



# SUNER-C

Deliverable 4.1:  
Exploitation and  
Innovation Plan



Funded by  
The European Union,  
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[www.sunergy-initiative.eu/suner-c](http://www.sunergy-initiative.eu/suner-c)



**Table 1**

Project Summary	
<b>Project Number</b>	101058481
<b>Project Acronym</b>	SUNER-C
<b>Project Name</b>	SUNER-C: SUNERGY Community and eco-system for accelerating the development of solar fuels and chemicals
<b>Starting date</b>	01/06/2021
<b>Duration in months</b>	36
<b>Call (part) identifier</b>	HORIZON-CL4-2021-RESILIENCE-01
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<b>Type of action</b>	HORIZON-CSA (Coordination and Support Actions)
<b>Service</b>	HADEA/B/03

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**Table 2**

<b>Management Information</b>	
<b>Version 1</b>	12 February 2023
<b>WP</b>	4 – Innovation and Exploitation
<b>Lead and co-lead beneficiaries</b>	
<b>Dissemination Level</b>	Public
<b>Authors</b>	
<b>Deliverable Number</b>	D4.1
<b>Deliverable Name</b>	Exploitation and Innovation Plan (RMP)
<b>Reviewers</b>	Project Coordination Team (UU, CEA, CVE & ICIQ) & SUNER-C Quality and Impact Assurance (Q&IA) Board
<b>Abstract</b>	This is the SUNER-C Exploitation and Innovation Plan.





## D4. EXPLOITATION AND INNOVATION PLAN

**Table 3**

Document History			
Version	Date	Responsible	Action
0.1	14/2/23	SYNEST PC	1 <sup>st</sup> Draft of EIP
0.9	18/4/23	SYNEST PC	Revised Draft of EIP
1.0	15/5/23	SYNEST PC	First version of EIP
2.0	31/5/23	SYNEST/UU	Submitted version of EIP



**Table 4**

**Consortium Information**

**Coordinator:** 1. UNIVERSITEIT UTRECHT (UU)

**Beneficiaries:** 2. COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES (CEA)  
 3. EUROPEAN RESEARCH INSTITUTE OF CATALYSIS A.I.S.B.L. (ERIC)  
 4. UNIVERSITEIT GENT (GU)  
 5. UNIVERSITEIT LEIDEN (LU)  
 6. UNIWERSYTET WARSZAWSKI (UW)  
 7. FUNDACIO PRIVADA INSTITUT CATALA D'INVESTIGACIO QUIMICA (ICIQ)  
 8. SIEMENS ENERGY GLOBAL GMBH & CO. KG (SE)  
 9. DECHEMA GESELLSCHAFT FUR CHEMISCHE TECHNIK UND BIOTECHNOLOGIE (DECH)  
 10. FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG EV (Fraunhofer)  
 11. CARBYON BV (CAR)  
 12. TURUN YLIOPISTO (UTU)  
 13. USTAV FYZIKALNI CHEMIE J. HEYROVSKEHO AV CR, v. v. i. (HIPC)  
 14. UPPSALA UNIVERSITET (UppU)  
 15. COVESTRO DEUTSCHLAND AG (COV)  
 16. CO2 VALUE EUROPE AISBL (CVE)  
 17. FUNDACION IMDEA ENERGIA (IME)  
 18. ALMA DIGIT SRL (AD)  
 19. INTERUNIVERSITAIR MICRO-ELECTRONICA CENTRUM (IMEC)  
 20. AVANTIUM CHEMICALS BV (AVT)  
 21. NEXTCHEM S.P.A. (NEXT)  
 22. ALLIANCE EUROPEENNE DE RECHERCHE DANS LE DOMAINE DE L'ENERGIE (EERA)  
 23. SYNERGEIES STIN EPISTIMI KAI TECHNOLOGIA-SYNEST IDIOTIKI KEFALAIOUCHIKI ETAIREIA (SYN)  
 24. UNIVERSITATEA DIN BUCURESTI (UB)  
 25. ARCELORMITTAL BELGIUM NV (AM)  
 26. VICAT (VIC)  
 27. BELGISCH LABORATORIUM VAN ELEKTRICITEITSINDUSTRIE (ENGIE-LAB)  
 28. ENGIE (ENGIE) – **Affiliate Entity**  
 29. RHODIA OPERATIONS (SOLVAY)  
 30. BOND BETER LEEFMILIEU VLAANDEREN (BBL)  
 31. TOTALENERGIES ONE TECH BELGIUM (TEOTB) -- **Associated Partner**



# Executive summary

This document, D4.1 Exploitation and Innovation Plan (EIP), is a deliverable of the SUNER-C project, which is funded by the European Union's Horizon Europe under Grant Agreement No 101058481.

The main objective of the SUNER-C Exploitation and Innovation Plan is to ensure that the project's results and outputs can be widely disseminated to the designated and appropriate target groups (research community, EU and member states policy-makers, industry and innovative actors of the ecosystem, the civic society and citizens in general and other stakeholders including European Research Technology Platforms, Infrastructures and similar Initiatives).

This communication should take place at appropriate times throughout the lifetime of the project and specifically at key milestones. It is also designed so that all the key stakeholders, including those that can contribute to the development, evaluation and benefit from SUNER-C outputs can be identified, reached and encouraged to participate. During the project, this Exploitation and Innovation Plan will be a dynamic document that will be updated and adapted depending on the progress and evolution of the project and incorporating the feedback of the community and project office.

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# Table of Contents

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Disclaimer.....	2
<b>Executive summary.....</b>	<b>6</b>
<b>List of abbreviations.....</b>	<b>8</b>
1 Introduction.....	9
<b>1.1. SUNER-C in short.....</b>	<b>9</b>
<b>1.2. Purpose of the deliverable.....</b>	<b>11</b>
<b>1.3. Interconnection with other activities in the project.....</b>	<b>12</b>
2. Communication Strategy.....	12
2.1 Goals and objectives.....	12
2.2 Target audiences.....	12
3. Exploitation and Innovation Plan.....	14
3.1 Scientific Publications.....	14
3.2 Exploitation and Innovation activities.....	14
3.3 Human resources capacity building.....	17
3.4 Synergies with European initiatives and platforms.....	17
3.5 SUNER-C international conference.....	19
3.6 Website.....	19
3.7 Social media.....	20
3.8 Newsletter.....	21
4. Internal Coordination of Exploitation and Innovation Activities.....	21
4.1 Metrics and KPIs.....	22
4.2 List of Potential Key Exploitable Results.....	23
5. Conclusion.....	25







# 1 | Introduction

## 1.1. SUNER-C in short

SUNER-C is a project that has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101058481. The project has officially started on 1 June 2022 and will last 36 months. Under the umbrella of the SUNERGY pan-European initiative, the newly funded SUNER-C programme entitled "SUNERGY Community and eco-system for accelerating the development of solar fuels and chemicals" will strengthen the solar fuels and chemicals community within Europe. The European Union has awarded 4 M€ to this project.

The SUNER-C consortium is a unique and balanced partnership of 31 organisations (including one affiliate and one associate partner), bringing together a large diversity of partners, expertise, fields, and representatives of all the EU regions. The consortium consists of 13 academic partners (UU, CEA, GU, LU, UW, ICIQ, Fraunhofer, UTU, HIPC, UppU, IME, IMEC, UB), 12 industrial companies (SE, CAR, COV, AD, AVT, NEXT, SYN, AM, TEOTB, VIC, ENGIE-Lab, ENGIE, SOLVAY), 4 network organizations and federations (ERIC, DECH, CVE, EERA), and 1 Non-Governmental Organization (BBL).

The overarching objective of the SUNER-C project is to create an inclusive innovation community and eco-system that builds on the current SUNERGY network and includes new stakeholders across Europe. Bringing together fundamental and applied knowledge from various sectors of society as well as often unique resources, the enhanced community will prepare a Large-Scale Research and Innovation initiative (LSRI) beyond the CSA, as a partnership or another instrument to be discussed and agreed upon with the Commission and the Member States and Associated Countries. The goal is to overcome scientific, technological, organizational, and socio-economic challenges, accelerate innovation in solar fuels and chemicals, and enable the transition of existing and future technologies from laboratory and demonstrator levels to large-scale industrial and broad societal applications.

The SUNER-C consortium will also work on the development of a strategic roadmap towards the broad implementation of solar fuels and chemicals, with supporting strategies for innovation and exploitation, and a firm focus on crosscutting and socio-technical aspects.

Through a holistic approach, SUNER-C will contribute to a circular economy by replacing fossil-derived fuels and chemicals with renewables and carbon recycling as a key element toward the EU net-zero emissions target by 2050. SUNER-C will build upon the work of SUNERGY, a pan-European

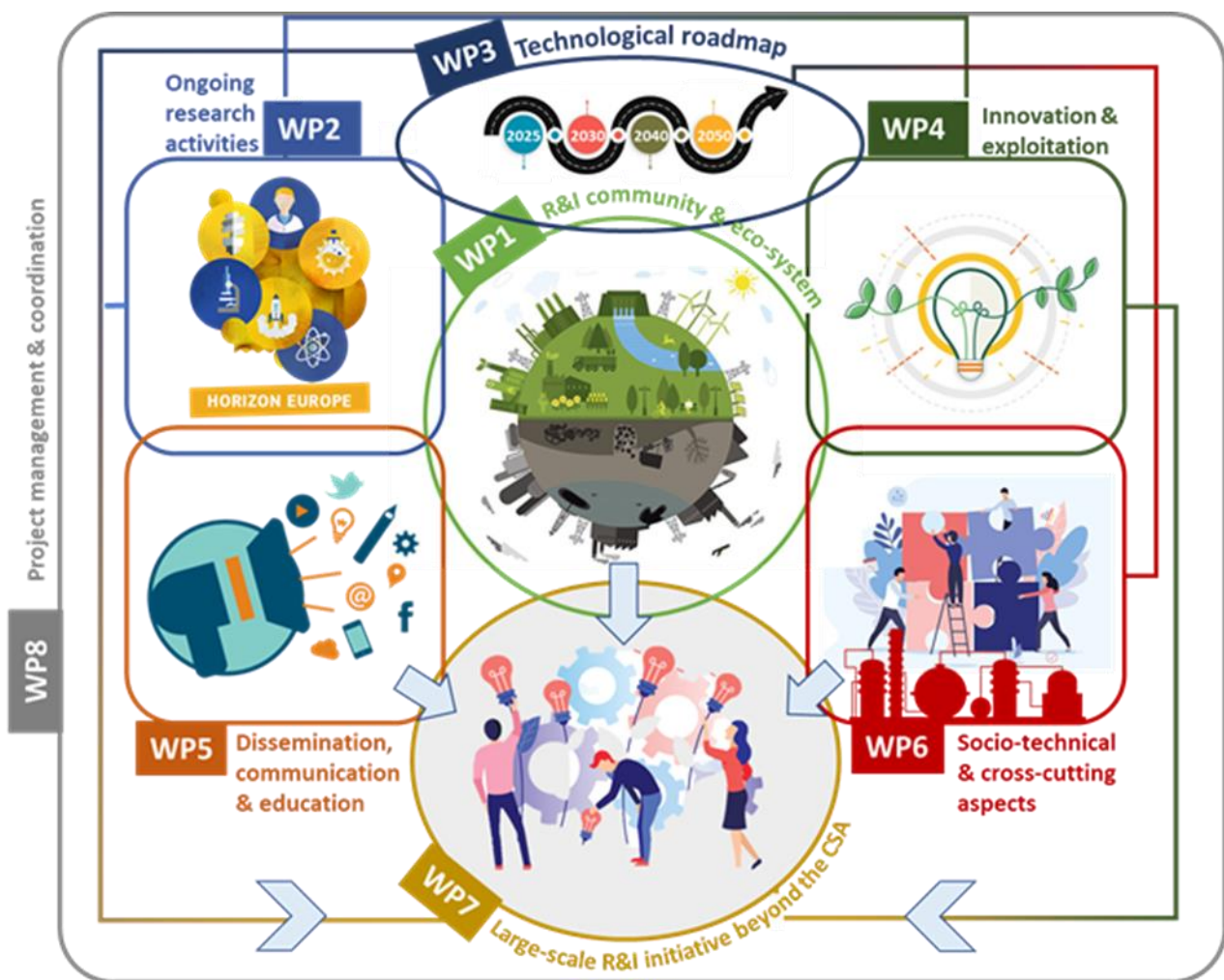


## D4. EXPLOITATION AND INNOVATION PLAN

initiative on fossil-free fuels and chemicals from renewable power and solar energy, with currently over 300 supporting organizations across and beyond Europe to date.

In Figure 1 is represented an overview of the work package structure of SUNER-C with its eight WPs. The deliverable D4.1 “Exploitation and Innovation Plan” is a deliverable of WP4 “Exploitation and Innovation”.

Please see here <https://sunergy-initiative.eu/suner-c-project/> for more information.



**Figure 1:** SUNER-C CSA project and its eight work packages. The Exploitation and Innovation Plan (D4.1) is a deliverable of WP4 “Exploitation and Innovation”

## 1.2. Purpose of the deliverable

This deliverable compiles and presents the strategies and activities regarding the Exploitation and Innovation plan for the SUNER-C project. It takes into account the preliminary information presented in the project proposal, which has since then been adapted according to the changing social, scientific and project execution conditions, as well as the activities already developed in the first months of the project.

In the present deliverable, the following topics are to be addressed:

- The strategy and implementation timeline for the exploitation and innovation activities;
- The key stakeholders to be targeted by the exploitation and innovation activities;
- The channels identified as strategic and adequate to achieve the intended impact in the multiple areas and target audiences of the project;
- The Key Performance Indicators (KPI) that will be used to assess the degree of penetration and success of the disclosed objectives;
- The exploitation philosophy for SUNER-C, focusing not only the global intended impacts for the project but also taking into consideration the individual expectations of the partners.

Given the particular nature of SUNER-C which constitutes a knowledge-driven initiative to a) foster interdisciplinary exchange and knowledge management; b) ensure a spread of S&T excellence across Europe; c) transfer results and ideas between relevant R&D EU and major national/international projects towards industrial implementation is, in itself, a manifestation of exploitation.

In fact, if the project succeeds in

- 1) Developing the currently scattered stakeholder landscape into a structured, inclusive pan-European innovation eco-system across fields, sectors and disciplines, enabling better cooperation between community members (>600 stakeholders) and coordination among RD&I projects (indic. 50 R&I projects) and initiatives, around a joint vision
- 2) Developing a broadly endorsed roadmap, based on identified R&I challenges, providing directions of the field for the period 2022-2050; this will enable focusing efforts and investments (public and private) in a coordinated way and prevent duplications, thereby speeding up innovation
- 3) Preparing a large-scale R&I initiative (LSRI) to tackle long-term research challenges.

then it has succeeded in its pivotal objective of developing an innovation eco-system, uniting science, business, societal and other relevant stakeholders around a common vision and technological roadmap, to accelerate the introduction of solar fuels and chemicals as key element towards the EU 2050 target of net-zero emissions.

### 1.3. Interconnection with other activities in the project

The exploitation and innovation activities are fully supported by a dedicated Work Package (WP4 – Exploitation and Innovation), but also these activities are horizontal in the project and are interrelated (Figure 1) with activities in WP2, WP5 (T5.2) regarding the organization of workshops and webinars and receive important input from WP6 regarding aspects of societal acceptance of new technologies which will shape the exploitation plan. This plan will be updated throughout the duration of the CSA according to findings on new opportunities for exploitation.

## 2. Communication Strategy

### 2.1 Goals and objectives

The main priorities of the SUNER-C Exploitation and Innovation Plan (EIP) are:

- To identify and pursue opportunities to disseminate and circulate information on the evolution of the project and its adherence to the overall objectives;
- To clearly identify channels, methods and messages to reach, engage and trigger exploitation of project results with relevant stakeholders.

### 2.2 Target audiences

The SUNER-C consortium shares the vision of disseminating the project results to their maximum visibility. This requires an extensive identification of all the different types of audiences thus maximizing the reach of message to be communicated and hence the attainment of the project's objectives.

Given the complexity of the technical results that will be generated throughout the project, it is pivotal to correctly segment the target audience in order to properly adjust the message and chose the adequate channels later on.

Table 1 summarizes the groups targeted by SUNER-C and how such targets will be reached.

**Table 1.** Identification of the multiple target groups of SUNER-C, the rationale for their identification and the activities planned.

<b>To Whom</b>	<b>Why?</b>	<b>How?</b>
Scientists	Research/academia: universities, RTOs, applied research centres, university/research platforms & associations are the prime candidates for adopting and using SUNER-C results	Scientific publications; datasets; interactive graphics; communications in conferences; website; newsletter
Industrial Players	Energy intensive industries are candidates for early adoption of SUNER-C results	Scientific publications; participation in exhibitions and conferences; website; newsletter
Other EU projects	There are several EU projects addressing solar fuels and chemicals, thus being within the scope of SUNER-C.	Co-organization of dissemination events; discussion between Assembly Generals in order to avoid duplication of efforts; website; newsletter
Policy-makers	The results generated in the framework of SUNER-C can be pivotal to guide public decisions for the Green Energy transition	Seminars; Technical workshops
Investors	Novel technologies will need boost from investors to reach the market	Targeted events to investors; Participation in exhibitions; website; newsletter
NGOs	NGOs can be ambassadors for the transformational technologies that SUNER-C will generate	Website, social media, general press, videos, newsletter
General public	SUNER-C results are of interest to the general public for their early engagement in Green Energy transition processes.	Website, social media, general press, videos, newsletter

## 3. Exploitation and Innovation Plan

### 3.1 Scientific Publications

Given the high degree of innovation involved in the framework of SUNER-C's activities, several scientific publications are expected to be produced and published. These publications intend to reach other scientists and contribute to the body of knowledge in the field.

The SUNER-C project's ideals are in full harmony with the Open Science philosophy and its inclusive framework of accessible science. In particular, we will ensure that:

- Scientific papers arising from SUNER-C results will be published in journals indexed at the Journal Citation Reports, of international circulation and with impact factor;
- Scientific papers are published under Open Access (OA) schemes, in harmony with EC guidelines;
- Other types of data may be published in technical publications or scientific meetings, such as conference proceedings, monographs, data dictionaries, compendia, among others;
- Code and associated data will be public, when possible respecting data protection issues;
- Early access to research results are available by publishing the outcomes as preprints in open repositories.

Whenever possible, "green" OA will be preferred, with full-text documents being made available at the project's website and other online channels, such as the Twitter/LinkedIn account and in the partners' own websites. Online repositories, such as ArXiv.org or preprints.org will be used for all publications.

### 3.2 Exploitation and Innovation activities

One of the major goals of SUNER-C is to enable better cooperation between community members (>600 stakeholders) and coordination among RD&I projects (indic. 50 R&I projects) and initiatives, around a joint vision. As so, the capacity to clearly communicate and disseminate its main results is, in itself, an exploitation of the knowledge produced. To this end, and aiming to contribute to strengthening the scientific profile of different players in Solar Fuels and Chemicals ecosystem, a number of activities (Workshops and Webinars) had been proposed in the project application. These activities are outlined in Table 2. Apart from these already planned initiatives, additional activities may be organized following the suggestions or



#### D4. EXPLOITATION AND INNOVATION PLAN

initiative of any partner. Table 2 highlights the actions that are tentatively planned at this moment. Every effort will be made to solicit and incorporate in these actions measures to increase the links between the academic world and the EU industry (e.g. by including specific sessions on how to valorise European R&D for the benefit of products and services offered by EU based companies). The table will be updated during the course of the project.



**Table 2.** *Type of activity planned, topic and expected date.*

<b>Type of action</b>	<b>Topic</b>	<b>Expected date</b>	<b>Venue/Location/ in parallel with other event</b>
Webinar	Large-scale solar fuels and chemicals projects for SUNER-C	M13 (16 June 2023)	Online
Webinar	To be decided based on project portfolio of WP2 (D2.1 at M18)	M17 (October 2024)	Online
Webinar	To be decided based on project portfolio of WP2 (D2.1 at M18)	M30 (Nov 2024)	Online
Webinar	To be decided based on project portfolio of WP2 (D2.1 at M18)	M36 (May 2025)	Online
Workshop (in person event)	Europacat SUNERGY session	M15 (Aug-Sep 2023)	Prague
Workshop (in person event)	Workshop organized along with SUNER-C consortium meeting and in collaboration with the planned WP7 LSRI/industrial workshop.	M20 (Jan-Feb 2024)	Utrecht or Brussels
Workshop (in person event)	Large assembly meeting to bridge research to industry, involving policy makers. Followed by a press conference.	M34-35 (Mar-Apr 2025)	Brussels
Workshop (in person event)	Solar fuels and chemicals industry beyond the EU: a joint workshop with MI/proposed UK solar chemicals network?	To be decided	To be decided
Workshop (in person event)	Start-up incubator/brokerage event. With policy makers. To inform start-ups on funding opportunities and policy makers on ongoing, concrete efforts from industry.	M34-35 (Mar-Apr 2025)	To be decided





### 3.3 Human resources capacity building

The ability to train, educate and engage future generations and young professionals on the concept and impact of solar fuels and chemicals as advanced in WP5 (Task 5.4) is also regarded by the consortium as a strategy to exploit project results by ensuring that a new generation of researchers are well versed in the new knowledge created. The use of SUNER-C's eco-system hubs will help increase outreach across the EU with a number of initiatives to this end, including:

- Short-term staff exchanges;
- PhD students exchanges;
- Invited lectures;
- Practical seminars;

In addition to its pedagogical value, these initiatives are also intended to serve the purpose of being effective links between the different members of the SUNER-C ecosystem and further strengthen their cooperation. In fact, these cooperative activities will not only be an effective tool for exchanging knowledge, skills and technical know-how, but also will act as opportunities to further commercial exploitation and innovation, especially in current times as the challenges of keeping experts and talented individuals in these topics in Europe are growing.

### 3.4 Synergies with European initiatives and platforms

The partners that compose SUNER-C are aware that true impact cannot be achieved without close contacts to other groups, projects and entities that share similar goals and overall objectives. For this reason, it is critical to identify key players in these fields and work in tandem in order to maximise impacts and, importantly, avoid overlapping efforts and resources. To this end, SUNER-C intends to reach out and, when possible, work together with a number of initiatives and platform at the national, European and international levels.

At the national level, this includes:

- National R&I networks dedicated to solar fuels and chemicals such as the french GDR (Groupement de Recherches) Solar fuels-CNRS, the UK Solar Fuels network, the Swedish Consortium for Artificial Photosynthesis ;
- Industrial national associations having interest in fossil-free fuels and chemicals such as the Czech Association of the Chemical Industry (Czech Republic), DECHEMA (Germany).

At the European level, the following ones are the most relevant:



## D4. EXPLOITATION AND INNOVATION PLAN

- European partnerships: Processes4Planet (focusing on fossil-free commodity chemicals for European process industries); the Clean Hydrogen Joint Undertaking, as green hydrogen is a key building block to produce sustainable fuels; the Clean Energy Transition Partnership (CETP), focused on the coordination of national strategic R&I agendas on different aspects of the energy transition and the Circular Bio-based Europe Joint Undertaking. To a lesser extent, contacting with the following European partnerships could also be considered: Clean Aviation Joint Undertaking and Zero-emission waterborne transport European Partnership.
- Other European initiatives and platform: CO2Value Europe, the Advanced Materials Initiative 2030 (AMI 2030), as materials are key enablers of efficient synthesis of renewable of fuels, through e.g. (bio)catalysts and materials for membranes; the European Raw Materials Alliance/EIT RawMaterials, the Renewable Low Carbon Fuels Industrial Alliance, the industrial efuel Alliance and the European Solar PV Industry Alliance.

At the International level, SUNERGY will mainly focus on the following platforms:

- Mission Innovation, in particular in the frame of the “Sunlight-to-X” Innovation Platform (which should be confirmed and launched in May 2023);
- The International Energy Agency (IEA) in particular with the IEA Technology Collaboration Programme on Hydrogen, one of the objectives being to establish a new task on low TRL “renewable hydrogen” and bridge with the Mission Innovation “Sunlight-to-X” innovation platform and the SOLARPACES activity within IEA.

Apart from the third parties presented, others may be added to the plan depending on the evolution of the work and our knowledge of other projects or entities that act in the field of interest of SUNER-C.

The cooperation with these third parties can take the form of:

- Shared datasets (when deemed possible following data protection assessment);
- Co-organized and co-chaired events such as seminars, workshops and lectures;
- Share of analytical tools developed in the progress of each party’s respective work;
- Mutual dissemination of each partners planned events, to increase the reach, awareness and participation.



### 3.5 SUNER-C international conference

In the last semester of the project, a final conference will be organized within the framework of the standard project meeting. This activity is intended to be a forum of knowledge exchange between all the partners, showcasing the results, methods and tools developed within the project. However, this final conference will also be an opportunity to interact with stakeholders external to the project, such as scientists, policymakers, citizens and health professionals. The conference will include communications from several partners, as well as international speakers of recognized expertise in the field.

### 3.6 Website

SUNER-C aims to have a solid online presence, not only by the means of its social media channels, but also *via* its website. Being a knowledge-driven project, it is important that this website is responsive and can be used as a source of reliable and evidence-based information.

In order to maximize reach and impact, the website activity will be periodically monitored with the use of tools such as Google Analytics, thus keeping track of relevant information such as the page's traffic and the sections to which visitors interact the most, these being also KPI as presented in Section 4.1.

The website will also serve as a repository of information for the consortium, where relevant files such as publications, lectures, expert documents and dissemination actions can be hosted for access by the partners or stakeholders, depending on the level of dissemination decided by the Coordination.

The website will feature the following capabilities:

- News on relevant topics or actions conducted by the network;
- Links to the project's social media accounts, e.g. on LinkedIn and Twitter;
- Events calendar;
- Documents intended to public dissemination, such as deliverables, guidelines, data dictionaries, etc.;
- Links to the SUNER-C repository of results (data, outputs, graphs).





## D4. EXPLOITATION AND INNOVATION PLAN



**Figure 2.** Homepage of the SUNER-C website

### 3.7 Social media

Like other initiatives, the consortium of SUNER-C recognizes the remarkable importance that social media plays nowadays, being a pivotal tool towards impact and reach in communication and dissemination activities. As so, the project identified social media (Table 3) as very relevant channels to achieve the project's dissemination goals.

**Table 3.** Social media accounts for SUNER-C and their access handles/links.

Social media	Link
Twitter	<a href="https://twitter.com/sunergy_eu">https://twitter.com/sunergy_eu</a>
Youtube	<a href="https://www.youtube.com/@sunergy5368">https://www.youtube.com/@sunergy5368</a>
Instagram	<a href="https://www.instagram.com/sunergy_eu/">https://www.instagram.com/sunergy_eu/</a>
LinkedIn	<a href="https://www.linkedin.com/company/sunergy-eu/">https://www.linkedin.com/company/sunergy-eu/</a>

Twitter will be used to communicate rapid and short messages which content are relevant to the project. It can be used for highlighting recent advances in the field of COVID19, to inform the public of recent publications of the network or to communicate the adherence of the project to its milestones. These tweets will frequently include a link towards the website, where full-fledged posts on the topics may be found.

A Youtube channel for SUNER-C has also been created. This platform will be used to make the project's videos available to the general public. These videos can include lectures by the network members, scientific presentations disseminated at specialized events such as congresses and scientific meetings or other instances in which the project produces video content for





## D4. EXPLOITATION AND INNOVATION PLAN

dissemination. SUNER-C will also have presence through LinkedIn to strengthen the impact of the project and to reach the widest possible audience.

### 3.8 Newsletter

SUNER-C will have a dynamic trimestral newsletter in order to reach its target audience and communicate impact. This activity will compile a set of news, press releases, job openings, project results and achievement of milestones related to the project. It will also have a dedicated section where upcoming events will be published in order to increase awareness and promote engagement. In order to increase the visibility of the website, each newsletter will be hosted directly in the website, being disseminated to the audience via an email with a link to the newsletter, as well as *via* the Twitter account. All partners will be asked to contribute to the newsletter with content every month.

## 4. Internal Coordination of Exploitation and Innovation Activities

The SUNER-C consortium, keeps track of all Exploitation and Innovation activities *via* a Matrix Structure with is managed by the WP4 Leader and is accessible to all member of the project's General Assembly (GA).

This document includes all relevant fields for each communication and dissemination activity and is summarized in Table 4.

**Table 4.** Matrix used internally by SUNER-C to track Exploitation and Innovation Activities

Type of action	Status	Responsible partner	Completion date	KPI
Type of Exploitation or Innovation action	Status of the activity (planned, ongoing, concluded)	Project partner(s) responsible for creating/conducting the activity	Date in which the activity was concluded	Indicators to assess level and success of the activity

This dynamic document is updated periodically and includes past and future actions and events, as planned by the GA.

For the purpose of communication and dissemination materials, the final decision will be made by the GA or, in case it is not possible to convene in due time, by the Coordinator, in writing.





## D4. EXPLOITATION AND INNOVATION PLAN

Each partner or substructure of the project will send its idea or suggestion for exploitation and innovation activity, identifying the message to be passed, the intended channel and target audience. After analysis, the WP4 Leader will make a suggestion to the GA or the Coordinator to either advance or halt the initiative. For simpler materials, such as news coverage or website posts, the WP4 Leader will decide independently.

In the case of scientific publications (original papers, congress proceedings, book chapters), the originating partner should communicate its intention to publish to the WP4 Leader by submitting a 1-page abstract with identification of the contributing partners.

The internal communication of the consortium takes place by email in a daily basis, with videoconference meetings being held when needed by the means of the Zoom platform. Internal documents for the network are organized in a Google Drive cloud and all partners have access.

### 4.1 Metrics and KPIs

For all activities involving exploitation and innovation, it is important to have tools to access the reach, success and status of each initiative. For these reasons, quantitative metrics should be used, so that the success of the initiative can be measured and, if necessary, adapted towards achieving project goals.

Table 5 summarizes the KPI to be used in each channel, as well as their quantitative targets throughout the project.

**Table 5.** KPIs and targets for each of the channels used for exploitation and innovation.

Channel	KPIs	Year 1	Year 3
Website (launched Nov 2022)	Number of visitors	1.500 unique visitors (300/month)	
Social media (LI, Twitter, Instagram)	Number of posts	36 LinkedIn, 53 Twitter. 13 Instagram	
	Number of followers/subscribers	1.972 followers (923 Twitter, 854 LinkedIn and 195 Instagram)	
Press releases	Number of press releases	3	
Newsletter	Number & Engagement of Newsletter	1920 subscribers 2 newsletters sent	
Scientific publications	Number of journal papers/ conference papers	N/A	



## D4. EXPLOITATION AND INNOVATION PLAN

Workshops/Seminars	Number of workshops/seminars organized	2 SUNER-C workshops/CEA event/National (FR) Event/SUNER-C events (General Assembly, Consortium Meetings)	
Events with other EU projects	Number of events co-organized with other EU projects or with the participation of SUNER-C partners	<i>t.b.d. at end of Year 1</i>	

In addition to partners' scientific publication a Vision Paper and an Op-ed paper in high level journal are planned.

### 4.2 List of Potential Key Exploitable Results

According to Horizon Europe, a result is defined as:

"Any tangible or intangible output of the action, such as data, knowledge and information whatever their form or nature, whether or not they can be protected, which are generated in the action as well as any attached rights, including intellectual property rights".

A Key Exploitable Result (KER) is an identified main interesting result (as defined above) which has been selected and prioritised due to its high potential to be "exploited" – meaning to make use and derive benefits- downstream the value chain of a product, process or solution, or act as an important input to policy, further research or education.

The SUNER-C partners will identify a list of potential KERs throughout the project and populate the following list using the following criteria:

- a) degree of innovation, b) exploitability and c) impact.

A preliminary list subject to revision as project proceeds is given in Table 6.

**Table 6.** Preliminary List of SUNER-C Key Exploitable Results.

<b>Description</b>	<b>Degree of Innovation</b>	<b>Exploitability</b>	<b>Impact</b>
Technological roadmap	Technical Innovation	Immediate and post-project by partners and stakeholders	Scientific
List of projects in portfolio	Technical Innovation	Immediate and post-project by partners and stakeholders	Scientific
Vision paper	Technical Innovation	Immediate and post-project by partners and stakeholders	Scientific and Social
Community mapping	Technical Innovation	Immediate and post-project by partners and stakeholders	Scientific and Social
SRIA	Technical Innovation	Immediate and post-project by partners and stakeholders	Scientific
Education platform	Technical Innovation	Immediate and post-project by partners and stakeholders	Scientific and Social
Data management plan template for LSRI/EU projects	Technical Innovation	Immediate and post-project by partners and stakeholders	Scientific and Economic





## 5. Conclusion

This document presents the consortium strategy for the exploitation and innovation plan of SUNER-C and it identifies the relevant project objectives, tools, channels and overall strategies.

This plan will be updated and adapted depending on the progress and evolution of the project and incorporating the feedback of the community and project office.

