



PANTERA
Pan European Technology Energy Research
Approach

Work Package 8

Dissemination and Communication activities

Deliverable D8.1

Dissemination, communication and cooperation plan

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Abbreviations

<i>DER</i>	Distributed Energy Resources
<i>DL</i>	Deliverable
<i>EC</i>	European Commission
<i>EU</i>	European Union
<i>GA</i>	Grand Agreement
<i>PC</i>	Project Coordinator
<i>WP</i>	Work Package
<i>R&I</i>	Research & Innovation
<i>CSA</i>	Coordination and Support Action
<i>WG</i>	Working Group

Executive Summary

This document provides a plan for communication and dissemination of PANTERA project activities and cooperation with project stakeholders. It identifies the target audiences of the project, including various stakeholder groups and relevant neighbouring European and national projects and initiatives. For stakeholder groups, the document identifies the project's corresponding outcome and the associated impact on the stakeholder group. The document identifies how the project consortium will be cooperating with both potential and confirmed stakeholders. Furthermore, it provides guidelines and the schedule to the project partners regarding the dissemination and stakeholder engagement.

1 Introduction

Collaborative work is pivotal in the development work that the consortium proposes through the PANTERA CSA. Through this coordinated activity, the consortium is confident that it will deliver a multi-dimensional platform of pan-European status and influence, capable of leveraging coherence and trust as a pull towards enhanced R&I in energy systems centered on an integrated grid active and responsive.

The proposed platform can work for Local Energy Systems in an integrated PAN European Smart Grid with specific emphasis on the less privileged / low spending countries. It will bring together the attractiveness of successful partnerships being national, regional or European, building through them the will for enhanced adaption to areas and partnerships that can broaden active participation for mutual benefit. Emphasis will be given to develop an innovative top-down and bottom-up approach for effectively identifying the key challenges in accelerating R&I activities in low spending countries.

1.1 Scope, objectives and target group of this document

The current document presents a strategic plan of dissemination and cooperation activities in the PANTERA project. It identifies the project's target audiences, communication channels and responsibilities of project partners for key messages.

The document also sets communication, dissemination and cooperation objectives tailored to corresponding target audiences. The purpose of this deliverable is to identify specific goals of communication and dissemination activities, their expected outcome, expected effort and contribution from each partner.

The document describes the intended reaction and impact for each given target group. The project Grant Agreement is taken as the foundation for this document, as it provides key messages and commitments of the project consortium.

DERlab leads WP 8 "Dissemination and Communication activities", coordinating this activity and providing guidelines to the consortium.

This deliverable refers to both the inward communication (cooperation within the consortium) and outward communication (project communication with the scientific community outside the project). Efficient inward communication serves as a tool for successful outward communication.

Therefore, this *document* aims at two target groups (not to confuse with the target groups of the *project* - see Chapter 4):

1. *Project partners*: this document outlines the dissemination effort expected from each partner and provides guidelines for these activities
2. *Project coordination and the EC services*: this document provides a plan and an overview of communication and dissemination activities distributed between project partners

1.2 Structure of the document

In Chapter 2, the PANTERA multi-functional collaborative platform is explained, along with its goals and features. In Chapter 3, the key concepts of communication, dissemination and cooperation are elaborated and the measures to carry them out are outlined. Also, a plan for scientific dissemination is provided. In Chapter 4, an outline of target groups and corresponding channels to reach them is provided. Chapter 5 finally presents a schedule of planned activities related to communication, dissemination and cooperation.

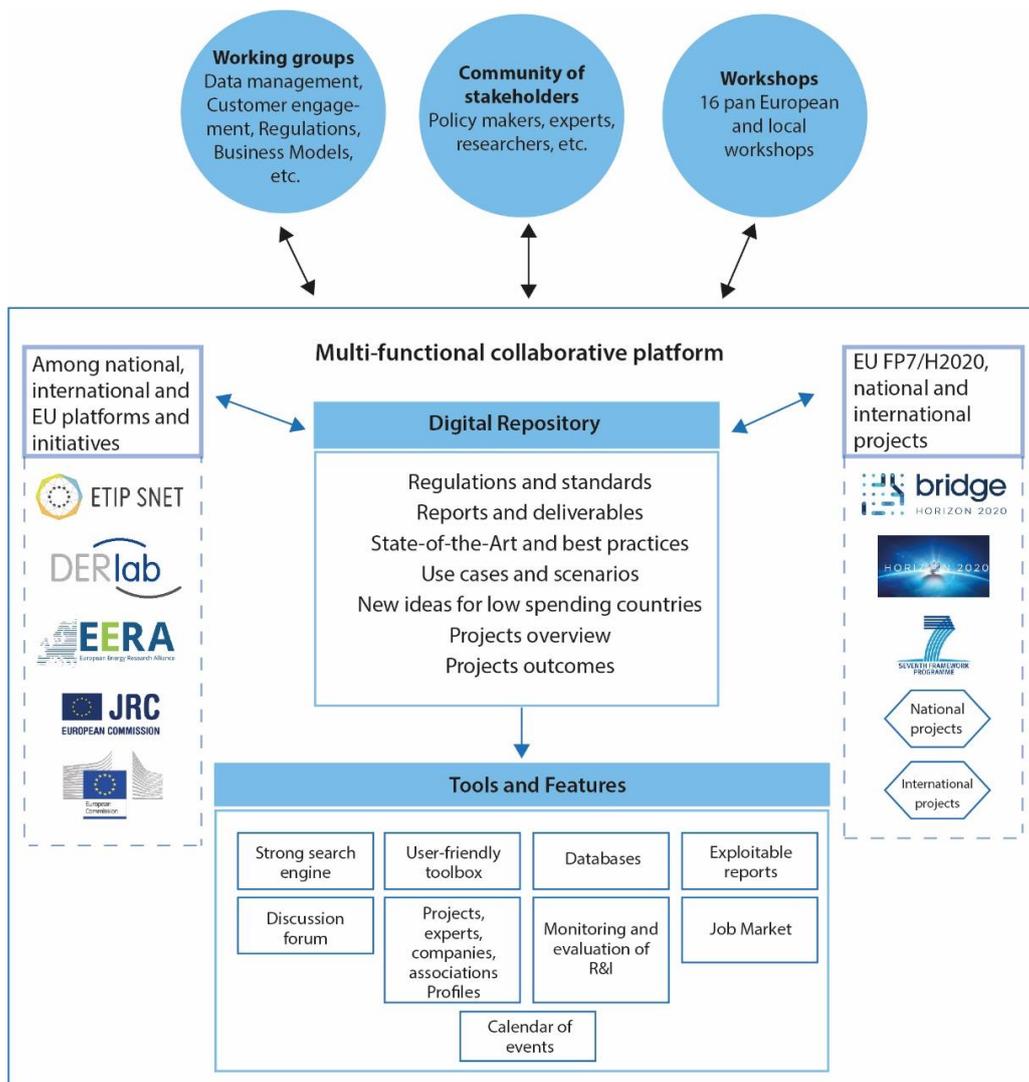
2 PANTERA multi-functional collaborative platform

This platform that we envisioned in PANTERA is a crucial point of communication in the project. It will serve to achieve the aim of PANTERA to build a true pan European R&I community in the fields of smart grids and associated technologies / energy systems.

So, it is the PANTERA consortium's ambition to deliver a pan-European multi-dimensional collaborative platform, capable of leveraging coherence and trust as a pull towards enhanced R&I in energy systems. Based on pan-European entities that will be active in PANTERA, the envisaged platform will strive for long term solidarity to build the required trust capable of delivering the much-wanted benefits of sharing results and knowledge and learning from best practice activities in related fields. This platform will bring together the attractiveness of successful partnerships being national, regional or European, building through them the will for enhanced adoption to areas and partnerships that can broaden active participation for mutual benefit.

It is the vision of PANTERA that through the planned multi-functional collaborative platform, we can create a reference operational point to unify European activity and support low spending countries to have access to exploitable results that can spark further work and cooperation capable of bridging the existing gap among European countries.

Figure 1: The PANTERA Concept



The multi-functional collaborative platform, as depicted in the above figure, will be capable of offering the following as a minimum:

- i. A digital repository that will contain data uploaded by partners and / or project coordinators. This digital repository will be adaptive and will contain detailed case studies with exploitable results of projects, scenario build-up for identifying research gaps. This area will also host an interactive blog site open to all European citizens for generating input data for the work of the operating team.
- ii. A working area in which
 - a. User-friendly tool boxes will facilitate the analysis of the provided data and generate appropriate selectable reports.
 - b. Built in methodologies for monitoring and evaluating R&I results and classify them in many categories depending on final use: Intermediate results for further work in technology and systems, adding to educational means, assisting policy or regulation evolution, assisting in generation of standards, contributing to improved methods for analysis etc.
 - c. Tools will be available for building scenarios and populating case studies for managing the exploitation results of projects.
 - d. Tools will be provided for generating ideas and solutions for low spending countries. This will encourage innovation through methodologies that will be more than welcomed and encouraged with professional support.
- iii. A public consultation area through which final approved versions of deliverables will be made public, in a two-way communication to enable giving and receiving feedback. In this area, apart from reports and deliverables, white papers on topics of wider interest will be published, especially as a response to questions and queries of active contributors.

3 Communication, dissemination and cooperation

According to the Glossary of the EC's Participant Portal, "Communication on projects is a strategically planned process that starts at the outset of the action and continues throughout its entire lifetime, aimed at promoting the action and its results. It requires strategic and targeted measures for communicating about (i) the action and (ii) its results to a multitude of audiences, including the media and the public and possibly engaging in a two-way exchange."

Dissemination is defined as "the public disclosure of the results by any appropriate means (other than resulting from protecting or exploiting the results), including by scientific publications in any medium." [1]

To ensure efficient communication and dissemination, this document utilises the term "cooperation" to describe and plan the necessary collaboration: 1) within the consortium in order to reach the communication and dissemination objectives (internal cooperation) 2) between the project on one side and the broad public and external community on the other side (external cooperation).

Therefore, in the context of the PANTERA project, the current document addresses the communication measures to ensure successful dissemination of PANTERA activities.

3.1 General Communication and dissemination

In this report and in the context of the PANTERA project, we shall refer to the communication with the targeted stakeholders and the wider public as external communication. In the PANTERA project, we see the following as continual communication and dissemination objectives:

- Consistent external communication throughout the project duration through promotion materials and online channels (see 3.1.1 Promotion and marketing material and 3.1.2 Online channels)
- Consistent dissemination of project activities to the identified target groups
- Establishing and maintaining contact with stakeholders through workshops, dedicated stakeholders' meetings and other consultation activities. In WP 6 Collaboration working groups (WG), regional stakeholder desks will be established in the target regions, as vehicles to ensure wide participation and involvement of market actors and stakeholders throughout the project and to create local networks.
- Obtaining sufficient reaction and feedback from the stakeholders
- Provision of all public deliverables on the project website within a month after their approval

Under final communication and dissemination aims, we see the following:

- Established communication and cooperation with stakeholders
- Awareness of the project and PANTERA Platform
- Ensuring the socio-economic impact of the project

3.1.1 Promotion and marketing material

DERlab, as WP 8 leader, develops the following project promotional and marketing materials:

- project flyer
- factsheets
- project rollup banner
- project poster

- project films

DERlab also takes care of printing project flyers and shipping them to the partners' premises. All promotion and marketing materials will be elaborated in D8.2 "Promotion and marketing material".

3.1.2 Online channels

Apart from the collaborative platform, PANTERA communicates with its target audiences and disseminate the project results to them, by making use of the following online channels:

- *Website*: The project website www.pantera-platform.eu is the central place for communicating the project activities and disseminating its results. The website aims to consistently present all public information about the project, such as: general information about the project, news about the ongoing activities and announcements of PANTERA events and workshops, an overview of materials available for download, as well as publications and presentations slides. Striving to make the project as transparent for the broad public as possible, the consortium provides a comprehensive overview on the structure of the project and its workflow and aims to make all public documents, reports, and presentations available on the website.
- *Newsletters*: The project releases quarterly newsletters, open for public subscription, with a recap of its latest activities and news.
- *Press releases*: Upon reaching a major milestone, the project can issue a press release for primarily online dissemination. (See in annex Document 1: First Press Release of the PANTERA project)
- *Social media*: PANTERA will be disseminating its activities through LinkedIn, Facebook, Twitter, YouTube and Research Gate.

3.2 Presenting PANTERA activities in Special Events

3.2.1 Goals and scope of the special events

PANTERA is represented in relevant events within the European framework and related to its field of action. The project partners will disseminate the results of PANTERA by supporting and encouraging the active participation of its members in these events. To achieve this, the project partners will be aware of all relevant events and inform the stakeholders about them through:

- Website: The project website www.pantera-platform.eu.
- Newsletters
- Social Media: LinkedIn, Facebook, Twitter.

The goals of these special events are multiple:

- Raise awareness about PANTERA
- Disseminate the project outcomes and its progress
- Find relevant stakeholders
- Interact with existing stakeholders and initiatives related to smart grid development
- Get feedback to optimise the platform

Valuable insights and feedback can be gathered from these events, which will further improve the quality of the platform and the overall work performed during the project. To make the most out of them, the project partners collect the obtained information from each of these events and use these reports as a source of follow-up, feedback and further interactions with the stakeholders.

3.2.2 Foreseen activities

PANTERA's activities and progress will be presented in European events, related to the fields of smart grids, smart energy, energy systems, storage, etc. DERlab, as the task leader for presenting PANTERA activities in special events, will be in charge of informing the partners about relevant conferences and events, through a live document that will be regularly updated and can be accessed and modified by all project partners. The tentative list can be found below.

Table 1: Tentative list of events to present PANTERA activities

No.	Conference title	Date	Location
1	Eurelectric Power Summit 2019	20-21 May 2019	Florence, Italy
2	SyNERGY MED 2019	28-30 May 2019	Cagliari, Italy
3	16th International Conference on Electrical Machines, Drives and Power Systems (ELMA)	06-08 June 2019	Varna, Bulgaria
4	19th IEEE EEEIC (International Conference on Environment and Electrical Engineering)	11-14 June 2019	Genoa, Italy
5	Global Power, Energy and Communication Conference	12-15 June 2019	Cappadocia, Turkey
6	EUSEW 2019 EU Sustainable Energy Week	17-21 June 2019	Brussels, Belgium
7	MEPS 2019 (Modern Electric Power Systems)	09-12 September 2019	Wroclaw, Poland
8	2019 IEEE PES Innovative Smart Grid Technologies Europe (ISGT-Europe)	29 Sept - 02 Oct 2019	Bucharest, Romania
9	54th International Universities Power Engineering Conference	03-06 September 2019	Bucharest, Romania
10	SEST 2019 - 2nd International Conference on Smart Energy Systems & Technologies	09-11 September 2019	Porto, Portugal
11	CIGRE for power system expertise	24-28 August 2020	Paris, France

Furthermore, the project foresees dedicated meetings and workshops with stakeholder groups to increase their interaction during the whole project process and the dissemination of the results. (Tackled in WP 5 Workshop and dedicated stakeholders meeting organisation).

Table 2: Impact ad-hoc indicators to measure PANTERA awareness and dissemination objectives

<i>Ad-hoc indicator</i>	<i>Target</i>
Number of newsletters	≥ 4 per year
Newsletter subscriptions	>100
Number of tweets	> 50 per year
Number of Twitter followers	> 100
Number of LinkedIn followers	> 50
Target number of events in which PANTERA is presented	≥ 4 per year

Each partner also takes care of disseminating the project outcomes at the national level through their involvement in national networks.

4 Target groups, corresponding objectives, communication and dissemination measures

Correctly identifying the target audiences, the ones who have interest in the project, can contribute and/or would be affected by the outcomes of the project, is of the essence to establish a good communication and dissemination strategy.

PANTERA identified the two following groups of target audiences:

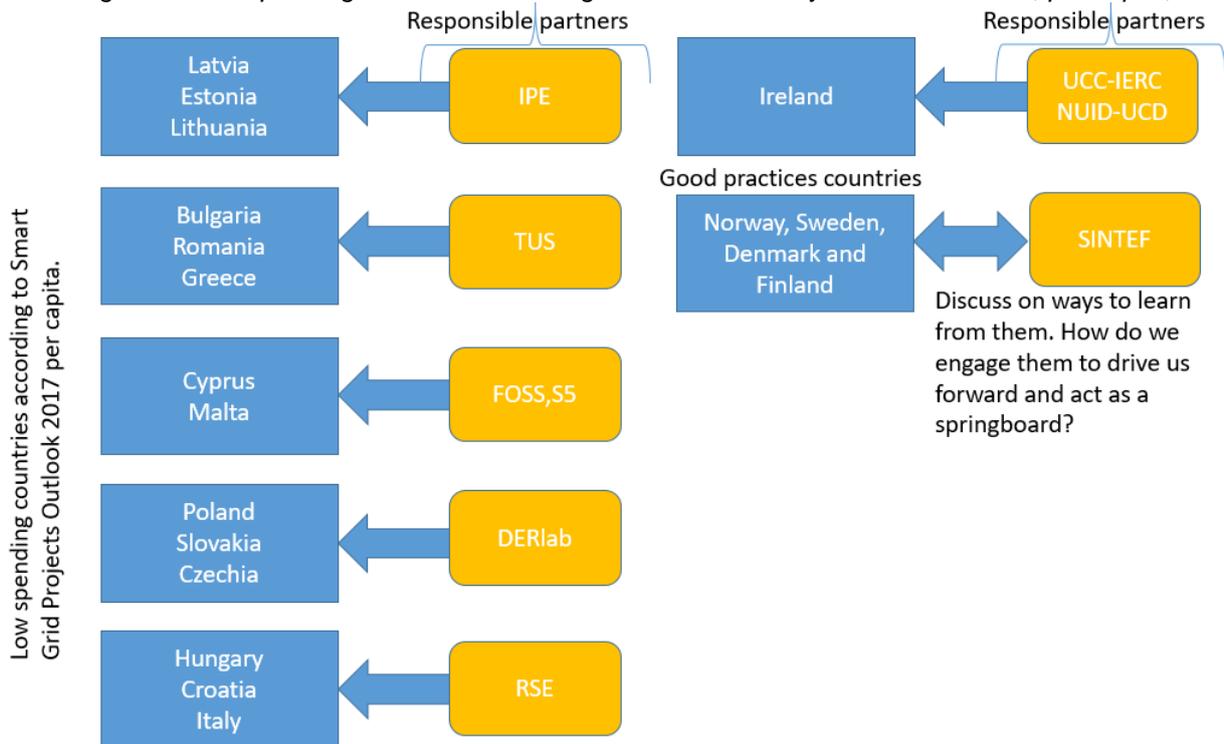
- stakeholders (see Chapter 4.1 Stakeholders)
- other relevant projects or initiatives (see Chapter 4.2 Projects and initiatives)

4.1 Stakeholders

Identifying the target audience is critical for the project communication and dissemination. Targeting the most relevant groups ensures the most efficient dissemination and impactful exploitation of the project results. In the context of the project, we refer to the target group as a single stakeholder or a stakeholder group.

This project defines a stakeholder as a person or an entity performing activities in the fields of smart grids, storage and local energy systems. WP 2, supported by other work packages, is responsible for identifying and establishing close interactions with the stakeholders. Special effort will be put to involve stakeholders from the 15 countries that altogether account for less than 5% in EU R&I funds.

Figure 2: Low spending countries according to Smart Grid Projects Outlook 2017, per capita,



Depending on evolving R&I needs and topics identified in WP 3, WP 4 and WP 5, WP 6 will provide organisational support in order to develop working groups (WGs) - establishes regional stakeholder desks in the target regions, as vehicles to ensure wide participation and involvement of market actors and stakeholders throughout the project and to create local networks.

One of the project’s goal is to understand and help bridge the gap between low-spending and high-spending countries, therefore it is necessary to target stakeholders from both types of countries. For low-spending countries, to ensure their increased involvement with EU level initiatives and for high-spending countries, to play a supporting and motivating role to enhance research & innovation in the energy field on a pan-European level. Within these two broad categories, we have established more precise categories of stakeholders that are going to be populated within WP2.

Table 3: Categories of PANTERA stakeholders

Stakeholder	
Global	IEA
	ISGAN
	IEEE/IET
	CIGRE
	GSGF
EU	JRC
	ETIP SNET
	SETIS
	SSERR
	BRIDGE
	EERA JP SmartGrid
	DERlab
	ENTSO-E
	EDSO
	EURELECTRIC
	ERA-Net Smart Energy Systems
National	Energy Policy/Regulatory Body
	TSO
	DSO
	IPPs / Generators
	Technology / System Providers
	Aggregator / ESCO / Supplier
	Utility Service Provider
	Industries/SMEs
	Academic/Research Institute
	Energy Agency/Association
	Energy Communities/Cooperatives
	Energy Active Citizens

PANTERA project aims at setting up a European forum composed of research & innovation stakeholders active in the fields of smart grids, storage and local energy systems, including policymakers, standardisation bodies and experts in both research and academia representing the EU-28 energy system.

In this respect, the objective of the consortium is to work closely with the industry, operators, policy entities and standardisation bodies for responding effectively to their needs and at the same time creating the right bi-directional communication and response for validating the identified solutions and developments. The intention of the consortium is to organise targeted workshops and dedicated stakeholders' meetings, draft tailored questionnaires and conduct selected peer to peer consultations (see Chapter 4.1.2 Communication with confirmed stakeholders).

The ultimate goal of the cooperation with stakeholders is to induce collaboration and gather deep insights to efficiently build the collaborative multi-function platform and ensure its exploitability. The collected feedback and input from the selected stakeholders will provide a real added-value to the

project. This will be carried out through consistent communication with them and dissemination throughout the project. Upon request, confirmed stakeholders will be expected to provide feedback to the consortium on the project activities.

4.1.1 Communication with potential stakeholders

The project aims to continuously expand its stakeholder network in order to have as detailed feedback as possible and to extend the project visibility. Through a dialogue with the scientific community and industry, the project will be reaching potential stakeholders to ultimately involve them as project stakeholders. This interaction will be performed continuously throughout the project.

A preliminary list of stakeholders for the PANTERA project will be identified. In order to expand this list, a questionnaire, including questions on the type of organisation, as well as involvement in other international/EU/national projects within the scope of PANTERA project, will be circulated to the potential contact persons identified by the consortium. The questionnaire will be also available on PANTERA's website: <https://pantera-platform.eu/stakeholders/>

The received feedback will be investigated by the steering committee of the project and based on the conclusions, the stakeholders will be identified. It should be mentioned that the list of stakeholders will be growing till the end of the project considering the needs of the project.

4.1.2 Communication with confirmed stakeholders

The aims of the communication with confirmed stakeholders are to obtain feedback on the project outcomes and to increase project visibility within the stakeholder group. A close interaction with the representatives from the identified organizations (funding agencies, standardisation bodies, research centres and academia, etc.) will be pursued by providing them with information from this, as well as the other WPs, offering the possibility to join EU-wide workshops and fora. The key objective will be the information sharing and the establishment of effective links for future long-term collaborations.

The consortium will be systematically reaching out to all stakeholders, informing them about the ongoing project news and involving them to PANTERA's activities (where applicable). For interaction with stakeholders, the project uses channels such as the newsletter, dedicated email campaigns and social media. These activities include communication and dissemination through the project website, press releases, social media, project website as well as dedicated workshops and stakeholder meetings at scientific conferences as described in Chapter 3.2 Presenting PANTERA Activities in Special Events. These events will address major European players in the field, to communicate the PANTERA project progress and achievements to reach a widespread dissemination of the obtained platform.

This interaction will be carried out through the following means:

1. *In-depth interviews with stakeholders*: Relevant stakeholders will be contacted individually by e-mail and/or phone. Involvement of external stakeholders will increase the project impact, by fostering a culture of cooperation between R&I stakeholders. Input from stakeholders will also be essential for R&D needs and priorities, revisions of the project scope, goals and progresses, suggestions for further functionalities and tools, as well as for the identification of risks and barriers.

2. *Workshops and dedicated stakeholders' meetings*: Meetings and workshops with various stakeholder groups are foreseen in the project, to influence and improve further exploitation of the achieved results in order to increase their socio-economic impact on a pan-European level. To reach this objective, two kinds of workshops have been considered; regional workshops and Pan-European and Global workshops. It is expected that stakeholders will be actively participating in the workshops,

thus deciding and acting together with the project partners.

A total of 4 workshops per year will be organised, linked with on-going strategic processes and developments at European level. Attendance of different stakeholders (from industry/businesses, academic/research institutions, public authorities/bodies and non-governmental institutions) is ensured by both strong marketing efforts and by inviting representatives from stakeholder organisations. Workshops will be organised throughout the project duration under WP5. In more details, one task-specific objective of this work package is to mobilize the Smart Grids community and its stakeholders in the development process of the SET Plan implementation reviewed by different stakeholders in dedicated workshops. Another specific objective is to identify, discuss and contribute to Smart Grids related priorities (e.g. identify, raise awareness and fill-in Smart Grids related standardisation gaps) in order to support the deployment of Smart Grids. Well-planned organisation of the workshop and the wide representativeness from relevant stakeholders ensure the usability and noteworthiness of the discussion papers. Furthermore, the collaboration with ETIP SNET, especially by participating in the ETIP SNET regional workshops, and the interaction with the BRIDGE EU initiative will be key activities and will give the possibility to the identified stakeholders to interact with these important initiatives and with their members.

3. Moreover, the members of the stakeholders' group will be regularly informed about the latest project activities, results and events through quarterly newsletters and social media.

4.2 Projects and initiatives

PANTERA aims to create interactions with stakeholders, but also with projects and initiatives. Knowledge transfer and sharing can be carried out through regular exchange; by the means of workshops, physical and online meetings or other joint activities. This task will also foster the establishment of liaisons with relevant international initiatives, networks and platforms dealing with similar topics, such as IEA ISGAN, EERA, ENTSO-E, EDSO4SG, EURELECTRIC, IEEE PES, IEEE SmartGrid, CEN-CENELEC, ETIP SNET, ERIGrid, MIGRATE, IRENA, BRIDGE and others.

4.3 Broad public

Besides the communication and dissemination measures described in Chapter 3.1 General communication and dissemination, DERlab as the WP 8 leader will ensure broad project dissemination through its channels via its network. DERlab communicates PANTERA activities to the relevant academia, industry and research institutes in Europe and the US. Among the channels for this communication and dissemination, are: website coverage, newsletters, promotion through DERlab's LinkedIn account, and most importantly, close contact and direct line of contact with this network through DERlab.

PANTERA will also gain coverage in the DERlab Activity Report. Through DERlab's extensive and consistent online and offline dissemination of this report in 2018-2019, PANTERA will reach key stakeholders from research, academia, industry, policy in the field of smart grids and DER. Among DERlab's Activity Report decisive dissemination channels are: committed DERlab network of members, partners and expert readers worldwide, and their subsequent promotion of the report; DERlab's online and offline distribution at major events and to over 1,000 media contacts in the field of renewable sources of energy and electricity.

4.4 Guidelines for project partners

Dissemination and cooperation with stakeholders are a joint effort of all project partners. In order to reach the project goals, the consortium is expected to cooperate and partake in the communication and dissemination activities and cooperation with the external scientific community. Each project partner must ensure consistent communication of project activities, news and announcements and disseminate the project agenda through their involvement in relevant networks, platforms, projects, standardisation committees, and related working groups.

Among communication and dissemination activities that all partners commit to are:

- distribution of PANTERA marketing materials at international events where partners are present
- sharing PANTERA announcements through partner's own - corporate and/or private - social networks (LinkedIn, Twitter, Research Gate, and any other)
- promoting and sharing PANTERA announcements through partner's own - corporate and/or private - website(s)

Specific individual activities based on identified target audiences: Should any project partner already have an established line of contact with a specific stakeholder, then the partner should take care of the communication and dissemination with this stakeholder - additionally and beyond the stakeholder communication by DERlab.

Such activities include:

- following up on invitations to stakeholder workshops
- following up on the needed input from stakeholders
- distributing project-related announcements to stakeholders

Each partner takes care of maintaining communication with their corresponding stakeholders.

Communication and dissemination for event preparation: PANTERA's presence at national and international events is a key way to obtain feedback on the project activities and results from stakeholders. In cases of preparation for public PANTERA events, each partner, additionally to the above-mentioned measures, utilises their own corporate, business channels and networks with the aim to attract visibility and highest possible number of attendees.

5 Schedule

The schedule of major achievements in communication, dissemination and cooperation is determined in the Grant Agreement by the schedules of corresponding deliverables and milestones mainly in WP 5 and WP 8.

Table 4: Schedule of activities in communication, dissemination and cooperation

Deliverable or milestone to be reached	Due date (in project months)
D5.1 Workshop format	3
D8.1 Dissemination, communication and cooperation plan	3
D8.2 Promotion and marketing material	4
D6.2 Stakeholder consultation plans (one for each country/region)	5
MS8 Finalize the initial design of the collaborative multi-functional platform and take firm action for establishing it	8
MS5 Outcome of the first set of workshops in the first year and lessons learned for corrective action	12
D5.2 Report on the outcomes of Regional workshops (intermediary)	24
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D5.5 Report on the outcomes of Pan-European and Global workshops (final)	48
D8.3 PANTERA Collaboration Platform: European Hub for Smart Grids	48
D8.4 Report on Dissemination and Communication activities	48

6 Conclusions

The current D 8.1 document provides a plan for coherent communication and dissemination of the project and its cooperation with its target audiences. Having analysed the target audiences and classified them into groups, the document identifies the dissemination impact on them and presents a systematic approach of reaching target audiences through established project channels. The document outlines a schedule for related activities and provides guidelines for project partners to ensure consistent and efficient joint dissemination.

7 References

[1] Glossary of the EC's Participant Portal, [Online]. Available: http://ec.europa.eu/research/participants/portal/desktop/en/support/reference_terms.html.

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Document 1: First Press Release of the PANTERA project**Kick-off meeting of the PANTERA Consortium in Nicosia, Cyprus**

On 30-31 January 2019, the kick-off meeting of the PANTERA project took place at the Hilton Cyprus in Nicosia (CY), coordinated by FOSS (University of Cyprus). Further partners are DERLab, RSE, SINTEF, Fizikalas Energetikas Instituts, Insistute of Physical Energetics (IPE), Suite5, University College Cork – National University of Ireland, Cork (UCC- IERC), University College Dublin, National University of Ireland (NUID UCD) and Technical University of Sofia (TUS).



PANTERA Consortium and the Project Officer Mario Dionisio at the PANTERA kick-off meeting

According to the JRC Smart Grid Projects Outlook 2014, the majority of cooperation takes place between organisations from a limited number of Member States, while 15 analysed countries account for less than 5 % of the Research & Innovation funds altogether.

Collaborative work is pivotal in the development work that the consortium proposes through the PANTERA CSA PAN European Technology Energy Research Approach. It is very important to move in a coordinated way to develop demanding objectives through Horizon Europe and other national and regional Research & Innovation financial instruments that will align evolution of technologies with the planned low carbon economy of the European Union.

PANTERA project will identify and implement initiatives, aimed at levelling the participation of EU countries to a common energy market for the benefit of all EU citizens. The importance of the PANTERA project lies, in particular, in bridging the gaps in R&I in the energy field that currently exist in Europe between Member States.

By identifying, involving and engaging the right stakeholders, PANTERA will make sure to be developing a tool that will truly address actual issues and limitations and provide useful and exploitable information to enhance Research & Innovation on a pan-European level.

PANTERA's ambition is to be the single point of reference for smart grids in Europe, by delivering a multi-dimensional platform of pan-European status capable of leveraging coherence and trust as a pull towards enhanced R&I in energy systems centered on an integrated grid active and responsive.