



Horizon Europe Programme

HORIZON-WIDERA-2021-ACCESS-03



TWINNING TO SUSTAINABLE ENERGY TRANSITION

WP5: OUTREACH AND SUSTAINABILITY

DELIVERABLE 5.1- PLAN FOR COMMUNICATION, DISSEMINATION
AND EXPLOITATION ACTIVITIES (version 1)

GRANT AGREEMENT 101079246

STATUS: FINAL

PUBLIC



*This project has received funding from the European Research Executive Agency (REA) under
under grand agreement No 101079246.*

*The current document reflects only the author's view. REA is not responsible for any use that
may be made of the information it contains.*

Evina Gontikaki¹, Raof Gholami², Spyros Bellas¹, Emmanuel Stamatakis¹ & Tallarou Chrysoula¹

¹ Institute of Geoenergy/FORTH, Greece

² University of Stavanger, Norway

Author printed in bold is the contact person/corresponding author

HISTORY OF CHANGES

Version Number	Publication Date	Brief Description of changes
1.0	27.03.2023	First version
1.1	30.03.2023	Revision to address comments by UiS & IFPEN
1.2	31.03.2023	Final revision addressing comments by all authors
1.3	31.05.2023	Revision addressing comments by PO
1.4	14.09.2023	2 nd Revision addressing comments by PO

Table 1. Document Change Control

Table of Contents

HISTORY OF CHANGES.....	3
1. INTRODUCTION	6
1.1 Purpose and Scope of Communication, Dissemination and Exploitation Plan	6
2. OBJECTIVES	6
2.1 Why do we communicate? Description of Project	6
2.2 Who are we communicating to? Target Groups	7
2.3 What do we communicate? Target of CDE Plan	9
3. METHODS	11
3.1 How do we communicate and disseminate? Methods, Tools and KPIs	11
3.2 Project Website	14
3.3 News	15
3.4 Participants.....	16
3.5 Contact	16
4 PROCESS AND RECOMMENDATIONS.....	16
4.1 Current process & actions.....	16
4.1.1 Conferences:.....	16
4.1.2 MOOCs.....	18
4.1.3 Project Meetings.....	21
4.1.4 Bilateral meetings.....	23
4.1.5 Press Publications:.....	24
4.1.6 Workshops:.....	24
4.1.7 Partnership with other European Twinning projects (EPIBOOST Project):	25
5. Exploitation Strategy and plan	26
5.1 Recommended Actions Key Performance Indicators PROGRESS (KPIs).....	26
5.2 Monitoring and next 6- Month Plan	29
6. CONCLUSION.....	35
ANNEX 1- KOM MINUTES.....	36

Abbreviation used:

UiS	University of Stavanger
IFPEN	French Research Center IFP Energies Nouvelles
IG/FORTH	Institute of Geoenery - Foundation for Research and Technology Hellas
NCSR DEMOKRITOS	National Center for Scientific Research "Demokritos"
IFE	Institute for Energy Technology
TUC	Technical University of Crete
NTUA	National Technical University of Athens
AUEB	Athens University of Economics and Business, Greece
TWINN2SET	Twining to Sustainable Energy Transition
MOOCs	Massive Online Open Courses
CCSUS	Carbon Capture, Storage and Utilisation
CCS	Carbon Capture & Storage
UHS	Underground Hydrogen Storage
SET	Sustainable Energy Transition
EZT	EasyTrace Software
KOM	Kick-off meeting
AB	Advisory Board
PM	Project meeting
TG	Target Group

1. INTRODUCTION

1.1 Purpose and Scope of Communication, Dissemination and Exploitation Plan

The main purpose of the current report is to present the actions of TWINN2SET to embrace the public and maximize the impact of the program. Transfer of knowledge and exchange of thoughts, through publications, conferences, workshops and social media are also priorities of TWINN2SET. There are three main sectors in this plan:

- Communication
- Dissemination
- Exploitation

The term communication refers to all the possible actions that need to be taken in order to raise public awareness on issues related to the energy transition such as, Carbon Capture and Storage, Geothermal Energy and Hydrogen as a powerful energy vector. The aim of the Plan is to make the scientific aspect of all these technologies accessible to the non-specialist. Social media, such as Twitter, LinkedIn and the YouTube channel of the project, as tools for public engagement.

The term dissemination refers to the promotion of the project's results to the scientific community and includes among others, the transfer and exchange of technical and non-technical knowledge through Massive Online Courses (MOOCs), Summer Schools, Publications, workshops, conference participation etc.

The term exploitation refers to the use of results for commercial and societal reasons, including the promotion of technical knowledge of commercial interest and potential uptake of results from the industrial world.

This report also presents an analytical approach of the actions undertaken so far regarding TWINN2SET and those that will take place in a 6-month period.

2. OBJECTIVES

2.1 Why do we communicate? Description of Project

The TWINN2SET project aims to embrace the relationship between the three partners of the consortium, IG/FORTH, IFPEN and UiS and promote carbon capture and storage (CCS) technologies, underground hydrogen storage (UHS) and deep geothermal energy aspects. In order to achieve the climate neutrality goals according to the EU Climate Law, the development of technologies to reduce our carbon footprint and achieve a sustainable energy transition, is mandatory. IFPEN and UiS as experts in terms of energy transition, will help the IG/FORTH strengthen its scientific and technical expertise in the sectors of CCS, geothermal energy and UHS, with special focus on the training of PhD Students and young researchers through workshops,

MOOCs and short visits, joint peer-review publications and joint proposals to secure funding beyond TWINN2SET.

2.2 Who are we communicating to? Target Groups

The important issue of Energy Transition is a matter that concerns not only the scientific community but the public in general.

Specifically, this field is useful for:

- young researchers, PhD candidates and student from the Institute of Goenergy which is closely related to Technical University of Crete and National Technical University of Athens (NTUA). TG_1
- Industrial world for example (TITAN, CRETA FARM, CRETA PLASTICS etc.) TG_2
- Energy Communities TG_3
- Scientific Community in general TG_4
- Financial actors TG_5
- **The wider society** TG_6

DISSEMINATION		
Activity	What	Target
Transfer of Technical Knowledge	MOOCs on energy transition for master and PhD students Summer Schools Publication on peer-review journals (<i>Energies open access journal, International journal of Hydrogen energy</i>) Memberships at international associations (Hydrogen TCP, International Geothermal Alliance and European Geothermal Energy Council, Greek Hydrogen Association)	Audience 1 & 4
Transfer of non-research knowledge	Workshops on soft skills development (gendered aspects of energy transition, ethics, RRI, the economy of hydrogen, IPR protection)	Audience 1 & 4
Open access of Research results	Deposition of data collected from the research project on H2 geological storage and the training programme Publications at Open Research Europe Website/institutional repositories/Zenodo	Audience 1 & 4

Visibility of IG/FORTH	Joint participation at international scientific conferences such as the EU energy week, Hydrogen Review Days, etc	Audience 1,2,4 & 5
Diffusion of project results	Final conference Summer schools Fact sheets	Audience 1-5
Input to policy making	Policy briefs analyzing policy roadmaps for adoption of Renewable energies through geological storage and decarbonisation of demand sectors through CCS	Audience 2 & 5
Citizen engagement (energy communities in Crete)	Presentation of project results and advancement of knowledge for exploring preliminary ground for adoption of geological storage of energy & CCS of technologies.	Audience 3
EXPLOITATION		
Technical knowledge of commercial interest	IP tools. May arise from the cross team collaboration in staff exchanges	Audience 1
Potential uptake of results by heavy emitting industries and policy makers	Presentation of the projects research results and setting the ground for exploring the potential for technology adoption	Audience 2 & 5
COMMUNICATION		
Visibility of the project (incl. EU-level)	Website, social media (Twitter + LinkedIn), YouTube, development of visual identity and two videos (onset & end of the project), newsletters (6), factsheets	Audiences 1-5
Social engagement	Local press (blogging, interviews, articles), participation in local exhibition & fairs, Europe Direct events (Citizen dialogues on sustainable energy transition and the role of energy storage & geothermal energy in the green economy	Audience 6

	(Skills of the Green Economy) MSCA and Citizens (formerly Researcher nights)	
--	---	--

2.3 What do we communicate? Target of CDE Plan

In conclusion, the main aspect of the dissemination, communication and exploitation plan is to analyze the methods and steps needed to maximize the impact of TWINN2SET project and promote its results. The main target of the project is to acquire new knowledge on hydrogen storage, carbon capture and storage systems and geothermal energy and the promotion of this 'state-of-the-art knowledge' and the results related to this, are essential to this plan.

Summary –Key Element of the impact section

Specific needs

What are the specific needs that triggered this project?

- > mainstreaming sustainable energy transition at regional and national level
- > strengthening of the scientific and innovation excellence
- > train the future generation of scientists and future professionals
- > sustainable energy transition at system level approach

Expected results

What do you expect to generate by the end of the project?

- > acquisition of technical knowledge on suitable geological reservoirs and geothermal wells
- > identification/characterization of sustainable reservoirs and wells in Crete and beyond
- > increased knowledge on geological hydrogen
- > specifications for the establishment of a high-pressure high-temperature lab
- > novel algorithmic model modelling flows in porous media
- > methods for safe storage of CO₂ & H₂
- > master program between IG/FORTH -IFPEN

D & E & C Measures?

What dissemination exploitation and communication measures will you apply to the results?

- >Dissemination -> open access of the data collected

- >Dissemination towards the scientific community
- >Dissemination towards the industry & policy makers
- >Dissemination to policy makers
- >Communication towards citizens

Target groups

Who will use or further up-take the results of the project? Who will benefit from the results of the project?

- > Twinn2set scientist, young researcher and students
- >wider scientific community
- > financial actors
- >energy communities
- > region of Crete and policy makers
- > heavy emitting industries in Greece

The wider scientific community of the Island of Crete

Outcomes

What change do you expect to see after successful dissemination and exploitation of project results to the target groups?

- > Joint educational program
- > Joint case study

Impacts

What are the expected wider scientific, economic and societal effects of the project contributing to the expected impacts outlined in the respective destination in the work program?

- > scientific
- > economic
- >increased inflow
- >industrial competitiveness

3. METHODS

3.1 How do we communicate and disseminate? Methods, Tools and KPIs

The dissemination, communication and exploitation plan is included in Work Package 5 entitled outreach and sustainability. This plan will be updated during project implementation. The last version of this plan will be uploaded in M36, summarizing and evaluating the performed actions and propose new activities to be undertaken for at least 4 years after the end of the project.

Below we summarize the proposed methods and tools to promote communication, dissemination and exploitation activities of the TWINN2SET action.

Methods	Description	KPIs (overall)
1 st Round MOOCs (delivered by IFPEN school)	<ul style="list-style-type: none"> ○ Introduction to energy transition (1 week online) ○ Geothermal energy (2 weeks online and on-site on Oasis Montaj Software) ○ Underground gas storage (6 weeks-online and on-site workshops on EasyTrace, Petrel and Eclipse Software) ○ Subsurface gas systems (1 week) ○ Reservoir monitoring (1 week) 	15-20 participants 1 report ->D3.1 (2024) <ul style="list-style-type: none"> ○ 1 weeks ○ 2 weeks ○ 6 weeks ○ 1 weeks ○ 1 weeks
2 nd Round MOOCs (delivered by IFPEN school)	Targeted personalized coaching Potential topics: <ul style="list-style-type: none"> ○ Biomarkers analysis in sediments and rocks ○ Hydrates phase behavior in CCS operations ○ Isotopic analysis of organic mixtures in the subsurface - Gas systems & isotopic characterization ○ Geothermal systems (deep geothermal & hot dry rock) ○ Gold hydrogen (extracting golden hydrogen from depleted oil reserves by adding bacteria) ○ LOHC (liquid organic hydrogen carriers) – reversible hydrogenation / 	5 different topics per year (2024 & 2025)

	<p>dehydrogenation process, catalysts and methods</p> <ul style="list-style-type: none"> ○ Microbial processes in underground hydrogen storage 	
Summer Schools	<ul style="list-style-type: none"> ○ 5 days duration (1 in 2024 and 1 in 2025) in Chania 	<p>50 participants per year</p> <p>2 summer schools (1st on 2024 & 2nd 2025)</p>
Workshops	<ul style="list-style-type: none"> ○ Soft Skills <ul style="list-style-type: none"> -Gender aspects (2) -Open science with focus on the reproducibility of results/16-03-23 (2) -Responsible Research and Innovation (1) -Ethics (1) -Hydrogen economy, CCS and its value chain (1) ○ Enhancing Research Management and Administration Skills of IG/FORTH (5) ○ Citizen Engagement (3) ○ Non-academic actors about CCS H₂ storage and Geothermal energy (3) 	<p>10 participants-1 day duration</p> <ul style="list-style-type: none"> ○ Soft Skills (7 workshops) ○ Enhancing Research Management and Administration Skills of IG/FORTH (5) ○ Citizen Engagement (3 events) ○ Non-academic actors (3 workshops)
Field visits	<p>Three field visits in total, 2 in Greece for Geothermal energy and 1 in France (Dunkerque)</p>	<p>3 Field trips</p>
ESRs & PostDoc new positions	<p>ESRs & Post-Doc of TWINN2SET</p>	<p>1 ESRs & 1 Post-Doc</p>
Staff & Student exchange	<ul style="list-style-type: none"> ○ Experts visits in IG/FORTH ○ Erasmus+ program ○ Senior staff exchanges, research staff exchanges 	<p>Overall 6 staff exchanges of 10 persons (5 senior scientists for 5 days per visit plus 5 younger scientist for 15 days per</p>

		<p>visit), 2 per year for 3 years</p> <ul style="list-style-type: none"> ○ Expert visits (3-duration 2-3 days) ○ Staff exchanges 2-4 weeks ○ Research exchanges (2-3 days) <p>1 Erasmus program with a minimum of 2 months duration</p>
Social media	<ul style="list-style-type: none"> ○ 1 active LinkedIn page ○ 1 active Facebook page ○ 1 active YouTube page ○ 1 official website page (https://twinn2set.ig.forth.gr/) 	<p>LinkedIn page-> 1 post per month</p> <p>Facebook page-> 1 post per month</p> <p>Youtube site-> 1 video per year</p> <p>Official website-> 100 views per month</p>
Joint publications & Conference	<ul style="list-style-type: none"> ○ Journals with high impact factor ○ Conferences 	<ul style="list-style-type: none"> ○ Prepare 3 proposals between partners ○ Participate 1 conference per year for 1 person) ○ Final conference M35 with a minimum of 50 participants

Interaction with other Projects	Collaboration with sister-twinning projects	Twinning project (1)
Project partners	<ul style="list-style-type: none"> All project partners are committed to promote and communicate project outcomes and actions 	Link of TWINN2SET official page at every partner's website page (IG/FORTH, UiS & IFPEN)
Advisory Board	<ul style="list-style-type: none"> The Advisory Board of TWINN2SET project will advise the partners on the Communication, Dissemination and Exploitation Plan, review the project's progress and results and ensure gender equality is actively promoted throughout the project. 	<ul style="list-style-type: none"> 4 (overall) 2 reports Travel of AB -3 PM for 5 persons

It is important to emphasize here that those methods and tools are in practise "dynamic" and are constantly updated to satisfy project work program and needs.

3.2 Project Website

The TWINN2SET project website has been already secured within Institute of Geoenergy servers at the following address:

(<https://twinn2set.ig.forth.gr/>)

The website (Figure 1) has a clean home page with a few key facts to spark the interest of the visitor and six sections: project, partners, Activities, People, Recruitment and Events News.

This website is accessible by general public and includes everything related to TWINN2SET project.

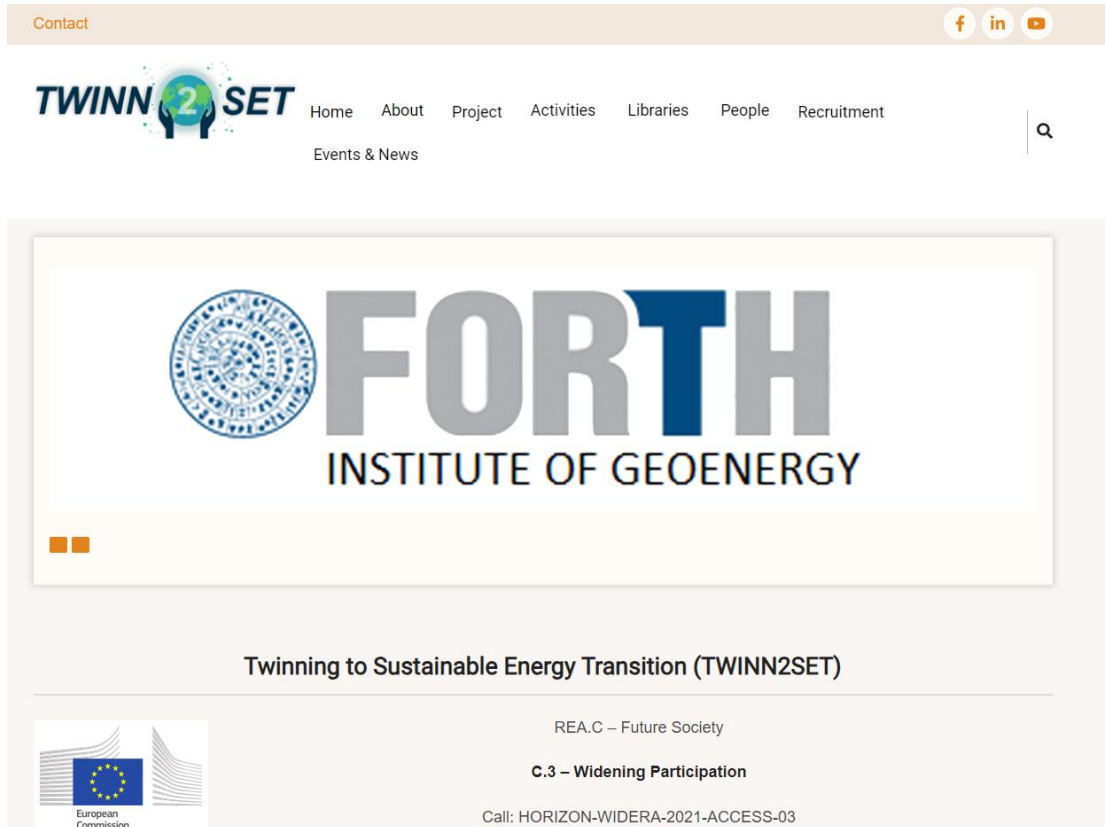


Figure 1 TWINN2SET website

3.3 News

News regarding TWINN2SET project are announced at the official website of the Institute of Geoenergy (Facebook) and LinkedIn page (<https://www.linkedin.com/in/institute-of-geoenergy-b18a39254/>) as shown in Figure 2 & 3.



Figure 2 MOOCs regarding TWINN2SET

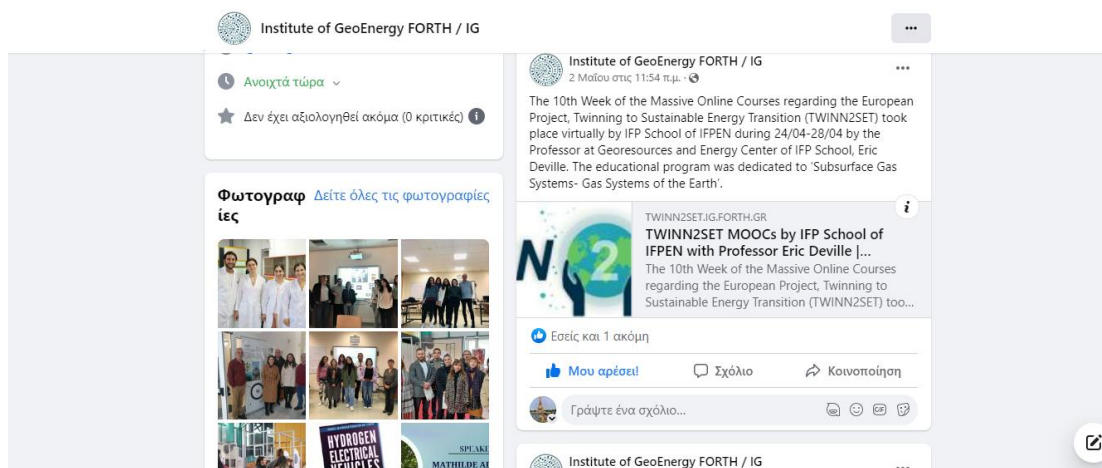


Figure 3 Facebook page of IG/FORTH

3.4 Participants

The consortium of the project consists of three partners IG-FORTH, UiS and IFPEN. All project partners are committed to promote and communicate project outcomes and actions through their standard communication and dissemination tools.

3.5 Contact

An e-mail address of TWINN2SET (twinn2set@ipr.forth.gr) has been created for whatever reason.

4 PROCESS AND RECOMMENDATIONS

4.1 Current process & actions

Several actions have been undertaken in the past months to promote the TWINN2SET project. A detailed list of actions for the communication and dissemination of the TWIIN2SET project can be found below:

4.1.1 Conferences:

13th FORTH Retreat 2022, Heraklion Crete, Greece, July 2022

- Emmanuel Stamatakis, Nikos Pasadakis, Spyros Bellas & Evina Gontikaki, "Hydrogen Storage in Geological Formations – The TWINN2SET project",

8th Balkans Energy Summit, Athens, Greece, 1st and 2nd of March 2023

- Participant from IG/FORTH: S. Bellas
- Presentation: CO2 & hydrogen Storage in Greece Energy Transition- Decarbonization (*Session 3*)

Panel discussion on: The time is now: Decarbonising oil and gas sector (photo below with Dr. N. Liapis, Director, Energy Projects in Hill International and K. Geropoulos, Director of Energy & Climate, Policy and Security at NE Global Media)



Energy Norway 2023: Subsurface for energy security and sustainability

- Participants from IG/FORTH: N. Pasadakis, S. Bellas, E. Stamatakis
- Participants from UiS, NPD & NCS 2030: A. Escalona, K.Mohn, R.Volla, G.Lille, T. Stordal, T.,R. Gholami, P. Andersen.

Project-related actions at Energy Norway 2023:

- 1 Participation in the Workshop (Day 1st, March 13th): Water Management Challenges (relevant to produced water, smart water, etc.)
- 2 Presentation by Principal Researcher S. Bellas at the Energy Norway 2023 (Day 3rd, March 15th): **Trapping the Gases: Exploration for Potential On- and Offshore Underground Geo-Storage Sites (CO₂, CH₄, H₂) in Greece; An Overview** (Authors, Spyridon Bellas, Emmanuel Stamatakis)
- 3 A panel discussion was followed the presentation with the other speakers of the Session 2 (Subsurface Storage Opportunities), Dr. Viktoriya Yarushina (IFE) and Prof. Sverre Planke (CEO of Volcanic Basin Energy Research, VBER).
- 4 Presentation at the Bilateral Meeting in framework of the Energy Norway 2023 (Day 4th, March 16th): **TWINN2SET: Research on geological underground storage of Hydrogen** (Author, presenter, Spyridon Bellas).

Day 4th, March 16th: **1st workshop on Open Science with focus on the reproducibility of results**, in order to exchange knowledge and best practises on energy transition among the participated scientists, to openly communicate the targets and results of the various research teams from Norway (NORCE, UiS), Brazil (UNICAMP) and Greece (FORTH/IG) and to try to find potential synergies
Attendees-> 6 persons from INTPART

3 persons from TWINN2SET

10 persons from SAC/NCS2030

Venue->UiS, Norway (detailed program in chapter 6. Workshops)

- 5 **Laboratories visit in NORCE and University of Stavanger, including the ULLRIGG Test Well site** (Day 5th, March 17th), for the building and developing new and innovative technical knowledge of the IG/FORTH.
- 6 For the complete **conference program** please see at the following link: [Energy Norway 2023 Subsurface for energy security and sustainability – Norsk Petroleumsforening \(npf.no\)](https://www.norskpetroleumforening.no/energy-norway-2023)



Figure 4 Norwegian Energy Week, 13-17/03/23

4.1.2 MOOCs

<u>Title of MOOCs</u>	<u>Date</u>	<u>Participants IG/FORTH, TUC & NTUA</u>
<p>Introduction to energy transition Prof. Jean Pierre Deflandre</p>	<p>14/11/22-18/11/22 (virtually)- 1 week</p>	<ol style="list-style-type: none"> 1. Spyros Bellas 2. Emmanuel Stamatakis 3. Evina Gontikaki 4. Ioannis Vakalas 5. Dimitris Marinakis 6. Vasilis Gaganis 7. Andreas Giotis 8. Stefanos Lebesis 9. Pooya Tooraji 10. Efsevia Fragkou 11. Georgia Charalampous 12. Vayianna Makri

		13. Chrysoula Tallarou 14. Dimosthenis Telemenis
Geothermal Systems Assistant Professor Mathilde Adelinet	09/01/23-13/01/23 (virtually) 16/01/23-20/01/23 (on-site, in Chania)- 2 weeks	1. Spyros Bellas 2. Emmanuel Stamatakis 3. Evina Gontikaki 4. Vakalas Ioannis 5. Stefanos Lebesis 6. Efsevia Fragkou 7. Georgia Charalampous 8. Vayianna Makri 9. Chrysoula Tallarou 10. Dimosthenis Telemenis 11. PooyaTooraji (virtually)
Underground gas storage 1st part Director of the Georesources and Energy Center at IFP School Fournier Frederique Associate Professor Lerat Olivier	13/02/23-17/02/23 & 20/02/23-24/02/23 (virtually)- 2 weeks	1. Spyros Bellas 2. Emmanuel Stamatakis 3. Evina Gontikaki 4. Vakalas Ioannis 5. Efsevia Fragkou 6. Georgia Charalampous 7. Vayianna Makri 8. Chrysoula Tallarou 9. Dimosthenis Telemenis 10. Pooya Tooraji (virtually)
Underground gas storage 2nd part Director of Georesources and Energy Center at IFP School Fournier Frederique (EZT)	06/03/23-11/03/23 (on-site, in Chania)- 1 week	1. Spyros Bellas 2. Emmanuel Stamatakis 3. Evina Gontikaki 4. Ioannis Vakalas 5. Efsevia Fragkou 6. Georgia Charalampous 7. Vayianna Makri 8. Chrysoula Tallarou 9. Dimosthenis Telemenis 10. 1Pooya Tooraji (virtually)

<p>Underground gas storage 3rd part</p> <p>Associate Professor Lerat Olivier</p>	<p>20/03/23-24/03/23 (on-site, in Chania)- 1 week</p>	<ol style="list-style-type: none"> 1. Spyros Bellas 2. Emmanuel Stamatakis 3. Evina Gontikaki 4. Efsevia Fragkou 5. Georgia Charalampous 6. Jenny Koutra (virtually) 7. Vayianna Makri 8. Chrysoula Tallarou 9. Dimosthenis Telemenis 10. Pooya Tooraji (virtually)
<p>Underground gas storage 4th part</p> <p>Senior Researcher and Project Manager Douarche Frederique</p>	<p>27/03/23-07/04/23 (on-site, in Chania)- 2 weeks</p>	<ol style="list-style-type: none"> 1. Spyros Bellas 2. Emmanuel Stamatakis 3. Evina Gontikaki 4. Ioannis Vakalas 5. Efsevia Fragkou 6. Georgia Charalampous 7. Vayianna Makri 8. Chrysoula Tallarou 9. Dimosthenis Telemenis 10. Pooya Tooraji (virtually)



WHAT TO PREPARE?

- concise summary
- Principle of a life cycle assessment ?
- What examples of geothermal context did the authors take?
- PROS and CONS of geothermal energy

Figure 5 MOOCs, Geothermal Energy (Oasis Montaj), Underground Storage (EasyTrace, Petrel)

4.1.3 Project Meetings

- 1st Project Meeting (kick-off)/ 26 Participants (online&on-site)

It took place at FORTH/IG premises in Chania, Crete during 02/10/2022-04/10/2022 (see Annex 1 for more details)



Figure 6 First Kick-off meeting of TWINN2SET

- 1st technical meeting (UiS, Norway) 16/03/2023 (UiS, FORTH/IG)

The 1st technical project meeting between FORTH/IG and UiS was held by UiS in Stavanger, Norway during 16-17/03/2023 with the presence of the following persons:

Nikos Pasadakis (FORTH/IG)

Emmanuel Stamatakis (FORTH/IG)

Spyros Bellas (FORTH/IG)

Alejandro Escalona Varela (UiS)

Raouf Gholami (UiS)

Xiaoan Zhong (UiS)

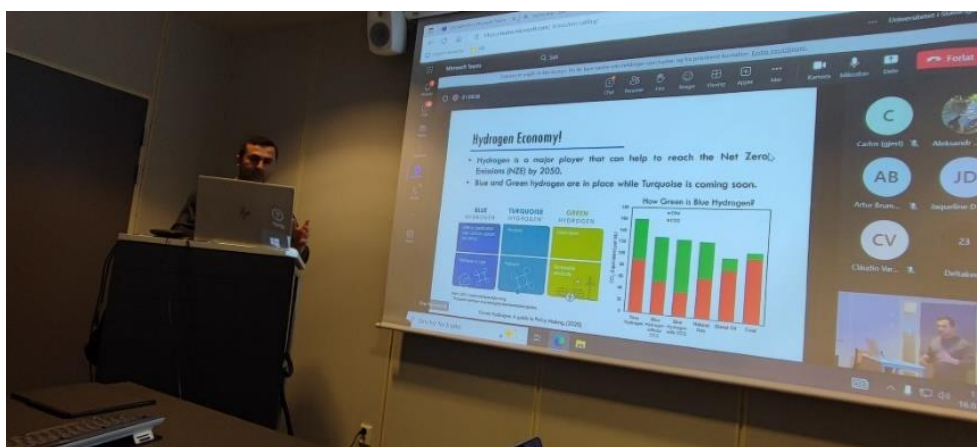


Figure 7-First technical meeting, UiS 16/03/23

On 16th of March 2023, the technical project meeting started in the morning with the aim to discuss the research part of the project. The meeting was followed by a joint presentation session among TWINN2SET & UNEEC (The role of Universities in building Innovation and Entrepreneurship Ecosystems), projects that UiS is participating. The aim was the exchange of knowledge & best practices among the two consortia and to identify potential synergies.

On the 17th of March 2023, targeted lab visits where, contacted as follows:

- 8:45 Registration and coffee at NORCE
- 9:00 Short presentation of Ullrigg Test Centre and Subsurface flow Laboratory in the cantine
- 9:10 Group 1 to Ullrigg Test Centre and group 2 to Subsurface flow Laboratory
- 10:10 Group 2 to Ullrigg Test Centre and group 1 to Subsurface flow Laboratory
- 11:10 Walk to UiS
- 12:15 Lab tour at UiS (E-359 lab, Computer (Gulffaks), Rock mechanics lab, Goethermal lab, Geopolymer E168, SEM).

4.1.4 Bilateral meetings

Date / Place	Participants	Meeting scope & outcome
16/12/2022 (telco)	Raof Gholami, Elena Sikveland (UiS, Norway), Bruno Garcia (IFPEN, France), Ioannis Vakalas (NTUA, Greece), Nikolaos Pasadakis, Emmanuel Stamatakis, Spyros Bellas, Chrysoula Tallarou (FORTH/IG)	Meeting and discussion on future plans for a PhD and a PostDoc position within the framework of the project. It was decided the supervision of the new PhD student by Asst. Prof. I. Vakalas.
10/3/2023 (Oslo, Norway)	Jiri Muller (Special Advisor, IFE) & Emmanuel Stamatakis (FORTH/IG)	Bilateral meeting to communicate TWINN2SET scope & objectives and to discuss potential synergies between the 2 Institutions; Dr. Jiri Muller also accepted the invitation to join the Advisor Board of the project.
24/3/2023 (telco)	Giorgos Kalantzopoulos, Sissel Opsahl Viig, Mario Silva (IFE, Norway) & Nikos Pasadakis, Emmanuel Stamatakis, Spyros Bellas, Evina Gontikaki (FORTH/IG)	Follow-up meeting to further exploit synergies between FORTH/IG & IFE
27/3/2023 (telco)	Juan Soto (Bureau of Economic Geology, The University of Texas at Austin, USA & Granada University, Spain) & Emmanuel Stamatakis, Spyros Bellas (IG/FORTH)	Bilateral meeting to discuss opportunities for collaboration and knowledge transfer on Salt bodies tectonics relevant to potential locations for Hydrogen Storage in Greece.

4.1.5 Press Publications:

Below are attached some of the announcements published in terms of the Institute of Geoenergy and in topics connected to the TWINN2SET project in different Greek websites.

- <https://www.haniotika-nea.gr/imerida-institoytoy-geoenergeias-toy-ite-sta-kania/>
- <https://www.thermoydravlikos.gr/stis-3-oktovrioy-sta-kania-i-imerida-toy-ite-gia-tis-koinonikes-epiptoseis-tis-energeiakis-metavasis/>
- <https://www.newsbeast.gr/greece/arthro/9021633/isotita-ton-fylon-dikaiosyni-kai-energeiaki-metavasi>

4.1.6 Workshops:

- 1st workshop on Gender aspects taking place in Chania on the premises of Technical University of Crete, Greece (see more details in Annex 1)

Detailed program of the workshop (Monday 03/10/22):

15:30-15:50: Welcome and Introduction to the workshop series, Prof. R.Gholami, UiS

15:50-16:30: Section 1: Empowering Women, Prof. Vasiliki Geropanta, Chair of the TUC Gender Equality Committee, Dr. Maria Klapa, Chair of the FORTH Gender Equality Committee

16:30-17:30: Section 2: Energy Future and Women Leadership, Prof. Sofia Stamataki, President of the FORTH/IG Scientific Committee, Dr. Evi Batra, President of the Association of Greek Women Scientist

17:30-18:30: Section 3: Young Women in Energy Sector, Prof. Dora Luz Marin Restrepo, University of Stavanger, Mrs. Vayanna Makri & Mrs Chrysoula Tallarou FORTH/IG ESRs

18:30-19:00: Summing up-end of workshop 1

- 1st workshop on Open science with focus on the reproducibility of results taking place in Norway on the premises of University of Stavanger-UiS

Detailed program of the workshop (Thursday 16/03/23):

09:00 – 12:00: Project seminars

- INTPART project seminar (hybrid) in room C-334 (<https://www.uis.no/en/research/intpart-brazil-norway-research-education-and-competence-transfer>)
- TWINN2SET project seminar in room D-303
- Scientific Advisory Committee of the National Centre for Sustainable Subsurface Utilization of the Norwegian Continental Shelf (SAC/NCS2030) discussions in room E-306

12:00 – 13:00: Lunch "taco buffet"

13:00 – 16:00: Presentations by INTPART, TWINN2SET, NCS2030:

Presentations by PhD-students, postdocs and researchers from NCS2030, Twinn2Set and INTPART-Unicamp, analytically:

- 13:00 Welcome by Tina Puntervold (UiS)

- 13:05 Anaëlle Guillevic (UiS) - "Geothermal energy potential of the Norwegian North Sea: a regional to field-scale evaluation"
- 13:20 Natan Augusto Vieira Bulgarelli – (INTPART- Unicamp) – “Production Optimization: Artificial Lift and Flow Assurance”
- 13:35 Wendpanga Jean Donald Minougou (UiS) – “Underground Hydrogen Storage in Caverns: on the Challenges of Impure Salt Structure” presented by Raouf Gholami (UiS)
- 13:50 Spyridon Bellas (FORTH – Greece) - “TWINN2SET: Research on geological underground storage of Hydrogen”
- 14:05 Jungwon Seo (NCS2030) – “Federated Knowledge Cloud and Enabling Data and AI Sharing”
- 14:20 Break (25 mins)
- 14:45 Leticia Bizarre – (INTPART-Unicamp) – “Fundamental research on the mechanisms involved in the wax deposition”
- 15:00 Daniele Blancone (UiS) - "Characterization and modelling of salt internal deformation for the future energy mix"
- 15:15 Hilde Halsøy – (NCS2030) – “CO₂-foam for mobility control, EOR and storage”
- 15:30 Mojtaba Ghaedi (UiS) - “Hydrogen Diffusion into Caprock” presented by Pål Andersen (UiS)
- 15:45 Final questions/discussion
- 16:00 End

4.1.7 Partnership with other European Twinning projects (EPIBOOST Project):

- 1st meeting on 05/04/23 of the Focus Group

The main aspect of this group is the elaboration of a Good Practices guide on the management of Twinning CSAs and collaboration between twinning project in co-authoring the guide or in re-evaluating your level of involvement in the Focus Group after the first meeting.

5. EXPLOITATION STRATEGY AND PLAN

5.1 RECOMMENDED ACTIONS KEY PERFORMANCE INDICATORS PROGRESS (KPIs)

Methods	KPIs (overall)	KPIs (until now)	KPIs (Degree of Completion & Short-term plan)
MOOCs (delivered by IFPEN school)	<p>15-20 participants per year</p> <p>1 report ->D3.1 (2024)</p> <p>One rounds of 11 courses</p> <p>Plan: Sept-June</p>	<p>Online->maximum of 14 participants</p> <p>On-site->maximum of 7 participants (online)</p> <p>The first round of the 11th week MOOCs was completed on 23/06/23</p> <p>One round of 11 courses will be offered through the project.</p>	<p>Expand the potential of attendance not only to the IG/FORTH members but in general public</p> <p>Modify the index of MOOCs for next year-change to a different model of educational activities (ono-to-one mentoring/coaching)</p> <p>Status: 1st round completed</p>
Summer Schools	<p>50 participants per year</p> <p>2 summer schools</p> <p>Plan: 1st on 2024 & 2nd 2025</p>	<p>The first summer school is being organized for 2024.</p>	<p>It is organized for next year-2024 and will take place either in Athens or in Chania at the premises of IG/FORTH, with sponsorship.</p> <p>Status: ongoing</p>
Workshops	<p>10 participants-1 day duration</p> <p>Soft Skills (7 workshops)</p> <p>Enhancing the Research Mangement and Administration Skills of IG/FORTH (5)</p> <p>Citizen Engagement (3 events)</p> <p>Non-academic actors (3 workshops)</p>	<p>1 Workshop in gender aspects took place in Chania, 03/10/22</p> <p>1 Workshop in Open Science took place in Norway, 16/03/23 during the Norwegian Energy Week</p>	<p>1 Workshop on gender aspects was meant to take place in October and indeed took place on 03/10/22</p> <p>On March the 2nd a workshop in Open science took place in Norway</p> <p>1 Workshop is about to take place during the 2nd project meeting in</p>

			<p>September regarding Enhancing research management</p> <p>During the 2nd Project meeting one event regarding the citizen engagement will also take place on 28th of September for the 40 years Anniversary celebration of FORTH</p> <p>Status: ongoing</p>
Field visits	Three field visits in total, 2 in Greece for Geothermal energy and 1 in France (Dunkerque)		1 st field trip is organized in September 2023 during the 2 nd project meeting that will take place in Chania at the premises of IG/FORTH
ESRs & PostDoc new positions	1 ESRs & 1 Post-Doc position	<p>final decision May 2023 for ESRs</p> <p>Ongoing process for Post-Doc position</p>	<p>1 ESR- Ali Toorajipour (Petroleum Engineer), start date, on-site: September 2023 due to bureaucracy</p> <p>1 Post-Doc, (finalize in October 2023)</p>
Staff & Student exchange	<p>Overall: 6 staff exchanges of 10 persons (5 senior scientists for 5 days per visit plus 5 younger scientist for 15 days per visit), 2 per year for 3 years</p> <p>Expert visits (3-duration 2-3 days)</p> <p>Staff exchanges 2-4 weeks</p> <p>Research exchanges (2-3 days)</p>	<p>-3 senior scientists visit UiS for 1 week, during the Norwegian Energy Week in March 2023</p> <p>-1 ESR in UiS for 2 weeks in May 2023</p> <p>-1 ESR in IFPEN for 2 weeks in July 2023</p>	<p>5 members of IG/FORTH have already visited UiS (Senior scientists & ESR), during the 1st year of TWINN2ET.</p> <p>Status: ongoing</p>
Social media	Develop Website, social media (Twitter+LinkedIn),	-LinkedIn page with up to 55 likes and plenty	Construction of YouTube channel and

	<p>Youtube, visual identity and two videos (onset & end of the project, newsletters, factsheets, collaboration with Europe Direct, local press and participation at local events</p>	<p>of reposts and comments from internal and external members</p> <p>(https://www.linkedin.com/in/institute-of-geoenergy-b18a39254/)</p> <p>-Website of TWINN2SET</p> <p>(https://twinn2set.ig.forth.gr/)</p> <p>-Facebook page:</p> <p>https://www.facebook.com/ig.forth</p> <p>-e-mail address of TWINN2SET:</p> <p>twinn2set@ipr.forth.gr</p>	<p>Twitter account and check the views on Facebook,LinkedIn, Twitter, website every month and on Youtube page every year</p>
<p>Joint publications & Conference</p>	<p>Prepare 3 proposals between partners</p> <p>Three publications per year to peer reviewed journals with > 3 impact, in total 9, representing 50% increase from the current status</p> <p>Participate 1 conference per year for 1 person)</p> <p>Final conference M35 with a limit of 50 participants</p>	<p>Publications:</p> <p>https://www.haniotika-nea.gr/imerida-institoytoy-geoenergeias-toy-ite-sta-kania/</p> <p>https://www.thermoydravlikos.gr/stis-3-oktovrioy-sta-kania-imerida-toy-ite-gia-tis-koinonikes-epiptoseis-tis-energeiakis-metavasis/</p> <p>https://www.newsbeast.gr/greece/arthro/9021633/isotita-ton-fylon-dikaiosyni-kai-energeiaki-metavasi</p>	<p>Status: ongoing</p>

		<p>Participate at the following conferences:</p> <ul style="list-style-type: none"> -13 FORTH Retreat in July 2022 -8th Balkan Energy Summit, Athens in March 2023 -Norwegian Energy Week in March 2023 - <p>https://hydrogen.pro.me.gr/</p> <ul style="list-style-type: none"> -Hydrogen and Green Gases Forum: Attendance at 1st Hydrogen & Green Gases Forum coordinator as TWINN2SET Ambassador, 23.06.23 	
Advisory Board	<p>4 (overall)</p> <p>2 reports</p> <p>Travel of AB -3 PM for 5 persons</p>	<p>-1 PM in Chania in October 2022</p>	Status: ongoing

5.2 Monitoring and next 6- Month Plan

According to the program of TWINN2SET for the next months, 5 **visits** of IG/FORTH PhD students were scheduled. Specifically, the PhD Student of TWINN2SET will visit the University of Stavanger. Also, one visit of a PhD Student of FORTH/IG at IFPEN and one internship of a PhD Student of FORTH/IG at UiS were fulfilled. The participants will learn new techniques and visit laboratory premises in order to delve into the main objective of the project. The main objective of this visits is to train the young researchers in new technologies and workflows which will be very useful for the characterization of the subsurface in connection with energy transition.

=>An 11th weeks program of MOOCs took place and fulfilled successfully with high impact of trained people

=> Modify the index of MOOCs for next year-change to a different model of educational activities (ono-to-one mentoring/coaching)

=>A **YouTube page** will be created in order to promote actions related to the project, videos, interviews, conferences presentations and workshops open in public access.

=>Promotion material such as **brochures, posters and banners** will be available. A general overview of the project with the logo and the partners of the project will be displayed.

=>The **first round of MOOCs** is completed and the outcomes of the first Massive Online Courses will be discussed during the Project Meeting in September 2023, in Chania.

=>**Field visits (Start date M9), laboratory experimental study** and participation at **conferences** related to the energy transition are main scopes of the upcoming 6-months.

=>Another **project meeting** will take place and will be combined with the first field trip to a site of geological and geothermal interest in **Chania, Crete between 25-29/09/23**.

=>**Workshops** organized in the next 6-month period is also a priority of the project (Responsible Research and Innovation, Open Science on the Focus on the Reproducibility of results).

=>**Workshop** related to Research Management and Administration Skills will take place in Chania, Crete on 28/09/23.

=>**Workshop** related to Open science and open lab visits will also take place in Chania, Crete on 29/09/23.

=>In the following months press releases are organized in order to promote the dissemination of the project and the first possible results of the survey.

=>Finally, 1 **summer school** focusing on energy transition general aspect and underground storage technologies will be organized next year.

=> Participate at the **1st Hydrogen & Green Gases Forum** in Athens on June 23rd where the **coordinator** of the project will present the targets and the first outcome of the project and will act as an **TWINN2SET Ambassador**.

=>The result of this partnership will be the co-authoring of a good practise guide on the management of widening projects.

In general, for the next 6-months the **promotion** and **dissemination** of the project via websites, press and social media are main goal of the plan.



Figure 8 Actions undertaken in order to promote the dissemination & communication plan during the next months

The following Gantt chart summarises the next 6-month dissemination plan of the project, incl. deliverables & milestones to be achieved.

DELIVERABLE D5.1



	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
TWINN2SET																
Project management and coordination																
PSC meetings		IG											IG			
Technical meetings		IG		IG			UIS						IG			
Advisory Board meetings		MS1.1														
ESRs & Postdoc new positions	Announcement	Application submission							Final decision for ESRs position							
Dleiverables			D2.1				D1.2, D5.1								D5.5	
MOOCs			1		2, 3	4, 5	6, 7, 8	9, 10			11					
Mobility schemes																
FORTH/IG senior staff exchange; 5 persons (1 week)							UIS						UIS			
FORTH/IG ESRs exchange; 5 persons (2 weeks)								UIS			IFPEN		UIS			
co supervision																
Expert visits of advanced parters																
KNOWLEDGE TRANSFER																
Online MOOCs																
"Master 2" Programme																
Field trips to sites of geological interest													GREECE			
Workshop series																
Responsible Research and Innovation Open science with focus on the reproducibility of results							UIS?						UIS			
Gender dimension		IG														
Hydrogen economy, CCS and its value chain							UIS?									
Ethics Strategic approach of mapping funding opportunities, ...																
IPR Management , entrepreneurial issues, ...													IFPEN			
Citizen Engagement																
Summer Schools																
Visibility, Networking & Sustainability																
Conference attendance																
Joint research publications																
Specifications for a new laboratory for IG																
Formulation of a joint research strategy																
Final Conference																

DELIVERABLE D5.1



	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24
	16	17	18	19	20	21	22	23	24	25	26	27
TWINN2SET												
Project management and coordination												
PSC meetings									IG			
Technical meetings		IFPEN							IG			
Advisory Board meetings		IFPEN										
ESRs & Postdoc new positions												
Dleiverables		D1.5, D2.2	D1.3, D3.3, D5.2							D3.1, D3.2		
MOOCs												
Mobility schemes												
FORTH/IG senior staff exchange; 5 persons (1 week)		IFPEN							IFPEN			
FORTH/IG ESRs exchange; 5 persons (2 weeks)		IFPEN							IFPEN			
co supervision												
Expert visits of advanced parts												
KNOWLEDGE TRANSFER												
Online MOOCs												
"Master 2" Programme												
Field trips to sites of geological interest							GREECE		FRANCE			
Workshop series												
Responsible Research and Innovation Open science with focus on the reproducibility of results												
Gender dimension												
Hydrogen economy, CCS and its value chain												
Ethics Strategic approach of mapping funding opportunities, ...		IFPEN							IFPEN			
IPR Management, entrepreneurial issues, ...									IFPEN			
Citizen Engagement												
Summer Schools							IG					
Visibility, Networking & Sustainability												
Conference attendance												
Joint research publications												
Specifications for a new laboratory for IG												
Formulation of a joint research strategy												
Final Conference												

DELIVERABLE D5.1



	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25
	28	29	30	31	32	33	34	35	36
TWINN2SET									
Project management and coordination									
PSC meetings									IG
Technical meetings		IFPEN							IG
Advisory Board meetings									
ESRs & Postdoc new positions									
Deliverables			D3.4, D4.1, D4.2					D5.4	D1.1, D1.4, D2.3, D2.4, D2.5, D4.3, D5.3
MOOCs									
Mobility schemes									
FORTH/IG senior staff exchange; 5 persons (1 week)		IFPEN				UIS			
FORTH/IG ESRs exchange; 5 persons (2 weeks)		IFPEN				UIS			
co supervision									
Expert visits of advanced partners									
KNOWLEDGE TRANSFER									
Online MOOCs									
"Master 2" Programme									
Field trips to sites of geological interest									
Workshop series									
Responsible Research and Innovation Open science with focus on the reproducibility of results						UIS			
Gender dimension									IG
Hydrogen economy, CCS and its value chain									
Ethics Strategic approach of mapping funding opportunities, ...		IFPEN				UIS			
IPR Management, entrepreneurial issues, ...		IFPEN							
Citizen Engagement									IG
Summer Schools							IG		
Visibility, Networking & Sustainability									
Conference attendance									
Joint research publications									
Specifications for a new laboratory for IG									
Formulation of a joint research strategy									
Final Conference									IG

6. CONCLUSION

The partners of the consortium will promote the basic principles of TWINN2SET which are CCUS, geothermal energy and hydrogen storage technologies. Massive Online Courses organized by IFPEN will help the participant delve into aspects of the energy transition field, especially strengthen expertise of IG/FORTH staff and students.

In addition, workshops on soft skills and gender aspects will increase the extroversion of the project to the public. Summer schools focusing on underground gas storage and energy transition techniques also follows the plan of dissemination and communication of TWINN2SET.

Finally, staff and student exchanges will help the transfer and exchange of knowledge between the partners. The main focus on the exchanges will be the analysis of geological data for hydrogen storage, geothermal systems and underground formations for carbon dioxide storage.

ANNEX 1- KOM MINUTES

MINUTES


Date: 02/10/2022 – 04/10/2022

STATUS: FINAL [APPROVED]



venue: FORTH/IG – CHANIA, Greece

MEETING	Kick Off Project Meeting
 <p data-bbox="316 1682 603 1771">ATTENDANT LIST (physical)</p>	<p data-bbox="855 1167 1310 2018"> Nikos Pasadakis (FORTH/IG) Emmanuel Stamatakis (FORTH/IG) Spyros Bellas (FORTH/IG) Evina Gontikaki (FORTH/IG) Marina Tsouchlaraki (FORTH/IG) Sofia Stamataki (FORTH/IG) Vasilis Gaganis (FORTH/IG) Andreas Giotis (FORTH/IG) Eleni Chamilaki (FORTH/IG) Tasos Lambropoulos (FORTH/IG) Chrysoula Tallarou (FORTH/IG) Konstantina Selekou (FORTH/IG) Georgia Charalampous (FORTH/IG) Alejandro Escalona Varela (UiS) Dora Luz Marin Restrepo (Uis) Raooof Gholami (UiS) </p>

	<p>Frédérique Fournier (IFPEN) Simon Poirier (IFPEN) Mathilde Adelinet (IFPEN) Jon Gluyas (Advisory Board) Vasiliki Kalodimou (PRAXI Network) Maria Klapa (FORTH GEC)</p>
 <p style="text-align: center;">ATTENDANT LIST (online)</p>	<p>Olga Visika-Kavvadias (IFPEN) Bruno Garcia (IFPEN) Katerina Pramataris (Advisory Board) Dimitrios Hatzignatiou (Advisory Board)</p>

AGENDA Day 1 – Sunday October 2nd

19:30 – 20.00: **Welcome to Chania and to the TWINN2SET**

Kick Off Meeting

N. Pasadakis, Director FORTH/IG &

E. Stamatakis, project Coordinator

20.00 – 22.00: **Ice breaker – Dinner** ([Glossitses](#))

Day 2 – Monday October 3rd

9:30 – 09.45: *Welcome Coffee*

09.45 – 09.50: **Project Kick Start**; *Mrs. Paula Valente Correia, REA/EC*

09.50 – 10.20: **The TWINN2SET project overview** - Presentation of all partner representatives and a short introduction;
ALL

10.20 – 11:30: **The TWINNING action (incl. WP 1: PROJECT MANAGEMENT) & the main HORIZON EUROPE “rules”**; *E. Stamatakis, FORTH/IG & Vasiliki Kalodimou, PRAXI Network*

11:30 – 11.45: *Coffee Break*

11:45 – 14:00: **Technical WP presentations**

WP 2: BUILDING RESEARCH EXCELLENCE OF THE IG/FORTH; *Raouf Gholami, UiS*

WP 3: TRAINING, DEVELOPMENT OF SOFT SKILLS & VISIBILITY; *Frédérique Fournier, IFPEN*

WP 4: TWINN2SET RESEARCH PART (short intro); *Spyros Bellas, FORTH/IG*

WP 5: OUTREACH & SUSTAINABILITY; *Evina Gontikaki, FORTH/IG*

14:00 – 15.20: *Break - networking*

15:30 – 19.00: **1st TWINN2SET Workshop on Gender aspects**

21:00 – 23:00: *Dinner* ([Chrisostomos](#))

Day 3 – Tuesday October 4th

08:45 – 09:00: *Welcome Coffee*

09:00 – 10:00: Lab visit 10:00 – 11:00: **Detailed action planning of Capacity Building (WP2 & WP3); ALL**

11:00 – 12:00: **Detailed action planning and necessary infrastructure for project's Research part (WP4); ALL**

12:00 – 12:30: Summing up – end of KOM

DISCUSSION

Brief description, point of the agenda related

An ice-breaker dinner took place in Chania on Day 1.



On **Day 2**, the coordinator, Dr. Emmanuel Stamatakis (FORTH/IG), welcomed all participants and outlined the objectives of the meeting by presenting the agenda, which was approved with minor changes.

Then, presentations and discussions followed the agenda shown above.

Prof. Nikos Pasadakis delivered a welcome speech & Institute presentation

The technical part of the meeting started with a brief presentation of the partners' and Advisory Board members' activities, followed by a general overview of the twinning action and the main HORIZON EUROPE “rules” (by Vasiliki Kalodimou, PRAXI Network - Twinning NCP), Project Management procedures (by Emmanuel Stamatakis, Coordinator) and a detailed description of work packages & deliverables (by WP Leaders). These presentations delivered the main elements for the discussions that followed regarding work description and the future work plan.

The discussion initially concentrated on management & administrative aspects and procedures (reporting, communication between partners, etc.) were addressed in sufficient detail and a number of actions have been decided (i.e. issue an amendment for correcting IFPEN's personnel cost category, prepare a progress technical report for the Advisory Board every 3 months).

Then the Capacity Building plan and the work to be done in the coming 12-months in each WP (under the supervision of the respective WP Leaders) have been discussed.

It has been decided that there will be a PSC meeting once a year at FORTH/IG premises, a project technical meeting twice a year and if necessary, there will be extra technical meetings in between in order to ensure timely and accurately execution of TWINN2SET work program.

AOB

In the afternoon, project's 1st workshop on Gender Aspects was organized at the premises of the Technical University of Crete with the presence of all project participants. The event was very successful and received a big attention from the local community.



Day 2 ended by networking during dinner



On **Day 3**, the discussion concentrated on the detailed action planning of Capacity Building (WP2 & WP3) for the first 12 months of the project, as well as the detailed action planning and necessary infrastructure for project's Research part (WP4).



NEXT STEPS - ACTIONS	IN CHARGE	DEADLINE
Description	Partner	Date
Update Gender Equality Plan (GEP) status in the Portal	IFPEN	Friday 7 th of October
Provide details for Norwegian Energy Week	UiS	Friday 7 th of October
Define an administrative assistant project coordinator	FORTH/IG	Friday 7 th of October
Share the profiles of the people to be mobilized and the ones that will follow the MOOCs (first year plan)	FORTH/IG	Friday 7 th of October
Send KOM minutes for comments/approval	FORTH/IG	Friday 7 th of October
Finalize KOM minutes	FORTH/IG	Monday 10 th of October
Send the proposed 12-month plan	FORTH/IG	Friday 14 th of October
Finalize project site and social media communication tools	FORTH/IG	Friday 14 th of October
Setup a TEAMS sharefolder domain for sharing Consortium internal documents	FORTH/IG	Friday 14 th of October

Define Task Leaders and Task participants in every WP/TASK/DELIVERABLE in order to better organize workload and internal communication	ALL	Friday 14 th of October
Send list of attendees and profiles for the first IFPEN course planned at the beginning of November 2022	FORTH/IG	Monday 24 th of October
Validate IFPEN course calendar for the entire 2022-2023 academic year	FORTH/IG	end of October
Send project template for deliverables and reports	FORTH/IG	end of October
Share Data Management Plan (DPM) and Dissemination, Communication & Exploitation Plan (DCEP) drafted deliverables	FORTH/IG	end of October
Setup an Advisory Board zoom meeting to define chairperson, scope and actions	FORTH/IG	end of October
Setup a PSC zoom meeting to define chairperson, scope and actions	FORTH/IG	end of October



