emitting industries (such as oil and gas, steel, cement and waste processing), which are nevertheless of vital, strategic importance to the EU economy. Heavy industry is hard to make climate neutral for two main reasons:

i) it needs vast amounts of high temperature heat (think, e.g., of process furnaces and heat for distillation columns in the chemical industry), and

ii) specific industries, notably steel production and mineral production (i.e., cement, magnesia), have high amounts of *unavoidable* process emissions.

The ConsenCUS project aims to **directly address the problem of CO2 emissions of these important industrial sectors**, through development and demonstration of novel versatile carbon capture and conversion technologies. This will happen on-site, in major production plants of these

industries; i.e, Aalborg Portland in Denmark, Grecian Magnesite in Greece and OMV Petrom in Romania, with the cost of capture, overall energy efficiency, and environmental impact used as key performance indicators.

The ConsenCUS project will **develop *replicable* technological solutions** which will directly benefit crucial economy sectors (i.e., the industry sector) whose (total) emissions amount to almost half of the EU's CO2 emissions.

The ConsenCUS project will **design and analyse all technologies and CCUS clusters/networks using the net-zero-CO2 framework.**

The ConsenCUS project will add to the **flexibility of such a cluster/network by introducing seasonal buffering capacity** with the development of temporary CO2 storage in sub-surface salt formations and saline aquifers.

The ConsenCUS project will address the **development and implementation of successful and sustainable value chains and business cases for CCUS**.

The ConsenCUS project underwrites the fact that **societal acceptance is as important to the successful roll-out of CCUS as technological innovation** is. Safety, air quality, global warming concerns, locally created or diminished jobs, community awareness and societal participation all depend on regional geological, spatial and community properties.

2.2 Project type

ConsenCUS is a research and innovation project with different roles for multiple stakeholders within the consortium. In table 2.2 the overview of all the Work Packages (WP's), a short description, the WP leader and the participants per WP. See page 3 for an overview of all participants.

Work packages description and partner connection			
WP	**Desription**	**WP leader**	**Participants**
1.	**Project Management and Coordination**	1. NEC	1 t/m 19
2.	**CO_2 Capture** A.o. design, engineer and constraction of CO2 capture demonstration container	2. WETSUS	3, 5, 8, 10, 13, 14, 17, 18, 19
3.	**CO_2 Conversion** A.o. construction of mobile demonstration and testing facility	3. COVAL	2, 8
4.	**CO_2 Storage** Efficiency & safelty of temporary and permanent CO_2 storage for salt caverns and saline aquifers	12. GEUS	6, 10
5.	**Demonstrations** Demonstration of technologies (CO2 capture, regeneration and conversion) of 3 industrial sites: 1. AALPOR - cement plant, Denmark 2. OMVPET - oil refinery, Romania 3. GM - magnesia plant, Greece	8. DTU	2, 3, 10, 13, 14, 15
6.	**Technoeconomics, busness case and implementation planning** Evaluate feasibility and large scale deployment of ConsenCUS CCUS technologied	10. CERTH	2, 3, 5, 11, 13, 14, 18
7.	**Social and environmental assessments** Barriers and enablers to CCUS innovations to inform regional and (inter)national regulatory and policy initiatives. Qualitative evaluation of community awareness and acceptance of CCUS development	7. RGU	3, 5, 9, 10, 14
8.	**CO_2 clusters and value chain design** Temporal and spatially optimal design and planning of CCUS clusters and networks.	4. RUG	2, 3, 5, 10, 16
9.	**Dissemination, exploitation and policy advice** > raising awareness of general public for safe and future proof method to capture, store and re-use of CO_2 > Educating and informing energy professionals > Recommendations for policy makers > Dissemination of results to professionals and policy makers > Maximise impact ConsenCUS project through wide dissemination of project outcomes via partner networks	1. NEC	2, 3, 4, 6, 7, 8, 9, 10, 11, 13,

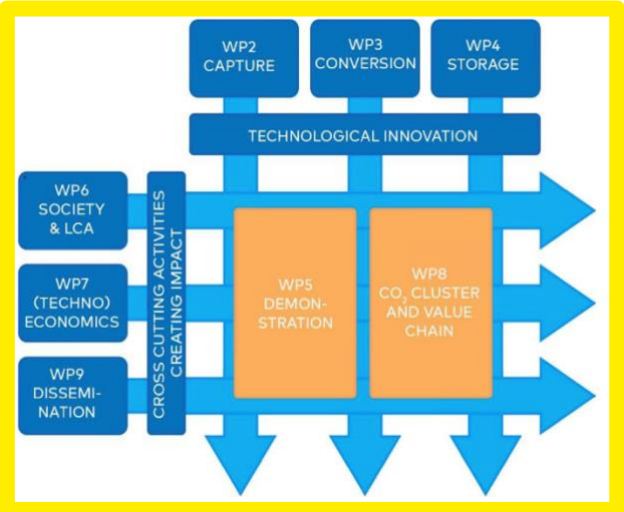
Table 2.2: Work Package description and partner connection

Figure 2.2 illustrates how the activities within the project ConsenCUS, meet the technological innovations to create maximum impact of the actual demonstration of the technologies (WP 5) as well as the broadness of the CO_2 clusters (WP 8).

In general, it can be stated:

(1) WP 2 to 5: CO_2 emitting industry and solution providers for innovative CO2 capture and conversion

(2) WP 6 to 8: CO_2 clusters aimed at Government and society



Figuur 2.2 coherence Working Packages

2.3 Target groups

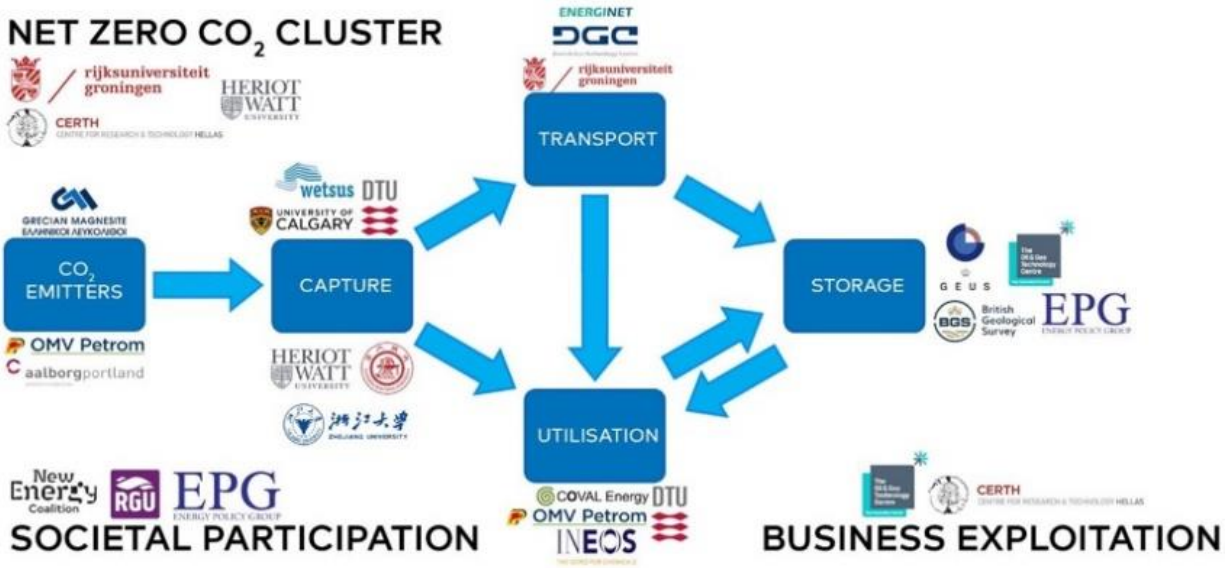
Per target group the ConsenCUS communication will differ slightly. See table 2.3 for a listing of target groups and the communication role.

Internal	Participants ConsenCUS	NEC, WETSUS, COVAL, RUG, HWU, BGS, RGU, DTU, EPG, CERTH, OGTC, GEUS, OMVPET, GM, AALPORT, DCG, UCAL, SJTU, ZJU, INEOS, Energinet, Stork, Euromines	Finetuning, participating, activating and communicating
		Colleagues participants ConsenCUS	Informing, advocating
External	Policymakers	EU, national and local Governments, interest groups and industry	Informing, participating, communicating, disseminating
	Energy & business professionals	CO_2 emitting and handling companies, Power/cement/magnesia/steel/lime production sector, Power/fuel/chemical production sector, Refineries and Oil & (bio) Gas industry	Informing, connecting, participating, communicating, disseminating
	Consortia & Co2 Hubs	Co2 network Hubs around Europe	Informing, connecting, participating, communicating, disseminating
	European Union	Local European Union events	Informing, connecting, participating, communicating, disseminating
	Academics	Knowledge institutes, Universities of (Applied) Science	Informing, participating, activating, communicating, disseminating
	(Trade) press Society	To reach the energy minded professional society (In relation to the activities in Work Package 7)	Informing, communicating, disseminating. For more community awareness and acceptance

Table 2.3: target groups and communication roles

2.4 Context project

ConsenCUS specifically focusses on “low carbon industrial production using CCUS”, with the specific scope of integrating CO_2 capture in industrial installations, while addressing the full CCUS chain and covering all the technical, safety related and strategic aspects.



3 Analysis phase

This chapter will elaborate on the final goal, the communication strategy, the positioning of ConsenCUS, the formats we use and the communication/dissemination mix.

3.1 Goal

The final goal of the project is to show how a net-zero-carbon industry can be achieved by:

(1) community awareness – important coalition between WP 4 and WP9
(2) demonstrating the techno-economic viability of green electricity-based, energy-efficient CCU innovations in an industrially relevant environment, and
(3) showing how regional net-zero-CO_2 networks can cost-effectively take the captured CO_2 to end users, or permanent and/or intermediate storage.

3.2 Strategy

Due to the speeding climate change the energy transition is more urgent than ever. For a successful energy transition new, sustainable energy sources and –systems are necessary. This task is big, complex and worldwide. But the development of (new) sustainable energy sources alone is not enough. Development takes a lot of time and to bridge the gap between the CO_2 emittance at this moment and the goals of net zero emittance in 2050, we need to explore alternative solutions. One of these solutions is **Carbon Capture, Utilisation and Storage, CCUS**. ConsenCUS will research and demonstrate the possibilities of the capture, utilization and storage of CO_2. The ConsenCUS partners are highly motivated to explore the possibilities to lower the CO_2 emission levels in their industries significant and help reach the global CO_2 reduction targets.

Underground storage of CO_2 is a topic which is of big concern for parts of our society. In some areas underground storage at land is not supported. If needed, underground storage seems to have more support when stored in 'caverns' under sea.

The ConsenCUS project is about fact finding and scientific analysis. The society, with its 2030 and 2050 emission goals, is not in a position to exclude options. ConsenCUS will explore these options, analyze them and come up with fact-based conclusions for the industry as well as (international) Governments and

policy makers. **Innovations in capture and utilization** are the main scope of the ConsenCUS **real-life demonstrations, desk studies and lab experiments on storage** will show how storage can support these innovations to reach the net-zero-CO2 target.

A main communication goal is to increase the knowledge on CCUS among scientists, businesspeople, politicians and society amongst other through organizing debates around dissemination of results, based on facts. Acquired knowledge will be proactively shared with our target groups so the international CO2 emitting industry can profit from the results. Community engagement events will be held and research will be conducted to explain this CCUS project to the society.

3.3 Positioning

The way we communicate about ConsenCUS is mainly through the joint knowledge and professionality of the coalition partners. We developed a ConsenCUS logo to strengthen the coalition approach and the broad range of research topics in CCUS. Communication will mainly be in English, in an active writing style, preferably comprehensible for a broad audience. It must be understandable not only for professionals, but also for interested people outside the industry.
Due to the focus on testing new developments in demonstration sites, it is important to involve industry as well as governments and policymakers in the ConsenCUS outcomes. Public awareness is another topic which deserves communication attention. Not by means of a public campaign, because that is outside the main focus of this project, but by using our selected communication means. The outreach on our website(s), our social channels will help to inform the general public.

Our logo:

ConsenCUS

1) CCUS is highlighted in bold
2) The bottom and top represent consensus, yin and yang
3) The top and bottom capture the CCUS black dot
4) The dot represents carbon, the two side-dots represent oxygen (= Co_2)
5) Helicopter view: the dot is a hole in de ground which is closed by the black and yellow icons
6) And the logo represents the cluster of partners working on CCUS goals.

Due to subsidy regulations, it is also important to add the logo of the European Union in our communication.

3.4 Formats

ConsenCUS wil profit from integral and coherent communication. To achieve this, we will develop a digital toolkit with several formats for communication purposes on a short notice. Every partner can use the toolkit for communication within the project, but also in communication activities in their own networks. The toolkit will contain:

- ConsenCUS logo's, the font, color code and brief explanation how to use them
- PPT format for presentation, including aa ppt explaining the project in brief
- Letter and report format
- Front page reports (for dissemination purposes)
- News flash format
- Format for socials and vlogs

3.5 Communication mix

For the outreach of the ConsenCUS project amongst partners and other defined target groups, and for the promotion of project results, ConsenCUS identifies the following communication channels and tools (table 3.5). target, target group, budget and responsible is also included.

New Energy Coalition is the Work Package 9 Leader “Communication and Dissemination”. However, all partners have an active role in Communication and Dissemination.

ConsenCUS communication channels					
Outreach	**Content**	**Target**	**Target audience**	**Budget**	**Responsible**
Toolkit	Logo, font, and formats for ppt, reports, letters, newsletters, socials, vlogs	Integral ConsenCUS communication	General public, stakeholders	**1.500,00**	NEC
Website	Website as an information source for interested perople from all target groups	20.000 visits over 4-year project duration	General public, stakeholders	**5.000,00**	NEC hosting and update Partners content
Press releases	Relevant milestones and dissemination of results. Only when there are relevant results	4 minimum	General public, stakeholders	**0,00**	Joint effort, distribution per partner/country
Newsletters	To inform interested target groups. Latest news always on the website. Subscribe for the newsletter on the website. At least 2 newsletters per year.	8 minimum	General public, stakeholders	**0,00**	Joint effort, distribution per partner
Social media	The use of LinkedIn and Twitter to communicate relevant project content and results to a wider audience. Small budget for paid distribution	LinkedIn 2 posts/month Twitter 2 post/month YouTube 10 vlogs, 2 animations. Reaching 25.000+ people over the project 4 years.	General public, stakeholders, policy makers	**500,00**	NEC hosting and update Partners content
Vlogs	One vlog per Work Pakkage. WP leaders tell about their WP, their goals and their results. Distribution via website and socials	9 vlogs	General public, stakeholders, policy makers	**18.000,00**	NEC hosting and planning WP leaders content
Animation movie	Short animation movie explaining what the project is about, and a final animation with the project results	2 animations creating > 8.000 views in total	General public, stakeholders, policy makers	**20.000,00**	NEC hosting and planning Partners content
Brochure/flyer	Digital infographic/flyer based on the websites content and project results	1 to 4 infographics/ flyers	General public, stakeholders, policy makers	**10.000,00**	NEC hosting and planning Partners content
Academic papers	Scientific publications in high impact peer-reviewed international journals	> 10 peer-reviewed papers at end of project	CCUS scientific community	**0,00**	Scientific partners
Policy briefs	Policy brief outlining the project's prospective contrubution to EU's strategies of decarbonization. A second comprehensive report in nfinal project year. Defining regulatory and legislativ bottlenecks, and offering detailed policy recommendations.	2 policy briefs	Governments, policy makers	**0,00**	Project leader, scientific partners
Final conference	At the end of the project, the project results, including the technical results with focus on the demontrations sites will be organized. Conference in Hybrid format	>100 attendees from EU countries inclusing renowed external experts as invited speakers	CCUS scientific community, end users and policy makers	**10.000,00**	Nec hosting and planning Partners content
Total budget	Budget over 4 year project period.			**65.000,00**	

4 Analysis phase

4.1 Organization

Table 3.4 shows who is responsible for setting up the communication of ConsenCUS and who is responsible for the content. Distribution of content is a task of all project partners.

Personnel and roles as described in WP9. Bold have explicit tasks in WP9

#	Org.	PM WP 9	Role
1	RUG	0.5	Dissemination general, academic (economic), **dissemination via academic publications as part of WP8*
2	**WETSUS**	**4**	**Dissemination general, academic (technical, *also WP2*) and to industrial network**
3	COVAL	2	Dissemination to potential customers
4	**NEC**	**12**	**Coordination of all communication and dissemination, CCUS courses**
5	HWU		**dissemination via academic publications in other WPs*
6	BGS	0.5	Dissemination general, **dissemination via academic publications as part of WP4*
7	RGU	0.5	Dissemination general, **dissemination to citizens and academics as part of WP7*
8	**DTU**	**9**	**Dissemination through events at demonstration sites, technical and local stakeholders**
9	**EPG**	**12**	**Dissemination to policy makers on EU and Eastern European level, policy papers and events at EU.**
10	CERTH	2	Dissemination general and SE-Europe
11	**OGTC**	**3**	**Dissemination oil and gas sector, including industry workshop**
12	GEUS	0.5	Dissemination general, **dissemination via academic publications as part of WP4*
13	OMVPET	0.5	Dissemination oil and gas, also through OMV and OGTC.
14	GM	0.5	Dissemination magnesite, also through Euromines
15	AALPOR	0.5	Dissemination cement stakeholders, also through Cementir
16	DGC		
17	**UCAL**	**1**	**Dissemination Canada and North America CCUS stakeholders**
18	SJTU		
19	**ZJU**	**1**	**Dissemination China CCUS stakeholders**

+	INEOS		Dissemination oil, gas and chemicals
+	Stork		Dissemination service providers / asset managers
+	Energinet		Dissemination TSOs
+	Euromines		Dissemination European mining industry

4.2 Finetuning

All communication needs to be finetuned on a quarterly basis. First week of the first month of every quarter. It seems very inefficient to finetune with communication officers of all stakeholders in the project. A suggestion would be to have a team of eight communication experts who advise on content and that we share the outcome with all partners via de project leaders Dirk Koppert and Pim Frederix. The communication team will exist of the following experts:

1. NEC NL Charles van Santvoord Marketing and Communication Coordinator c.vansantvoord@newenergycoalition.org
2. WETSUS NL Michele.Tedesco@wetsus.nl Theme coordinator Sustainable Carbon cycle
3. DTU DK Uffe Ditlev Bihlet, ufbi@kt.dtu.dk , Project Manager
4. EPG RO radu.dudau@enpg.ro , CEO
5. OGTC UK Miriam.blair@ogtc.com, Head of Marketing
6. OMVPET RO ramona.zanfirescu@petrom.com, Spokesperson
7. GM EL Michael Tsoukatos, Procurement Manager and communications expert m.tsoukatos@grecianmagnesite.com, (please cc h.giannoulakis@grecianmagnesite.com)
8. AALPOR DK Thomas Uhd, Head of Sustainability & External Relations
9. RGU UK Kostas Stavrianakis, PhD Research Fellow k.stavrianakis@rgu.ac.uk

Decisions and action points from the quarterly ConsenCUS communication meetings will be shared with the project leader and all first contacts from the partners.

4.3 Planning

ConsenCUS communication planning																	
	2021			2022				2023				2024				2025	
	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Comment
Toolkit	x																	
Website	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Press release	x				x				x				x					Depending dissemination
Newsletter	x		x		x		x		x		x		x		x		x	When relevant content is available
Social media																		
- LinkedIn	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	2/month bij WP leaders
-Twitter	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	4/month bij WP leaders
-YouTube	2		1		1		1		1		1		1		1		1	animations and vlogs
Vlogs	1		1		1		1		1		1		1		1			
Animation movie	1																1	
Brochure/flyer	1							1				1					1	Infographic based on project results
Academic papers																	10	Planning by CCUS academics
Policy briefs		1															1	Planning by CCUS academics
Final Conference																	x	

Table 4.2 Communication planning

In Appendix A an overview of major milestones to link our communication upon.

Appendix A: Planning for C&D activities ConsenCUS

Planning communication activities

Month + Date	**Activity**	**Remarks**
M0 ?	Grant awarded	Useful with recruiting
M1, 11 May 2021	Kick Off ConsenCUS	NEC, Online
M6,18,30,42	Community events WP7	RGU
M31	Start of demonstrations (AALPOR)	DTU/AALPOR
M36	Start of demonstrations (OMVPET)	DTU/OMVPET
M42	Start of demonstrations (GM)	DTU/GM
M30	EU Parliamentary evening	EPG
X	Start of education and training programs	NEC
X	Exploitation plan, GA meetings at demo sites, construction milestones (M24, M30)	
M18, M36, M48	EU Reporting periods	

To be filled while project unrolls.

Appendix B: List of deliverables and Target Group

In this table all (public) deliverables are displayed and connected with the most relevant target group, and therefore the most likely to use channels (outreach) to reach and inform these groups.

Target Groups/Audience :

1. Participants ConsenCUS
2. Colleagues and partners of Participants Consencus
3. Policymakers
4. Energy and Business Professionals
5. Consortia and CO2-hubs
6. European Union
7. Academics
8. Communities (at demonstration sites)
9. Press

Upcomming deliverables Ready

No.	Deliverable	Due date and Lead Beneficiary	Relevant Target Group	Outreach	Dissemination channels
4.1	Review on the mechanical behaviour of rock salt in gas storage conditions	M6 BGS	Professionals 1,2,4,6,7	Report	Website, socials
4.2	Report with selection of temporary storage strategy and description of uncertain parameters or processes	M10 GEUS	Policy Makers 1,2,3,4,6,7	Report	Website, socials,
4.3	Experimental results to constrain the uncertainties of critical i) parameters or ii) impact of processes	M18 GEUS	Professionals 1,2,4,6,7	Report	Website, socials
4.4	Results from final numerical modelling to enable risk and safety assessment,	M38 GEUS	Professionals 1,2,4,6,7	Other	Website, socials

	development of monitoring program and WP8 cost analysis				
4.5	Results of risk and safety assessment and description of monitoring program	M40 GEUS	Policy Makers 1,2,3,4,6,7	Report	Website, socials,
5.1	Permits for the erection of the modularized demonstration plant at the demonstration sites	M30 DTU	General Public 1-9	Other	Website, socials
5.3	Outline of the demonstration cycles	M30 DTU	General Public 1-9	Other	Website, socials, press release, events
5.4	Report on the overall performance of modularized demonstration plant	M48 DTU	Professionals 1,2,4,6,7	Report	Website, socials, press release, newsletter
6.1	Report on TEA of the cement case	M40 CERTH	Professionals 1,2,4,6,7	Report	Website, socials, press release, newsletter
6.2	Report on TEA of the magnesia case	M40 CERTH	Professionals 1,2,4,6,7s	Report	Website, socials, press release, newsletter
6.3	Report on TEA of the refinery case	M40 HWU	Professionals 1,2,4,6,7	Report	Website, socials, press release, newsletter
7.1	Report on LC performance of the CCUS value chains	M42 CERTH	Professionals 1,2,4,6,7	Report	Website, socials
7.2	Report on LC cost analysis of the CCUS value chains	M42 CERTH	Professionals 1,2,4,6,7	Report	Website, socials
7.3	Systematic review	M5 RGU	Professionals 1,2,4,6,7	Other	Website, socials
7.4	Academic publications	M48 RGU	Professionals 1,2,4,6,7	Report	Website, socials
7.5	Lay publications	M43 RGU	Professionals 1,2,4,6,7	Other	Website, socials
7.6	Analysis report of cluster community events	M42 RGU	General Public 1-9	Report	Website, socials, press release
7.7	Qualitative dataset	M48 RGU	Professionals 1,2,4,6,7	Other	Website, socials
8.1	Database of CO2 production sites	M12 RUG	General Public 1-9	Other	Website, socials
8.2	Database of CO2 storage and utilization sites	M12 DGC	General Public 1-9	Other	Website, socials
8.3	Report on value chain components and their techno-economic	M24 HWU	Professionals 1,2,4,6,7	Report	Website, socials

	performance based on literature data				
8.4	Report on optimisation framework	M36 RUG	Professionals 1,2,4,6,7	Report	Website, socials
8.5	Report on cluster analysis and sector coupling	M48 RUG	Policy Makers 1,2,3,4,6,7	Report	Website, socials,
8.6	Safety report of CO2 logistics	M36 DGC	Professionals	Report	Website, socials
9.1	Project website	M2 NEC	General Public	Website	website
9.2	Communication and dissemination plan	M6 NEC	General Public 1-9	Report	Website,
9.3	Dissemination concept demonstration sites	M12 DTU	General Public 1-9	Events at demonstration site	Website, socials, press release, newsletter
9.4	Initial exploitation plan	M12 NEC	Policy Makers 1,2,3,4,6,7	Report	Website, socials
9.5	Midterm communication and dissemination report	M24 NEC	General Public	Report	Website, socials, press release, newsletter
9.6	Midterm exploitation plan	M24 NEC	Policy Makers 1,2,3,4,6,7	Report	Website, socials,
9.7	Policy paper 1	M26 EPG	Policy Makers 1,2,3,4,6,7	Policy Brief	Website, socials, press release, newsletter
9.8	Final exploitation plan	M40 NEC	Policy Makers 1,2,3,4,6,7	Report	Website, socials,
9.9	Policy paper 2	M47 EPG	Policy Makers 1,2,3,4,6,7	Policy Brief	Website, socials, press release, newsletter
9.10	Final communication and dissemination report	M48 NEC	General Public 1-9	Report	Website, socials, press release, newsletter

The final choice for a dissemination channel will be made by the taskleader in consultation with the WP-leader and with advice of the communication team. The table will be completed during the project.