



# Deliverable 11.4

## Dissemination Plan Update

WP 11 –Dissemination and Training

Version 1.0

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	<b>Title</b> <b>Dissemination Plan</b> <b>Update</b>	<b>Deliverable number</b> <b>11.4</b>
		<b>Version</b> <b>1.0</b>

## Revision History

Author Name, Partner short name	Description	Date
G. Traverso, IIT	Draft deliverable	11/06/2019
E. Hadley Kershaw, UNOTT	Review	20/06/2019
G. Traverso, IIT	Finalized deliverable	21/06/2019

	<b>Title</b> <b>Dissemination Plan</b> <b>Update</b>	<b>Deliverable number</b> <b>11.4</b>
		<b>Version</b> <b>1.0</b>

## Table of Contents

<b>Revision History .....</b>	<b>2</b>
<b>Table of Contents.....</b>	<b>3</b>
<b>1 Introduction .....</b>	<b>4</b>
<b>2 Communication .....</b>	<b>4</b>
2.1 Project website .....	5
2.2 Twitter account.....	5
2.3 Press and news.....	7
2.3.1 State of the art .....	7
2.3.2 Future press releases and news items .....	8
<b>3 Dissemination .....</b>	<b>8</b>
3.1 Targets .....	14
3.2 Publications.....	15
3.2.1 Open access .....	16
3.2.2 Open Data - Dataset release .....	16
3.3 Stakeholder analysis .....	16
3.3.1 Common Dissemination Booster .....	18
3.4 Future dissemination milestones.....	18
3.4.1 CO2oling the Earth Summer School.....	19
3.4.2 Video(s) release.....	20
<b>4 Achieved targets at M18 .....</b>	<b>20</b>

	<b>Title</b> <b>Dissemination Plan</b> <b>Update</b>	<b>Deliverable number</b> <b>11.4</b>
		<b>Version</b> <b>1.0</b>

## 1 Introduction

This document provides a report on communication, dissemination and exploitation activities of the ENGICOIN project and details the further steps to be taken with respect to these aspects. The report refers to the first 18 months of the project: from January 2018 to June 2018. The present document includes statistics on the audience numbers reached with the project information so far. It shows also a spreadsheet that collects details regarding the articles, news and events where the project concept and partial results have been shared.

Communication has been conducted mainly through the website ([www.engico.in.eu](http://www.engico.in.eu)) and social media channels (e.g. Twitter), while dissemination had a more target-specific focus and developed through conference and event participation.

## 2 Communication

Since the beginning of the project, communication activities have aimed to raise awareness among the general public about the project's main goals and the overall approach which is leading ENGICOIN research. The key messages have pivoted around general ideas, such as: environment preservation, circular economy, biological conversion of CO<sub>2</sub> and GMOs and their acceptance.

The activities followed the communication plan and were mainly conducted by IIT, with support from other partners, in accordance with their availability and skills. The partners were encouraged to communicate project activities towards the general public, either via general events and/or social media channels.

Several partners are still not acquainted with the constant use of media channels and shall be supported and encouraged to communicate their work at the broadest level possible. This critical aspect will be addressed with ad hoc guidelines and measures in the next year.

Current results are still limited but improving:

1. In 18 months ENGICOIN news coverage counted around 20 news items, mainly in local or regional magazines.
2. The website was published at the beginning of the project and is periodically updated with news, results, and images. In addition the cover page has been changed and since M15 displays an infographic that conveys information about the project at first glance.
3. The graphics for a visual identity were realized by IIT and comprise: logo, leaflet and poster, ppt slides for presentations and the infographic mentioned above.
4. ENGICOIN Twitter account counts 62 followers and reached more than 60,000 people (total views).

	<b>Title</b> <b>Dissemination Plan</b> <b>Update</b>	<b>Deliverable number</b> <b>11.4</b>
		<b>Version</b> <b>1.0</b>

## 2.1 Project website

The project website was online in March 2018 (M3) and is hosted by IIT servers. Its structure is fully described in Deliverable D11.1.

The general structure and content of the website has not changed so far, apart for some specific sections, as described below.

The “Home” Section has been updated and portrays a picture that easily describes the process ongoing in ENGICOIN. The image will be used in future posters, flyers and presentations. This will consolidate the homogeneity of the visual tools circulated.

Given the early stage of the project and the need to apply property protection schemes to several ENGICOIN results, it has not been possible to update the “Results” sections with respect to the products or processes implemented.

Nevertheless, users will be able to find all the *Public* deliverables available at the “Deliverables” sub-section.

Three Open Access articles are also available in the “Publications” sub-section. Further information on the articles can be found in the present document in Section 3.2.

The “News” has been periodically updated thanks to its automatic link with the Twitter account and with a few extra news items. The “Gallery” was revised by adding photos and pictures taken during the meetings. The Gallery section will host a video (under preparation) aimed at providing scientific insights on the project.

In the upcoming months, the other sections will be updated along with the dissemination and disclosure of the ENGICOIN results, both partial and complete. In addition, every new Open Access deliverable and document will be made fully available.

Moreover, as the project progresses, all the beneficiaries will increase their participation in events, conferences and workshops. Their feedbacks and updates will be used as a base to improve not only the research itself, but also the communication messages present on the website.

It is worth mentioning that the website is fully compliant with the EU regulation 2016/697 GDPR policy and a dedicated disclaimer is present to inform the users.

## 2.2 Twitter account

The main aim of ENGICOIN social media activity in these months has been to create awareness regarding the project. The main goal of the ENGICOIN Twitter account was, therefore, to circulate related news regarding the project by showcasing its interdisciplinary and international consortium, mainly composed of young researchers, and its activities. Posts were mostly related to:

- Lab life: group pictures from labs and from WP and PMC meetings;

	<b>Title</b> <b>Dissemination Plan</b> <b>Update</b>	<b>Deliverable number</b> <b>11.4</b>
		<b>Version</b> <b>1.0</b>

- News or retweets of interest for ENGICOIN or connected to ENGICOIN threads

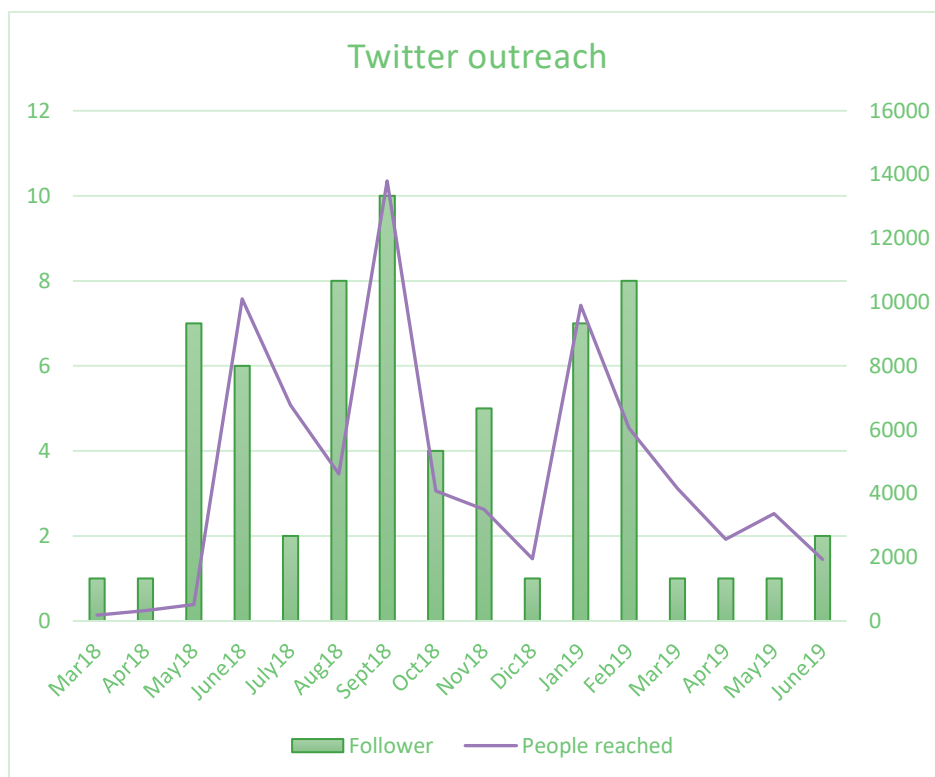
The new tweets will keep up with the aim to create awareness regarding the project, but tweets will increasingly regard also:

- Research results: with posters, publications and videos of lab and site demonstrations;
- Events: announcements related to conferences, participation in public events, and live tweeting
- News: extracts from newspapers, magazines and TV shows.

The ENGICOIN Twitter account was launched in March 2018 along with the website and it is managed by IIT; it is taken care of by the Coordinator with the support and input of the researchers. It is worth mentioning the great effort deployed by some partners via institutional or private accounts to boost the communication actions so far.

Further reminders and encouragement will be given by the Coordinator to incentivize others to publish news or share content on the ENGICOIN main account or by using side accounts to tag the project.

The current (M17) number of followers is still limited (64), but despite the number, the news reached an average of 5000 people per month.



	<b>Title</b> <b>Dissemination Plan</b> <b>Update</b>	<b>Deliverable number</b> <b>11.4</b>
		<b>Version</b> <b>1.0</b>


## 2.3 Press and news

### 2.3.1 State of the art

During the first 18 months of the ENGICOIN project, only a limited number of press releases and news items were issued.

A press release was realized by IIT, translated, and presented at the Italian Institute of Technology center in Torino. It informed the public about European Commission funding and presented the main goals of the project. The coverage was mainly local (Piedmont region) and national, by magazines and newspapers. The news items circulated are written in Italian.

Type	Country	Newspaper	Title
News	IT	Repubblica Torino	Envipark, dove le aziende lavorano alla sostenibilità
News online	IT	e-gazette.it	La CO <sub>2</sub> diventa un additivo per il cemento: al via un progetto a Torino
News	IT	Corriere Torino	A Envi Park il centro delle tecnologie green
News	IT	Giornale del Piemonte e della Liguria	Inaugurati 1100 metri quadri per la ricerca sull'economia «green»
News online	IT	lastampa.it	L'Environment Park si rinnova: progetti e laboratori per il futuro dell'economia green
News online	IT	ansa.it	CO <sub>2</sub> additivo cemento, progetto a Torino
News online	IT	ansa.it	La CO <sub>2</sub> diventa additivo per cemento, al via progetto a Torino
Video news	IT	ecodallecitta.it	Centre for Sustainable Future Technologies, nasce a Torino il nuovo centro di ricerca per le tecnologie sostenibili   VIDEO(
News online	IT	gassinotorinese.virgilio.it	CO <sub>2</sub> additivo cemento, progetto a Torino
News online	IT	notizie.tiscali.it	CO <sub>2</sub> additivo cemento, progetto a Torino
News online	IT	quotidianopiemontese.it	Istituto Italiano di Tecnologia, Environment Park e Politecnico: nasce a Torino il nuovo centro per le tecnologie future sostenibili
News online	IT	torinoggi.it	Il futuro dell'economia green prende casa a Envipark, grazie a IIT e Politecnico
News online	IT	alternativasostenibile.it	Environment Park di Torino: positivo il bilancio 2017 e al via nuovi progetti eco-sostenibili

	Title <b>Dissemination Plan Update</b>	Deliverable number <b>11.4</b>
		Version <b>1.0</b>

### 2.3.2 Future press releases and news items

During the next 18 months, the consortium will try to release a piece for each partner. The news of broader interest will be translated into different languages, and shared by the other partners on their institutional sites.

Besides the project's scientific goals, news will cover also the stories of ENGICOIN researchers and their vision about the future development of the project and circular economy.

News will provide also insights and feedback on the international conferences.

## 3 Dissemination

Researchers participated in events targeted to the general public, industry, customers and policy makers. Events were located all around Europe.






ENGICoin		Event				Audience			Additional info
Partners	Role	Type	Title	Date	Place	Country	Target	n.	
IIT	Participant	Conference	IFIB - International Forum on Industrial Biotechnology and Bioeconomy	27-28/09/2018	Torino, Italy	International	Scientific Community	500 p	Poster presentation on ENGICoin: chemicals, closing the cycle of organic waste treatment and anaerobic digestion
IIT	Participant	Conference	Ecomondo 2018	43413	Rimini, Italy	International	Other	120K	Bioraffinerie Integrate nei territori e prospettive di sviluppo
IIT	Organiser	Other	Inaugurazione CSFT Torino	23/04/2019	Torino, Italy	National	Other	75 p	New laboratories and EU-funded projects presentation
POLITO	Participant	Workshop	Course "Biotechnology routes for energy and bioproducts generation"	27-31 August 2018	Escuela de Ingeniería Bioquímica - Pontificia Universidad Católica de Valparaíso	International	Scientific Community	15	Objectives of the course: Provide theoretical and practical knowledge on the emerging biotechnology, for energy recovery from organic streams into valuable products
ENV/IT	Participant	Other	Climathon, Climate, KIC	27-28/10/2018	Torino, Italy	International	Other	5k p	Poster presentation on ENGICoin: chemicals, closing the cycle of organic waste treatment and anaerobic digestion



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	<b>Title</b> <b>Dissemination Plan</b> <b>Update</b>	<b>Deliverable number</b> <b>11.4</b>
		<b>Version</b> <b>1.0</b>


ENVI/IT	Participant	Conference	Giornata Nazionale della Bioeconomia	14/10/2018	Torino, Italy	National	Other	100 p	Poster presentation on ENGICOIN: chemicals, closing the cycle of organic treatment and anaerobic digestion
PHO	Participant	Workshop	Een toekomst voor algen in een biobased economy	18/10/2018	Utrecht, Netherlands	National	Policy makers	80 p	presentation about the work with Engico in mentioned.
PHO	Participant	Conference	Microbial Biotechnology MB5.0 fall meeting	05/11/2018	Delft, Netherlands	National	Scientific Community	120	presentation about the work with Engico in mentioned.
PHO	Participant	Conference	Plant-based summit	23/05/2019	Lyon, France	International	Industry	400p	presentation about the work with Engico in mentioned.
BIOPOLIS	Participant	Exhibition	BIOSPAIN 2018	25th-27th September 2018	Sevilla	International	Industry	2500000	Industrial Biotechnology&Bioeconomy <a href="https://biospain2018.org/program/7-87be3fbf-5bfc">https://biospain2018.org/program/7-87be3fbf-5bfc</a>
Asja	Organiser	Other	La CO2: da problema a risorsa da sfruttare	30/04/2019	Università campus bio-medico di Roma	National	Other	10	Corso di Laurea Magistrale in "Ingegneria per lo sviluppo sostenibile" - Corso "Processi e tecnologie per la valorizzazione delle biomasse e rifiuti", 48 ore di lezioni
KTH	Participant	Conference	Metabolic Engineering 12	24/06/2018	Munchen, Germany	International	Scientific Community	500	
KTH	Participant	Conference	Gordon Conference on Carbon fixation	29/07/2018	Maine, USA	International	Scientific Community	170	

	<b>Title</b> <b>Dissemination Plan</b> <b>Update</b>	<b>Deliverable number</b> <b>11.4</b>
		<b>Version</b> <b>1.0</b>

IIT/UNOTT	Participant	Workshop	Circling Sustainability and Responsibility workshop	1-2/04/2019	Nottingham, UK	International	Scientific Community	25 p	Circling Sustainability and Responsibility
UNOTT	Participant	Other	Arizona State University / National Nanotechnology Coordinated Infrastructure (NNCI) 2019 Winter School on Responsible Innovation and Social Studies of Emerging Technologies.	9 January, 2019.	Tempe, US.	International	Scientific Community		Hadley Kershaw, E. Responsible Re Innovation in the ENGICOIN project
CSIC (A. Prieto)	Participant	Workshop	<i>"Wastes as feed-stocks for bio-based polymer production"</i> . V International Course of Biomaterials (an UNESCO course as satellite event of BIOMAT'2018, VII International Congress of Biomaterials).	27-31 August 2018	Colegio San Gerónimo de La Habana, Cuba.	International	Scientific Community	150	<a href="http://www.biomatcuba.com/">http://www.biomatcuba.com/</a>

	<b>Title</b> <b>Dissemination Plan</b> <b>Update</b>	<b>Deliverable number</b> <b>11.4</b>
		<b>Version</b> <b>1.0</b>

CSIC (A. Prieto)	Participant	Conference	“Una visión actualizada de la producción de bioplásticos de origen bacteriano” (in English: An actual overview on the production of bioplastics from bacterial origin). Keynote presentation at II Jornadas Españolas de Biocatálisis (JEB 2018).	25 & 26 June 2018	Oviedo, Spain.	National	Scientific Community	100	<a href="http://jeb2018.uniovi.es/">http://jeb2018.uniovi.es/</a>
		<b>Future Events</b>							
IIT	Participant	Conference	DECHEMA conference	23-27 June 19	Aachen, Germany	EU-wide	Scientific Community		
UNOTT	Participant	Other	Institute for Science and Society Seminar Series. University of Nottingham.	12 June, 2019	Nottingham, UK.	National			McLeod C., & Hadley Kershaw, E. M. More-than-human relations in a sy centre.
UNOTT	Participant	Conference	Royal Geographical Society (with the Institute of British Geographers) (RGS-IBG) Annual International Conference 2019.	28 August, 2019	London, UK	National	Scientific Community		Hadley Kershaw, E., McLeod, C., Making microbes make material kinship and relations of value in biotechnological production of chemicals.

	<b>Title</b> <b>Dissemination Plan</b> <b>Update</b>	<b>Deliverable number</b> <b>11.4</b>
		<b>Version</b> <b>1.0</b>

UNOTT	Participant	Conference	<i>Society for the Social Studies of Science (4S) Annual Conference 2019.</i>	5 September, 2019.	New Orleans, US.	International	Scientific Community		Hadley Kershaw, E. Raising reflection on intervention in international science governance and practice.
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### 3.1 Targets

Type	Description	Involvement to date
Industry and/or commercial	European industries <ul style="list-style-type: none"> <li>- European biomass industry association</li> <li>- waste-treatment industry</li> <li>- biogas industry</li> </ul> Network associations for science, industry, politics and society	Industrial representatives have been addressed through participation in dedicated conferences and events specifically focused on innovation and new technologies targeted to industry or innovators. In addition, moderate contact has started with other H2020 projects' representatives.
	<u>Future targets</u> <ul style="list-style-type: none"> <li>• Chemical industries</li> <li>• Other industries as relevant</li> <li>• Financial institutions</li> <li>• Industrial Associations and other entities operating at EU and national level</li> </ul>	Future aims: ENGICOIN partners will work on organizing short demos, in order to encourage future take-up. Impact analysis and exploitation perspectives will be key tools to perform stakeholder engagement along with dissemination.
Policy making/institutional	Institutional/political entities at national/regional level: <ul style="list-style-type: none"> <li>- Regional governments-Piedmont region</li> </ul>	The ENGICOIN project largely involves and is developed in the Italian northern region of Piedmont. Several partners are located there and the ENGICOIN demo site will be located close to Turin. The ENGICOIN Consortium has been conducting awareness-raising activities aimed towards institutions and citizens.
	<u>Future targets</u> <ul style="list-style-type: none"> <li>• Institutional/political entities at national/regional level: <ul style="list-style-type: none"> <li>- National governments, line ministries (e.g. industry, environment, etc)</li> </ul> </li> <li>• Environmental preservation clusters, Lobby associations</li> </ul>	Future aims: given the upcoming technical and scientific results, but also thanks to the network that the ENGICOIN consortium is building, it will be possible to steer regional governments or clusters to adopt or to promote several of the outcomes of these projects.
Research and scientific community	<ul style="list-style-type: none"> <li>• Universities</li> <li>• Research centers</li> <li>• Research alliances/networks</li> </ul>	Dissemination of ENGICOIN concepts and processes via conferences and workshops (PPTs & poster submissions) Future aims: Provide research recommendations
	<ul style="list-style-type: none"> <li>• Consortium closed &amp; ongoing projects</li> <li>• Related external projects</li> </ul>	The ENGICOIN Consortium has established connections with several other EU projects.



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	<b>Title</b> <b>Dissemination Plan</b> <b>Update</b>	<b>Deliverable number</b> <b>11.4</b>
		<b>Version</b> <b>1.0</b>

<b>Entities involved in related projects and initiatives</b>	<u>Future targets</u> <ul style="list-style-type: none"> <li>Major EU-wide initiatives</li> </ul>	ENGICOIN is working to organize a common summer School involving 5 other projects (see Section 4.3.1).
<b>Civil society</b>	<ul style="list-style-type: none"> <li>Non-profit organisations and foundations, such as: <ul style="list-style-type: none"> <li>Green/Environmental associations: SUSCHEM, Legambiente (Italy), etc.</li> <li>Others</li> </ul> </li> </ul>	Future aims: The preliminary activities will focus on the Piedmont region and the interested parties already present in the ENGICOIN network.
<b>General public</b>	<ul style="list-style-type: none"> <li>EU citizens and beyond</li> </ul>	General public has been involved mostly thanks to Social Media (Twitter).

### 3.2 Publications

The most common and efficient method to disseminate project results to the scientific community is publications. These usually have the purpose of presenting the project in major scientific journals and describing its results.

In the context of the ENGICOIN research, three articles have been submitted to peer review and have been accepted for publication.

All of them are compliant with Open Access requirements and are fully publicly available.

The following articles are made available in several repositories and on the ENGICOIN web page:

- **Response of the thylakoid proteome of *Synechocystis* sp. PCC 6803 to photoinhibitory intensities of orange-red light**, A.Cordara, M.Manfredi, P.van Alphen, E.Marengo, R.Pirone, G.Saracco, F.Branco dos Santos, K.J.Hellingwerf, C.Pagliano.

Science Direct -Elsevier, 2019

<https://www.sciencedirect.com/science/article/pii/S0981942818304406?via%3Dihub>

- **Analysis of the light intensity dependence of the growth of *Synechocystis* and of the light distribution in a photobioreactor energized by 635 nm light**, A.Cordara, A.Re, C.Pagliano, P.Van Alphen, R.Pirone, G.Saracco, F. Branco dos Santos, K.Hellingwerf, N. Vasile.

PeerJ – Life & Environment, 2018

<https://peerj.com/articles/5256/>

- **A Novel Redox-Sensing Histidine Kinase That Controls Carbon Catabolite Repression in *Azoarcus* sp. CIB**, J.A.Valderrama, H.Gómez-Álvarez, Z.Martín-Moldes, M. Álvaro Berbís, F. Javier Cañada, G. Durante-Rodríguez, E. Díaz.

ASM Journal, 2019

<https://mbio.asm.org/content/10/2/e00059-19>

	<b>Title</b> <b>Dissemination Plan</b> <b>Update</b>	<b>Deliverable number</b> <b>11.4</b>
		<b>Version</b> <b>1.0</b>

All the publications have been and will be subject to the Consortium Agreement. Specifically they all will include the Project and EU funding Disclaimer. In fact, once the DOI is assigned to the publication, the publication will be automatically uploaded to the portal.

### 3.2.1 Open access

During the early stage of the project, the ENGICOIN Consortium presented a preliminary analysis of target papers, identified target journals, Open Access compliance and interested partners.

In the submission phase, priority is given to journals with higher journal impact factor and open access (OA) journals. Gold OA will be preferred to ensure higher visibility but green OA will also be considered. Publications can be found on the project's website under the Section "*Results*", sub-section "*Publications*". Those are made available according to the open access rules.

### 3.2.2 Open Data - Dataset release

Several datasets have already been produced along with working processes.

According to the Data Management plan, the majority of these datasets will be kept confidential until adequate IP protection has been applied.

Nevertheless, each ENGICOIN partner should, whenever possible:

- (a) Deposit in a research data repository (possibly ENGICOIN community in Zenodo) and take measures to make it possible for third parties to access, mine, exploit, reproduce and disseminate — free of charge for any user — the following:
  - a. the data, including associated metadata, needed to validate the results presented in scientific publications, as soon as possible
  - b. other data, including associated metadata, as specified and within the deadlines laid down in the Data Management Plan (D1.2 and further updates)
- (b) Provide information — via the repository — about tools and instruments at the disposal of the beneficiaries and necessary for validating the results (and — where possible — provide the tools and instruments themselves).

So far, a few complete datasets have been uploaded to the ENGICOIN Platform, accessible by all partners. The Confidentiality of these is restricted to the Consortium level.

At a later stage in the project, a careful evaluation regarding the dissemination of these datasets will be carried out.

## 3.3 Stakeholder analysis

The first aim of Communication and Dissemination is to generate awareness about project goals and results in the most effective way. Therefore the primary need is to carefully identify the target to whom the ENGICOIN Message should be addressed. The audience consists of specific individuals, entities or groups that are of importance to the project's success.



	<b>Title</b> <b>Dissemination Plan</b> <b>Update</b>	<b>Deliverable number</b> <b>11.4</b>
		<b>Version</b> <b>1.0</b>

A preliminary analysis of the project key stakeholder groups was drafted in the proposal phase and is available in the project *Description of Action*.

Future actions can be divided into shorter and longer term:

Short term:

During the coming months and until M21 the Consortia (ENGICOIN and several other H2020-funded projects) will devote efforts to the organization and successful completion of the Summer School (Section 3.4.1).

Moreover, all PIs are actively taking part in contributing to the communication strengthening by recording a short video that will be part of the assembled Project video (Section 3.4.2).

All partners will be strongly encouraged to deliver and circulate both press releases and news.

In addition, in accordance with the completeness or maturity of scientific results, the academic partners and research center are likely to increase the number of articles/conference proceedings related to ENGICOIN.

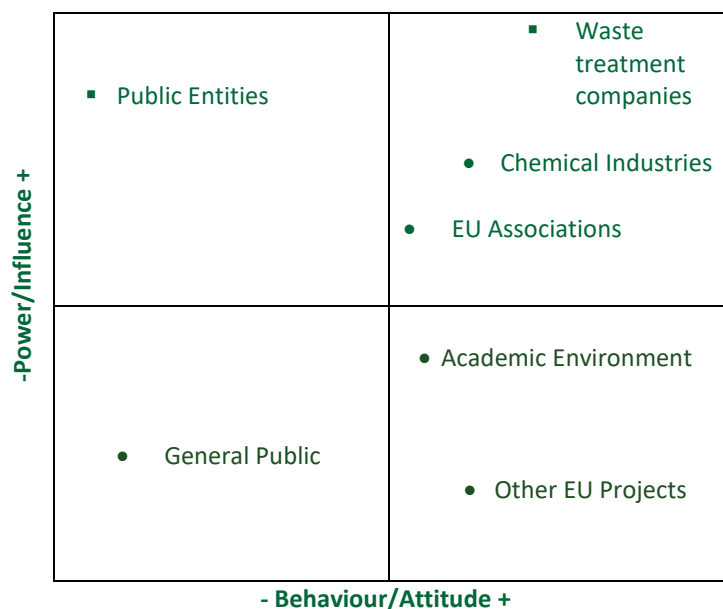
Long term:

Starting from the third stage of the ENGICOIN Dissemination Plan, “Consolidate Involvement”, communication and dissemination will focus on spreading information on technology developed to potential customers and end-users in order to ensure their take up and exploitation. At the same time, the consortium will aim at informing the general public on how solutions developed can be effectively used to tackle societal challenges.

The following scheme summarizes the stakeholder levels:

- Upper-right corner: stakeholders that may find a positive and pro-active interest in ENGICOIN activities. Their influence on the success and later take-up of ENGICOIN products is high, due to their potential impact (future development/market, etc.).
- Bottom-right corner: in these cases, the interest and attitude toward the project results is likely to be positive, however these stakeholders have fewer possibilities to determine the project’s success.
- Upper-left corner: Here we find stakeholders whose potential power is high, but this power might not be easy to trigger and involve in the project. Among the possible issues that might arise is concern about ENGICOIN goals, technologies and processes (e.g. GMOs, waste management, chemical production) and their social, economic, political, ethical and environmental dimensions. Such responses might arise for a range of reasons (e.g. differing values, concerns about potential environmental impact, human or animal safety or wellbeing, social and economic implications, etc.).
- Bottom-left corner: here we find those stakeholders or users that may, for instance, express hope or concern in relation to ENGICOIN technologies and their social, economic, political or ethical dimensions. Despite these stakeholders’ limited direct influence on the project, their involvement could provide a solid base for enhancing interest in the project.

	<b>Title</b> <b>Dissemination Plan</b> <b>Update</b>	<b>Deliverable number</b> <b>11.4</b>
		<b>Version</b> <b>1.0</b>



Useful tools to engage with the stakeholders outlined above will be: Scientific publications in journals and conference proceedings; Presentations at major congresses and fairs; Organization of guided tours of ENGICOIN integration site; Organization of project-branded industry-oriented training targeting specialized stakeholders.

### 3.3.1 Common Dissemination Booster

The ENGICOIN Consortium will consider inserting dissemination activities in the Common Dissemination Booster<sup>1</sup> action of the European Union.

As foreseen in the preliminary version of this document, the possibility of a joint dissemination collaboration with the EC funded Project BIOCONCO2 (#761042) has consolidated. Despite not using the booster tool, a BIOCONCO2 representation (one representative, plus several attendants) will participate in the *CO<sub>2</sub>oling the earth* Summer School.

## 3.4 Future dissemination milestones

Future dissemination milestones are here defined. These will be considered by the Consortium as specific objectives to be developed in parallel to scientific milestones:

- 1) **First dissemination milestone.** During the second year of the project, the ENGICOIN processes and Microbial Factories studies will be presented at international conferences.
- 2) **Second dissemination milestone.** Approximately, at end of the second year of the project, Presentation Video (details below) shall be ready and it will be circulated both via social

<sup>1</sup> <https://www.trust-itservices.com/common-dissemination-booster>

	<b>Title</b> <b>Dissemination Plan</b> <b>Update</b>	<b>Deliverable number</b> <b>11.4</b>
		<b>Version</b> <b>1.0</b>

media and fairs or exhibitions. The quantitative target ENGICOIN aims is to reach 1500 views by one year after the release of the video.

- 3) **Third dissemination milestone.** Approximately, during the fourth year of the project, a DEMO campaign of the Integration of the 3 Microbial factories will be shown at an international fair or congress on biological CO<sub>2</sub> conversion methods.
- 4) **Fourth dissemination milestone.** Approximately, during the fourth year of the project, a visit to the ENGICOIN Plant shall be organized for stakeholders and primary users.

These milestones align with the phases foreseen in the D11.3:

The ENGICOIN dissemination strategy organized into three phases. These steps will relate and mutually enforce with the project advancement periods as detailed below.

*Phase 1 (M1 - M24): Generate awareness and promote understanding on the ENGICOIN project and its approach*

At early project stage, microbial factories maturity will be nearly negligible and the research activity will be primary focused on Synthetic and system biology developments of the microbial hosts and on the validation of the site preparation.

At first, the awareness creation will mostly rely on communication activities (visual identity building, presentation/ poster circulation...). In this first phase, some bases for future actions are created. Subsequently, more proper dissemination activities will be carried out.

Consequently, dissemination strategy will focus on:

- i) Identifying and targeting stakeholders
- ii) establishing and setting up tools to be used alongside project implementation;
- iii) spread the knowledge of the project concept and of the expected outcome among the stakeholders' community and general audience.

The participation of the partners at ad hoc conferences and application to target journals will convey the disclosed information to the scientific community.

*Phase 2 (M25 – M36): enhancing interest and encourage take-up on ENGICOIN benefits*

Once the optimization of the ENGICOIN processes outset and the technology embedded in the project evolve to higher Technology Readiness levels, the dissemination activities will direct more specifically toward specialised audiences in order to engage their interest on ENGICOIN ongoing scientific results and potential industrial achievements. Nevertheless, communication actions will maintain focus on the broader public through various channels.

### 3.4.1 CO<sub>2</sub>oling the Earth Summer School

The Consortium decided to organize a large training event in form of a short summer school; this fully complies with the above mentioned objectives. The School will be articulated in two days. The draft agenda is currently (M16) under construction. In order to attract a greater audience, the school will be free of charge. IIT is already working at setting up a dedicated website (<https://www.co2olingearth.eu/>).

	<b>Title</b> <b>Dissemination Plan</b> <b>Update</b>	<b>Deliverable number</b> <b>11.4</b>
		<b>Version</b> <b>1.0</b>

under construction) that will be used to communicate information regarding the school and for registration and poster submissions.

The preferred target is PhD students and PostDocs. Nevertheless, we strongly believe that the several projects involved will gather also a pool of stakeholders and professionals at different levels.

Apart from ENGICOIN, the following projects will take part in the school:

- **RECODE**: Recycling carbon dioxide in cement industry to produce added-value additives (IIT Coordination)
- **Celbicon**: Cost-effective CO<sub>2</sub> conversion into chemicals via combination of Capture, ELectrochemical and Biochemical CONVersion technologies
- **Store&Go**: Innovative large-scale energy STORagE technologies AND Power-to-Gas concepts after Optimisation.
- **BIOCON-CO<sub>2</sub>**: BIOTechnological processes based on microbial platforms for the CONVersion of CO<sub>2</sub> from the iron and steel industry into commodities for chemicals and plastics.

In addition to these, two other projects are in contact with the ENGICOIN Coordinator to evaluate their participation in the School.

Apart from the dissemination, the aim will be to create interest within the possible future workforce, get involved in discussion and collect feedback from other experts outside the participating consortia.

### 3.4.2 Video(s) release

IIT is already collecting (M16) short videos and will promote the creation of short stories with “science pills” that will be posted on social media. The aim of this action is to attract a larger audience through the project’s social media profiles. Partners will try to make them viral through their own profiles and networks.

The inputs from each partner will be edited and assimilated into a unique video of max. 10 minutes.

Quotes by partners to briefly explain the project and/or its innovative character will be posted on ENGICOIN’s and partners’ social media profiles with a view to attracting more followers and to raise the visibility of the project in social media. The design of these messages and quotes will be shared by all partners providing appropriate input to this action.

Finally, project partners will create short videos from their conference/events/workshops. The videos will be promoted via partners’ communication channels and networks as well as on social media profiles and in the local press.

## 4 Achieved targets at M18

In the below table a summary of the communication and dissemination targets achieved so far.

*Table 1 - dissemination targets*

ENGICOIN Tool	Indicator	Achieved
Flyers	Number of flyers distributed	>80

	<b>Title</b> <b>Dissemination Plan</b> <b>Update</b>	<b>Deliverable number</b> <b>11.4</b>
		<b>Version</b> <b>1.0</b>

Press releases	Number of press releases	19
E-Newsletter	Number of newsletters distributed	-
Presentations at conferences/fairs	Number of attended conferences with presentation or posters	>15
Training events	Number of registered participants	-
EU level final conference	Number of registered participants	n/a
Publications in scientific journals	Number of accepted articles in peer-review journals	3 +1(under subm)
	Number of accepted articles in conferences	-
Social media	Number of members/followers	64
	Number of visualizations (month average)	~4000
Website	Monthly visits	<5
	Country distribution	IT, SP, BE, ND
	Number of downloads per month	n/a