
Innovative controls for renewable source integration into smart energy systems



www.incite-itn.eu

D8.1

Project website completion

WP8 – Network Management

Grant Agreement no 675318

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Authors (Partner)	Thilia Ferrier (IREC)		
Responsible Author	Fernando Bianchi	Email	fbianchi@irec.cat
	Partner IREC	Phone	00 34 933 563 802

Description of the deliverable	This report provides a general description of INCITE website (aims, format and design) and a briefly overview of social network strategy. The document also describes the intranet network communication tool used for management and coordination of the project activities.
Key words	INCITE, website, social networks, twitter, LinkedIn, Office 365

¹ Report

² Administrative (website completion, recruitment completion...)


³ Dissemination and/or exploitation of project results

⁴ Other including coordination

⁵ Public: fully open, e.g. web


⁶ Confidential: restricted to consortium, other designated entities (as appropriate) and Commission services.

⁷ Classified: classified information as intended in Commission Decision 2001/844/EC

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DEFINITIONS

- Beneficiary partners of the INCITE Consortium are referred to herein according to the following codes:
 - **IREC.** Fundacio Institut de Recerca de l'Energia de Catalunya (Spain)
 - **UPC.** Universitat Politècnica de Catalunya (Spain)
 - **TU Delft.** Technische Universiteit Delft (Netherlands)
 - **VITO.** Vlaamse Instelling Voor Technologisch Onderzoek (Belgium)
 - **UniBo.** Universita di Bologna (Italy)
 - **UGA.** Université Grenoble Alpes (France)
 - **GE Global Research.** General Electric Deutschland Holding GmbH (Germany)
 - **Efacec Energia.** Efacec Energia - Maquinas e Equipamentos Electricos SA (Portugal)
- **Beneficiary.** The legal entity, which are signatories of the EC Grant Agreement No. 675318, in particular: IREC, UPC, TU Delft, VITO, UniBo, UGA, GE and Efacec Energia.
- **Consortium.** The INCITE Consortium, comprising the above-mentioned legal entities.
- **Consortium Agreement.** Agreement concluded amongst INCITE Parties for the implementation of the Grant Agreement.
- **Distribution list.** A list of email address.
- **Domain name.** A unique name, corresponding to one or more numeric IP addresses, used to identify a particular web page or set of web pages on the internet.
- **ESR.** Person who is at the date of recruitment, a postgraduate researcher in the first four years (full-time equivalent) of his/her research career, including the period of research training, and who does not have a doctoral degree and who meets the conditions set forth in Article 6.2 b) of the Grant Agreement. The ESR is engaged under a separate agreement by a Party. The details of ESRs, their appointing institutions and their person-months are included in Annex I to the Grant Agreement.
- **Google Analytics.** Service offered by Google that generates detailed statistics about a website traffic and traffic sources, and measures conversions and sales.
- **Grant Agreement.** The agreement signed between the beneficiaries and the EC for the undertaking of the INCITE project (Grant Agreement n° 675318).
- **LinkedIn:** social networking site designed specifically for the business community.
- **Partner Organisation.** Legal Entity that is not signatory to the Grant Agreement and does not employ any Researcher within the Project and namely, 3E NV (Belgium).
- **Project.** The sum of all activities carried out in the framework of the Grant Agreement.
- **Twitter.** Free social networking microblogging service that allows registered members to broadcast short update posts called tweets.
- **Website.** A group of connected pages on the World Wide Web containing information on a particular subject.
- **WordPress.** Free and open source blogging tool and content management system.

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ABBREVIATIONS

- **CA.** Consortium Agreement
- **CMO.** Central Management Office
- **CV.** Curriculum vitae
- **EC.** European Commission
- **ESR.** Early Stage Researcher
- **GA.** Grant Agreement
- **INCITE.** Innovative controls for renewable source integration into smart energy systems
- **IRP.** Individual Research Project
- **WPs.** Work Packages

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DISCLAIMER OF WARRANTIES


This document has been prepared by INCITE project partners as an account of work carried out within the framework of the contract no 675318.

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EXECUTIVE SUMMARY

Creating awareness in the scientific community, general public, and policy-makers about the progress and results of INCITE is an important outreach activity of the Project. The communication of the INCITE outcomes helps researchers to transfer value back to the society for the public investment made in the Project.

In INCITE, one of the main tools foreseen for the dissemination of the project outcomes is the website; a critical element for external communication with the stakeholders. As such, it has been the first tool to be developed in the project alongside the project logo. Although built up in an early stage of the project and prior to the finalization of the communication plan, the development of the INCITE website has been grounded on the main principles that drive the plan: ensuring that information is shared with appropriate audiences on a timely basis and by the most effective means.

Furthermore, the INCITE collaboration support has been implemented to allow an efficient internal communication within the consortium. It is currently based on the Microsoft Office 365 platform.

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1 THE INCITE WEBSITE

The INCITE website is a key tool in the communication strategy providing among other features:

- a highly accessible space for posting vacancies and project updates;
- an efficient and transparent tool for the implementation of the recruitment of the Early Scientific Researcher (ESR);
- fast and effective distribution of the information (“click and go”);
- means to keep continuously informed those parties interested in following the project outcomes.

A provisional website with a short description of the project and the available positions was launched in December 2015. The aim was to raise early awareness about the project considering the imminent beginning of the recruitment of the ESRs.

The domain www.incite-itn.eu was acquired by the coordinator for the website. It reflects the project acronym (i.e. incite), the type (i.e. H2020-MSCA-ITN project) and its identity (i.e. European project).

The definitive website went live on 22 January 2016. Having a fully functional INCITE website became one of the priorities to launch the recruitment of the ESRs.

The website was created using WordPress, an open source web software, especially designed for an attractive presentation of contents and for the implementation of blogs and news. These web tools are important parts of the communication strategy aimed to general public and decision makers. WordPress also allows the creation of websites adapted to smartphones and tablets and thus covering a wider audience.

The look and feel of the website has been designed taking into account the type of content to be communicated (research content) and the colour palette of the project logo. The main goal was to have a simple, flexible display that could be equally accessible when using different resolutions and devices.

INCITE website includes a Google Analytics script for a complete evaluation of website impact on the communication plan. These reports will give valuable information to evaluate the dissemination results and modify the website in order to achieve the highest impact.

In order to joint research work and share sensitive documents, an intra-network communication tool has been implemented in the website using Microsoft Office 365 platform.

2 WEBSITE CONTENT

2.1 General structure

The content of the INCITE website is organised in eight main sections: **Home**, **Network**, **Fellows**, **Research**, **Training**, **News & Events**, **Blog** and **Vacancies**. This structure will be adapted according to the different stage of the project. Page **Fellows** will be non-visible until the first ESR is hired (planned for June 2016). Page **Vacancies** will be removed once the recruitment is finished.

All pages include a header with the project logo and a navigation bar as shown in the figure below:


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Figure 1. Header for all pages, including the top navigation bar.

The top navigation bar includes:

- [1]** The project logo with a link to the **Home** page;
- [2]** The navigation bar with links to the main pages of the website;
- [3]** A link to a contact form.

The footer includes a link to the Privacy Policy page, an acknowledgment text to the European Commission (EC) and the logo of the project coordinator. In the lower right corner, it can be found links to the social networks accounts of INCITE (Twitter and LinkedIn) and to the RSS feeds.



Figure 2. Footer for all pages, with the coordinator and EC logos and acknowledgment text.


The footer includes links to:

- [1]** Privacy Policy of INCITE;
- [2]** the INCITE LinkedIn account;
- [3]** the INCITE Twitter account;
- [4]** the RSS feeds.

2.2 Home

The content area of the **Home** page is divided into four sections:

1. A horizontal slider with rotating images and short messages related with the Project. These short messages will be used to communicate events and important news. For example, in the first stage of the project, these messages are used to announce the ESR open positions and the recruitment procedure.
2. A short description and general objectives of the project.
3. The latest post in **News & Events** and **Blog** published in the frame of INCITE. Links in the titles, the images or the button **More** allow reaching the complete version of the releases. **News & Events** and **Blog** pages are crucial to communicate the Project outcomes. As will be

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described later, these sections are aimed to attract the attention of the visitors to the results and activities of the Project.

4. A horizontal carrousel with the partners' logos with links to the corporative website of each institution.

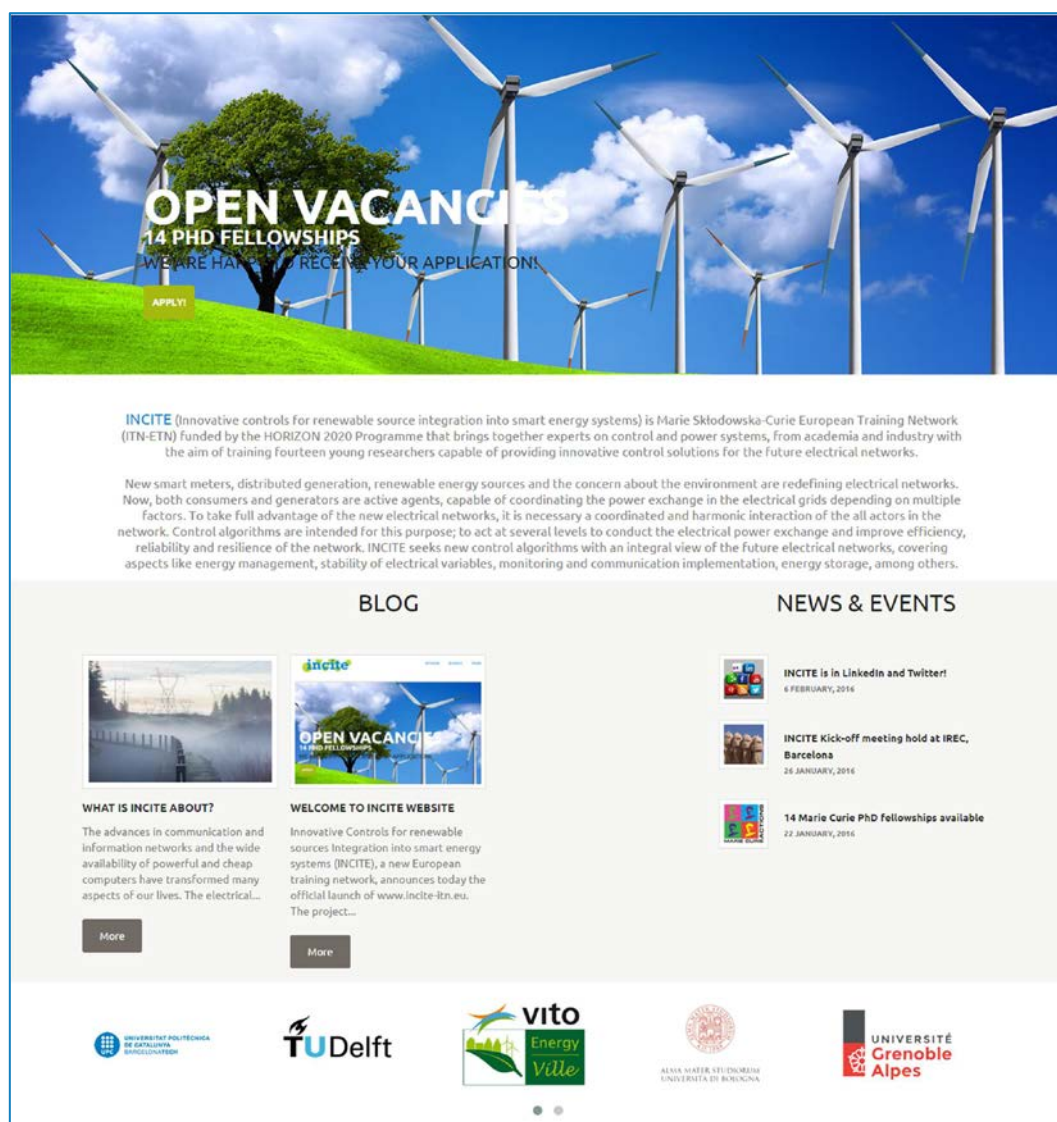



Figure 3. Content area of the Home page.

2.3 Network

The **Network** page provides information about the INCITE consortium and its work in the Project. The page has two subsections: Network overview and Deliverables.

2.3.1 Network overview

This page is organised in three tabs:

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1. The **Partners** tab includes the logo of the eight Beneficiary partners, each one with a link to a specific page with a short description of the institution.

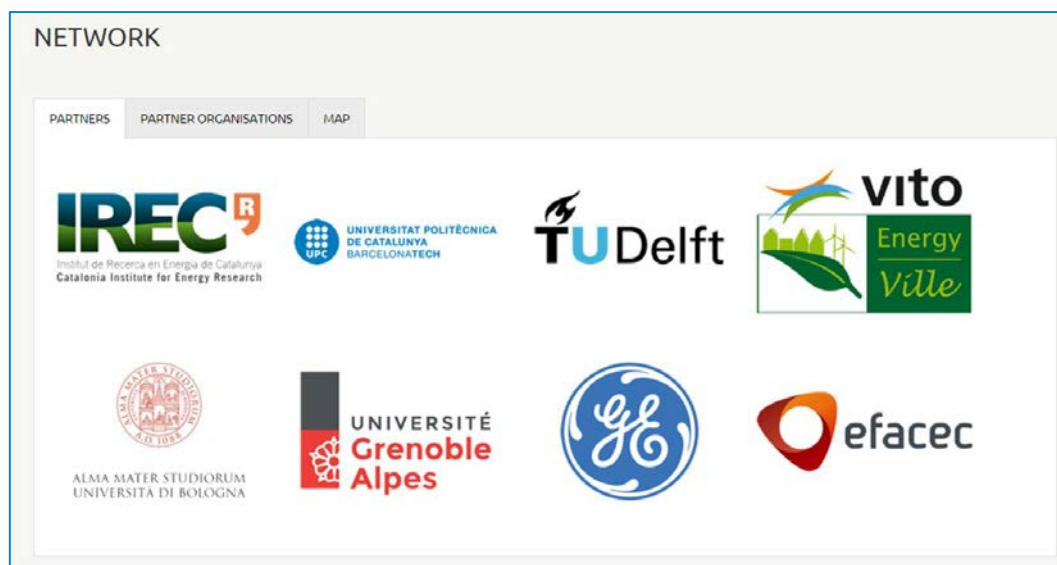


Figure 4. Network - Partners tab.

2. The **Partner organisations** tab includes the logo of 3E with a link to a specific page with a short description of the institution.

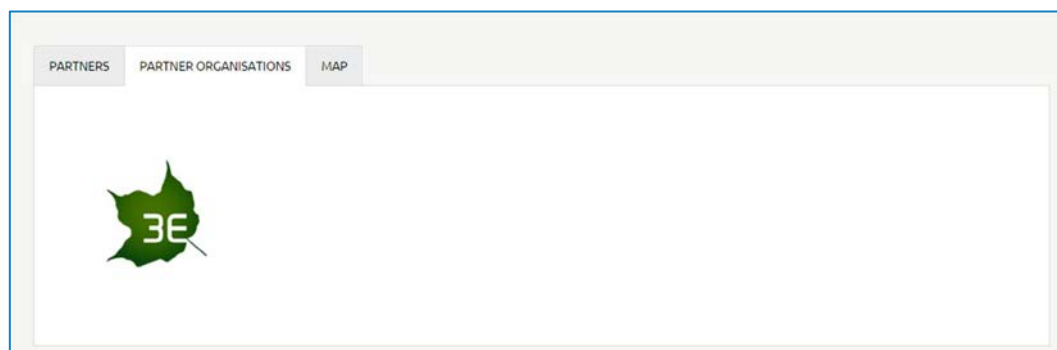



Figure 5. Network - Partner organisation tab.

3. The Map tab presents the geographical diversity of the INCITE Consortium.

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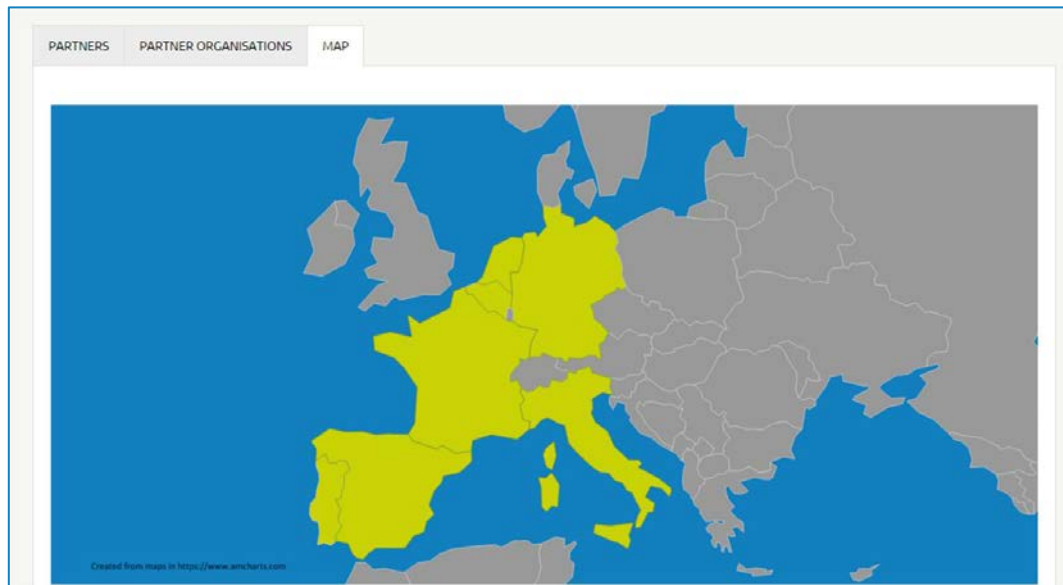


Figure 6. Network - Geographical distribution of the INCITE Consortium.

Each Beneficiary and Partner Organisation has a page with general information about the institution, its expertise and the team involved in the INCITE project. The link in the logo redirects to the institution website.

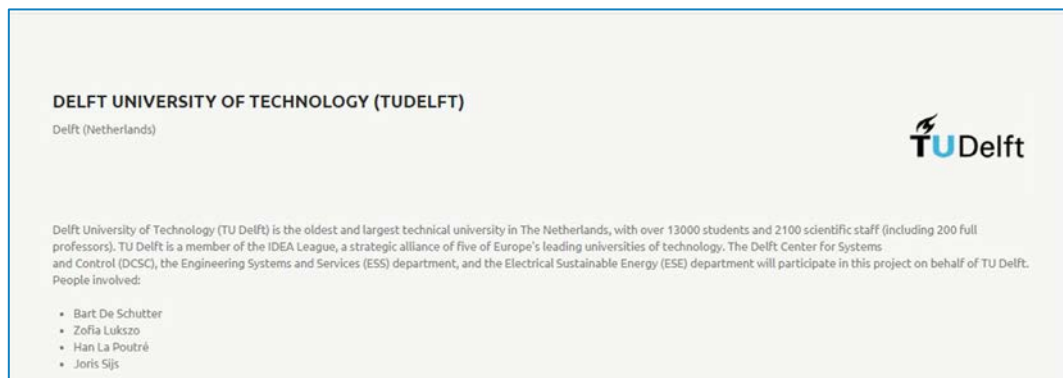



Figure 7. Network - Example of page with the information about one partner.

2.3.2 Deliverables

A submenu of **Research** leads to the **Deliverables** page. This page serves as a repository of the public deliverables of the project in order to fulfil the dissemination requirements established in the Grant Agreement. The deliverables are listed indicating title, reference number, WP, month of release, a short description and a link to download the corresponding file in PDF format. Deliverables will be available for downloading from this page once the EC has accepted the documents.

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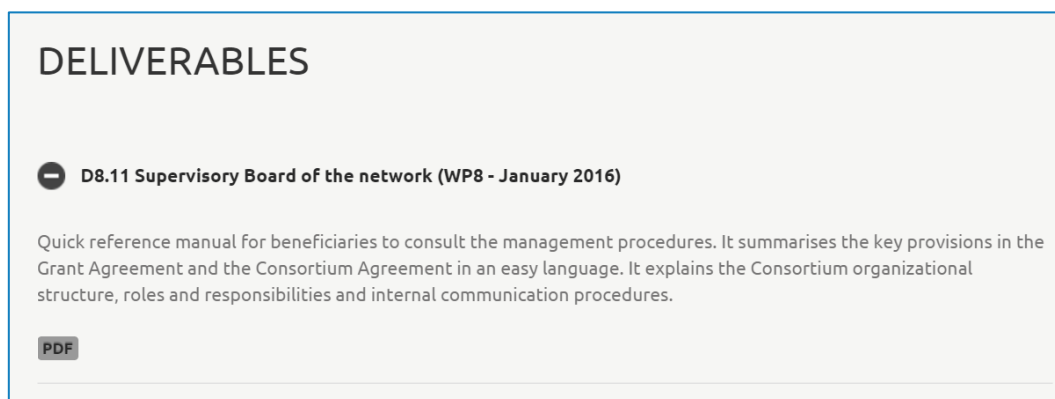


Figure 8. Network - Deliverables page.

2.4 Fellows

The **Fellows** page will be non-visible until the first ESR is recruited (planned for June 2016). This page will include fourteen thumbnails, one for each ESR, given access to the individual webpage of each fellow.

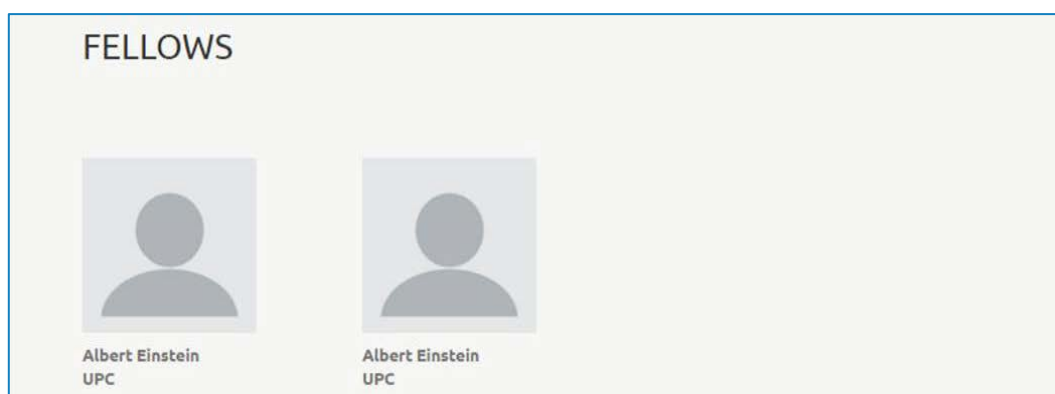




Figure 9. Example of the Fellows Page.

Each fellow will have an individual webpage that will include a short biography, photo, contact information, supervisor and hosting institution. These pages will also serve to present their research activities, IRP, a list of their publications in journal and conferences. An example is shown in Figure 10.

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ALBERT EINSTEIN



Early Stage Researcher

albert.einstein@irec.cat

Supervisor: XXX



Biography

Born in Ulm, Württemberg, Germany in 1879, Albert Einstein had a passion for inquiry that eventually led him to develop the special and general theories of relativity. In 1921, he won the Nobel Prize for physics for his explanation of the photoelectric effect and immigrated to the U.S. in the following decade after being targeted by the Nazis. Einstein is generally considered the most influential physicist of the 20th century, with his work also having a major impact on the development of atomic energy. With a focus on unified field theory during his later years, Einstein died on April 18, 1955, in Princeton, New Jersey.

My project: Partitioning and optimisation-based non-centralised control of dynamical energy grids

Publications:

Aissa, M.H. (2015) "A GPU-Accelerated Navier-Stokes Solver for Multidisciplinary Design Optimization". 27th International Conference on Parallel Computational Fluid Dynamics (ParCFD 2015), May 17-21st 2015, Montreal, Canada.

Aissa, M.H. (2015) "A GPU-accelerated Navier-Stokes solver for steady turbomachinery simulations". 6th VKI PhD symposium, March 11-13th 2015, von Karman Institute for Fluid Dynamics, Rhode-Saint-Genèse, Belgium.

Conferences:

Figure 10. Example of an Individual Fellows Page.

2.5 Research

The **Research** page presents a general description of the INCITE research programme, divided into two subsections: work plan and Individual Research Projects (IRPs).

2.5.1 Work plan

Work plan subsection contains six tabs: Overview and the five research Work Packages (WP1, WP2, WP3, WP4 and WP5). The overview gives a general description and main objectives of the research programme.

RESEARCH

Overview WP1 WP2 WP3 WP4 WP5

INCITE aims to propose innovative solutions for the challenging work of controlling and designing the future electrical networks. For this purpose, INCITE seeks to create a multidisciplinary research space with a complete view of the smart grids control where talented young researchers can be trained through research. The design of the control systems for the future electrical networks involves a wide variety of aspects. The research programme of INCITE seeks to cover the most representative issues. The main purpose is to expose ESRs to the major problems, theoretical and practical, involved in the control of smart grids. The research programme is organised in four work packages (WP) according to the purpose of the control strategies and an additional WP aimed to ensure that the proposed control strategies consider the complex interrelation among the objectives and specifications.





Figure 11. Research - Overview Research tab

The Work Packages (WPs) tabs summarise the objectives and list the IRPs connected with the WP. The link at the title of each IRP provides access to the full description, including objectives, tasks and people involved.

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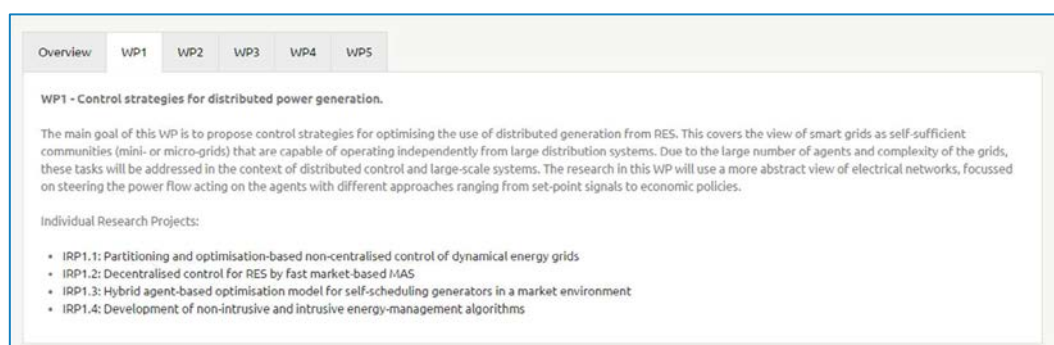


Figure 12. Research - Example of the WP1 tab

2.5.2 Individual Research Project

The **Individual Research Project** page provides an overview of the fourteen IRPs classified according to the WPs, each thumbnails corresponds to each individual project. The links in the right upper corner permits filtering the thumbnails by WP.

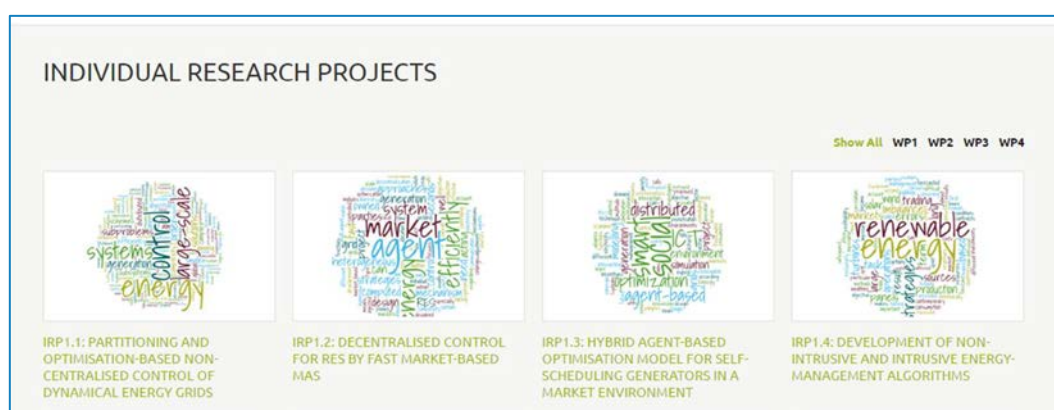

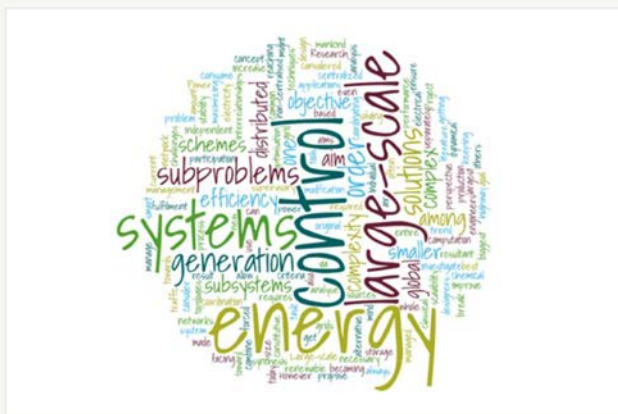


Figure 13. Research – Thumbnails corresponding to IRPs.

The links included in the thumbnails and titles lead to the pages describing each IRP in more detail. These pages indicate the ESR responsible for the IRP (once the fellow is recruited), the Supervisor and the host institution as well as the objectives, tasks and expected results.

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IRP1.1: PARTITIONING AND OPTIMISATION-BASED NON-CENTRALISED CONTROL OF DYNAMICAL ENERGY GRIDS



Researcher: This position is open, if you are interested please visit www.incite-itn.eu/vacancies

Supervisor: Carlos Ocampo-Martinez

Host Institution: Universitat Politècnica de Catalunya (UPC)

OBJECTIVES:

Power systems are considered as one of the largest and most complex systems made by mankind. With the current trend toward the increase of the participation of renewable energy sources and distributed generation, the energy grids are becoming even more complex. The concept of smart grid aims to electrical networks in which generation, consume and energy storage can be controlled with the aim of maximizing efficiency in the electricity production. The fulfilment of this objective requires new control schemes in order not only to improve efficiency, but also ensure stability of the entire network and the scalability of the solutions.

The control of large-scale dynamical systems is one of the biggest challenges facing control engineers today. Large-scale systems are common in applications such as chemical process control, highway control and air traffic control, among others. The size and complexity of such systems does not allow to use both analysis and synthesis tools from the classical and centralized control literature. In order to manage the complexity and the amount of computation required to analyse and control a large-scale system, designers are often forced to break down the whole problem into smaller subproblems towards solving such subproblems separately, and then to combine their solutions in order to get a global result for the original task. However, resultant subproblems are not independent. Some coordination or modification of their solutions might be necessary in order to consider the interrelationships among the constitutive subsystems, always keeping in mind the goal of reaching the best control performance.

The objective of this individual Research Project is to investigate, propose and design alternative topologies and control schemes from a non-centralised perspective for distributed power generation systems with the aim of getting smaller subsystems and coordinating their management via supervisory techniques based on optimisation of global criteria.

TASKS:

- Exploring techniques for partitioning the entire system in order to avoid performance degradation when uncertainties and disturbances are taken into account.
- Studying and evaluating the use of alternative topologies and control schemes for large-scale complex energy grids from a non-centralised perspective.
- Designing supervisory techniques based on optimisation of global criteria for the management and control of non-centralised energy networks.

EXPECTED RESULTS:


- A set of control methodologies for control of large-scale complex energy grids taking into account the interaction between the control strategies and the dynamic partitioning approaches.
- A generic software tool for analysing and designing the closed loop topology for a test grid.

Figure 14. Research – Page corresponding to IRP1.1

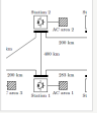
2.5.3 Publications

The **Publications** page will be the repository of all scientific publications produced in the frame of the project INCITE. This page aims to comply with the Open Access policy required to all H2020 projects by providing free access to the post-prints of the publications resulting of the research activities funded by INCITE. The Publication page will be hidden until the first results are published.

Each new publication will be posted using a Blog format to maximise the visibility of the outcomes. By using Blog posts, each publication will appear in the **Home** page and in the RSS feeds. The authors will explain in simple words the general idea of the results with attractive images in order to attract the attention not only of the scientific community but also general public and decision makers. The posts will also include the list of authors, journal, year of the publication, and tagged according to its content.

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PUBLICATIONS



Coordinated frequency control using MT-HVDC grids with wind power plants
Fernando D. Bianchi and Jose Luis Dominguez-Garcia
16 FEBRUARY, 2016

In the last years, wind power has continuously increased the participation in the power generation share. For transmitting the power generated from wind power plants...

ARCHIVES BLOG

Archives Blog

Select Month ▼

RECENT BLOG

Figure 15. Research – Example of the Publications page.

2.6 Training

The **Training** page includes information about the educational events that will be organised according to the INCITE training programme. Three kinds of events are foreseen: Workshops, Summer Schools and Final Conference. During the project, each upcoming event will be fully described and promoted through this page.

TRAINING




- 
1.First Workshop
To be held at VITO in November 2016
- 
2. Second Workshop & First INCITE Summer school
To be held at UPC in May 2017
- 
3. Third Workshop
To be held at GE in November 2017
- 
4. Fourth Workshop & Second INCITE Summer school
To be held at TU Delft in May 2018
- 
5. Fifth Workshop
To be held at IREC in November 2018
- 
6. Sixth Workshop & Third INCITE Summer school
To be held at UniBo in May 2019
- 
7. Seventh Workshop & Final Conference
To be held at IREC-UPC in November 2019

Figure 16. Training page.

2.7 News & Events

The **News & Events** page serves to inform about events, activities and other developments related with the Project and research field. The last posts are also included in the **Home** page and automatically published in a RSS feed. Interested people can subscribe to the news feed at

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<http://www.incite-itn.eu/feed/> in order to follow the progress of the Project. The **News & Events** page offers a repository for all posts published along the project life.

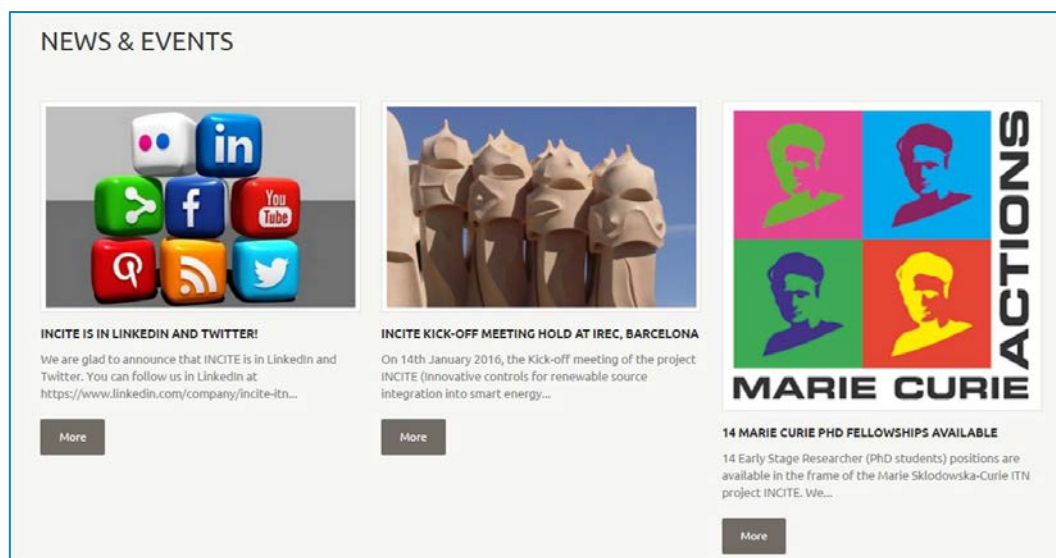


Figure 17. News & Events page.

The page corresponding to a particular post includes, in addition to the news content, date, author and link to share in social networks. The page also includes a navigation sidebar with the last posts and the archive of the older blog posts.

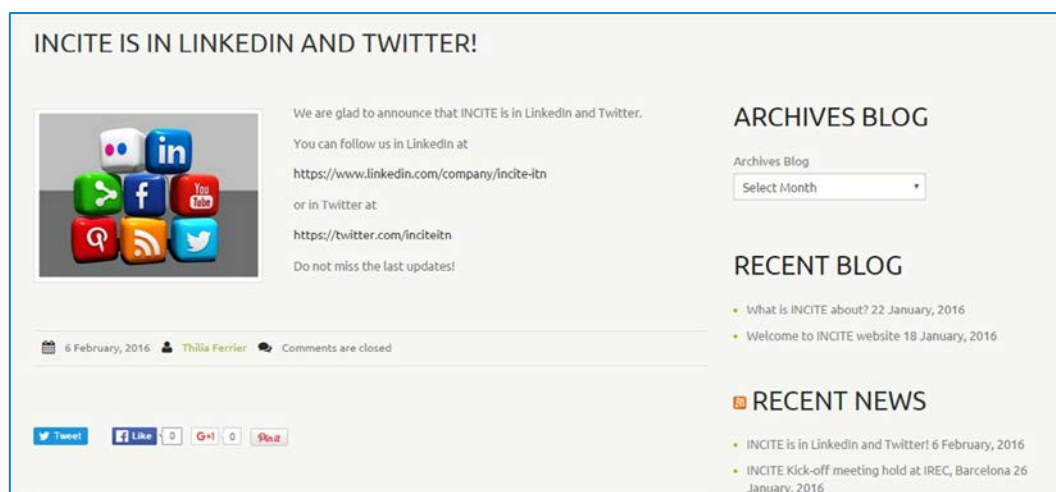



Figure 18. Example of a News & Events page.

2.8 Blog

The **Blog** is planned as a communication tool aimed to general public and policy-makers. The idea is that participants and especially the ESRs explain their Research with simple words, to be easily understood by non-specialised audience. To maximize the visibility of these contributions, the last posts will be also listed in the **Home** page and the sidebar included in several page of the website.

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The posts will be also published in the RSS feed in order that interested public can subscribe to follow the publications of the participants and ESRs. To reinforce the impact, the post will be also announced in Twitter and LinkedIn accounts.

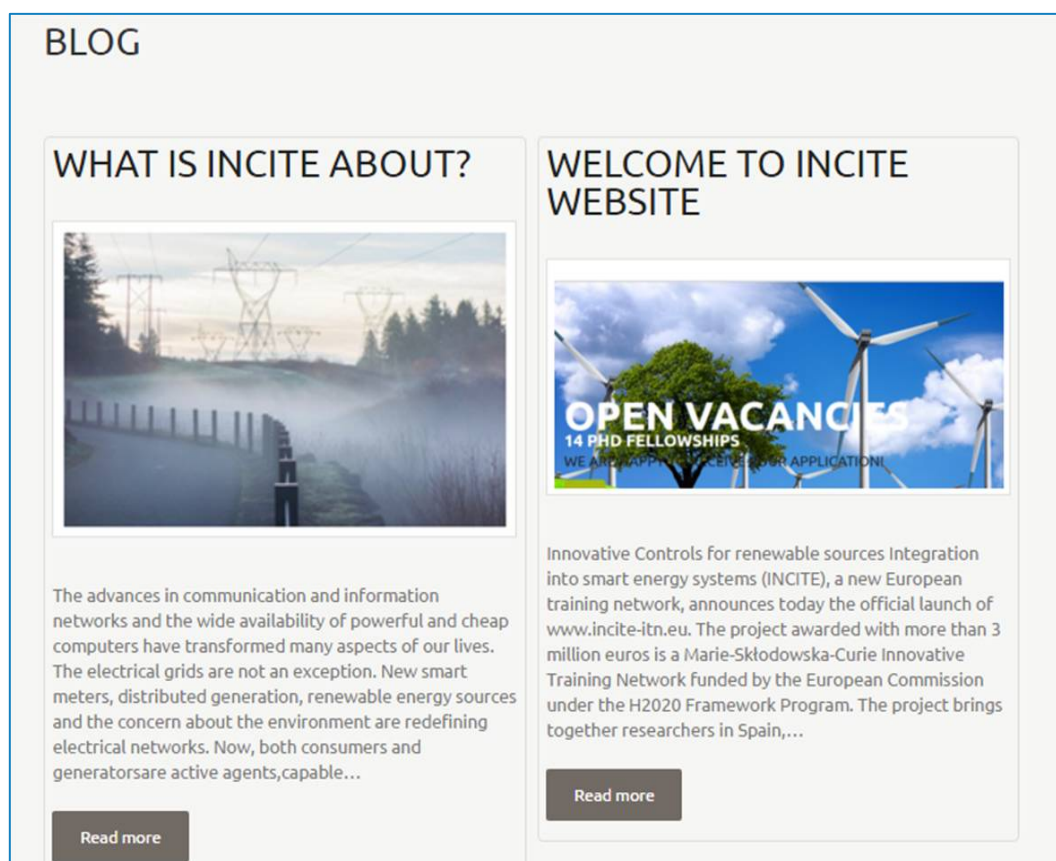


Figure 19. Blog page.

2.9 Vacancies


The **Vacancies** page is crucial to publish the ESR positions and implement the recruitment. Although the job vacancy has been published in Euraxess and other channels, this page is used as the ultimate reference to provide a full description of the tasks and conditions related with each open position. This page is divided in two pages: the vacancy descriptions and the application form.

2.9.1 Vacancy descriptions

This page includes a description of the conditions that the candidates have to fulfil to be an eligible MSCA fellow, a link redirects the applicants to the H2020 MSCA website for further details, and the steps to submit the application (see Annex I).

The information about the fourteen available ESR positions is listed in a table. This indicates the position name, the project title, the host institution, location and the deadline for application. A link in each project titles allows downloading a pdf document with a complete description of the corresponding position and conditions for applying. Each pdf document includes:

- a general information regarding the job position: title, employer, duration of the contract, deadline to apply and date for the communication result;

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- a detailed description of the job position: objectives and tasks of the IRP, career plan (PhD programme and secondments) and supervisor;
- eligibility conditions;
- skills and requirements;
- a description of the employment contract;
- a description of the selection process;
- instructions for applying.

The column *Status* provides access to the application form.

2.9.2 Application form


A job application form has been build and agreed by the Consortium before launching the job vacancies. All applications must be submitted using the on-line submission system and the INCITE templates (Application form, CV and Motivation letter) available for downloading in the application form page. The application using web forms simplifies the data processing and reduces errors.

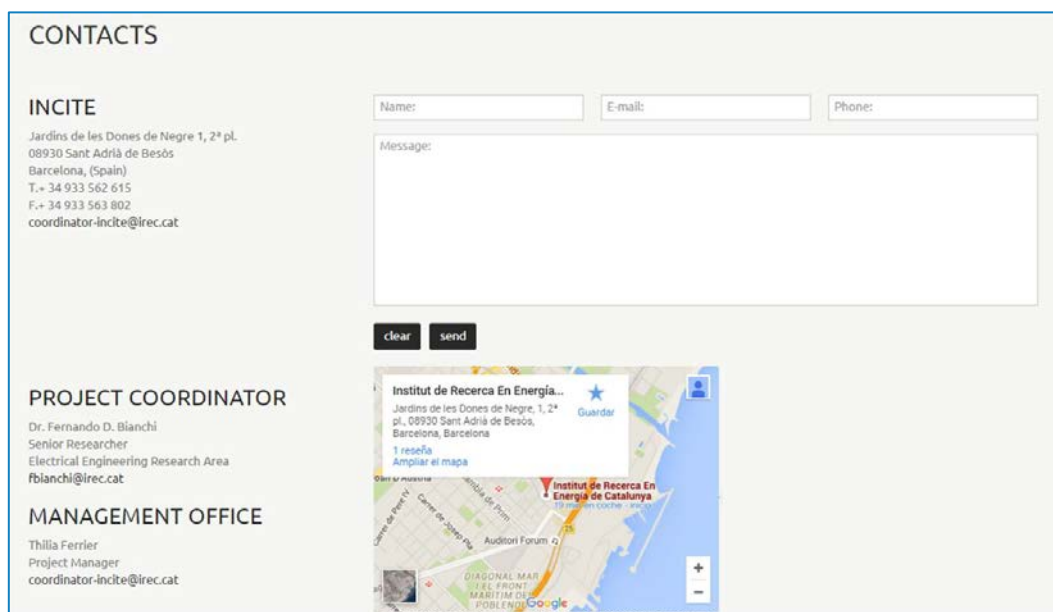
The application form (see Annex II) includes fields corresponding to the basic contact information: Name, Surname, and Email. The form also includes three checkboxes, in which the candidates must confirm that they have checked the ESR conditions, mobility rules and the full description of the position. Four dropdown lists allow the candidate to indicate the PhD Position(s) they are applying for. Applicants are invited to choose up to 4 PhD Positions in order of preference using this dropdown lists in which all available positions are listed. The applicants must attached the INCITE Application form, the INCITE CV, the INCITE Motivation letter(s) (one for each position applied for) and academic records by using the **Choose File** buttons. All attachments must be in the required format and size as specified in Annex.

The system will allow the submission of the application only if the mandatory fields are completed (indicated with asterisks) and the check-boxes are marked. By marking the check-boxes, the applicant is certifying that she/he complies with the Early Stage condition, the Mobility rule and the PhD programme requirements. The applicants must also agree with the Private Policy of INCITE (a requirement of the Spanish law about personal data protection). Before submitting, the applicants must click on the CAPTCHA and the Send button to avoid spam.

2.10 Contact form

This page allows contacting of the INCITE coordinator (Fernando Bianchi) and the Central Management Office using a simple contact form. All messages received through this contact form are sent to the Project email address and will be read and answered regularly.

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CONTACTS

INCITE
Jardins de les Dones de Negre 1, 2ª pl.
08930 Sant Adrià de Besòs
Barcelona, (Spain)
T.+ 34 933 562 615
F.+ 34 933 563 802
coordinator-incite@irec.cat

PROJECT COORDINATOR
Dr. Fernando D. Bianchi
Senior Researcher
Electrical Engineering Research Area
fbianchi@irec.cat

MANAGEMENT OFFICE
Thilia Ferrier
Project Manager
coordinator-incite@irec.cat

Name: E-mail: Phone:

Message:

Map: Institut de Recerca En Energia de Catalunya
Jardins de les Dones de Negre, 1, 2ª pl., 08930 Sant Adrià de Besòs, Barcelona, Barcelona
1 reseña
Ampliar el mapa

Figure 20. Contact form.


2.11 Update of the INCITE website

This deliverable should be regarded as a snapshot of the website at February 2016 and presents the initial setup of the site. The website will be a tool in continuous update and evolution during the entire life of the Project. News and Blog posts will be periodic added, dissemination material will be uploaded and information about ESR and activities will be posted. In addition to this, periodic reorganisation and changes in some sections are also foreseen as the Project evolved in order to adapt it to the needs and changes of the Dissemination and Exploitation Plan. The traffic analysis will be used to adapt the website content and structure in order to maximise the impact on the communication and dissemination of the project outcomes.

3 INCITE SOCIAL NETWORK

Nowadays social networks are one of the most effective communication tools. For this reason, the use of these networks is one of the most important pillars of the INCITE Communication and Exploitation Plan. The INCITE social network intends to ensure an efficient dissemination by informing and communicating the stakeholder (general public, scientific community and industry) about the progress and outcomes of the project. At the time of this deliverable, INCITE has a social media presence on Twitter and LinkedIn as described below:

- **Twitter.** The INCITE twitter account [@inciteitn](https://twitter.com/inciteitn) at <https://twitter.com/inciteitn> intends a quick and easy dissemination of all recent activity regarding the project.
- **LinkedIn.** To address professionals, an INCITE company page has been setup on LinkedIn at www.linkedin.com/company/incite-itn and all partners have been invited to join. For realizing a positive interaction among Group members, it is necessary to generate a continuous flow of information and discussions at a very high quality level. News & Events published on the INCITE web site will be shared on the LinkedIn page.

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INCITE social network accounts are accessible from the website as previously explained.

As part of the evolution and adaptation of the communication plan, new social media channels will be included such as an own page on Facebook.

4 INTERNAL COMMUNICATION TOOLS

In the interest of saving time and money, the consortium decided to use market-available tools for the internal communication instead of developing a specific one for INCITE. The web-cloud service Microsoft Office 365 offers an online work platform for collaboration and project management in one centralised place. The deployment of this tool is planned for the end of month 3.

The connection to the Office 365 tool is possible at the address <https://login.microsoftonline.com> and will be only accessible by partner representatives, ESRs and managers of the CMO. The privacy of the tool is password-protected; each user will have a unique username and password that gives him access only to the areas of the website relevant to him.

4.1 General description of Microsoft Office 365 platform

Office 365 is the brand name used by Microsoft for a group of software plus services subscriptions that provide productivity software and related services to its subscribers. The platform includes email, calendars and social networking services through hosted versions of Exchange Server, Skype for Business Server, SharePoint and Office Online and Lync services. All these services allow the fluid communications and interactions needed in international collaborative projects like INCITE. The services are accessed via an Internet Browser and therefore they can consider a multi-platform (Windows, Linux, Mac, etc.) system suitable for collaborative work among institutions with different structures and tools.


4.2 The Office 365 functionalities

The Consortium will subscribe to the Office 365 Business Essential plan that includes:

- Email
- Shared calendars to ensure a timely delivery of reports and deliverables, and facilitate the network-wide announcement of events and important deadlines.
- Online conferencing, instant messaging and Skype connectivity to ensure continuous and fluid communication among participants of the Project.
- Cloud storage service OneDrive with 1 TB of capacity for each user.
- Team sites for an easy access and shared of documents.


4.3 The INCITE Project Library

The INCITE Project library will be an internal documentation management systems in which all administrative material will be storage and shared. The library will be structured in different folders in which each user will be able to access according to the permissions assigned in function of she/he role in the Project.

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The general structure of the library will be as follows:

- **Contact list:** organisation chart of the project and the latest version of the project contact lists.
- **Legal Documents:** all legal documents of the project (Grant Agreement, Consortium Agreement and Bilateral Agreements).
- **Meetings:** information about the different meetings taking place in INCITE (Supervisory Board, Teleconferences, Committees meetings, etc.), such as agendas, minutes, presentations, and other documents.
- **Work Packages:** specific information of each of the WPs (IRP results) and their corresponding deliverables.
- **Templates:** INCITE templates both for the internal running of the project and for dissemination purposes.
- **ESR:** information related to each INCITE ESR (Secondments, CV, contract, CDP).

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ANNEXES

Annex I. Vacancies page

VACANCIES

The network supports the recruitment of fourteen Early Stage Researchers (ESRs) during 36 months. Each ESR will be working on an individual Research Project (IRP) in the host institution and will have secondments related to their research in other academic and industrial partners of the network. All ESRs will be enrolled in a PhD programme and the development of the IRPs will be part of their thesis. Tuition fees will be covered by the fellowship.

The network will also support training activities and periodical events, which will allow the ESRs to develop their career in a multi-sectorial environment and to obtain a wide knowledge on the control of electrical networks.

In Marie Skłodowska-Curie Actions, ESRs are paid a competitive salary (adjusted for the host country), including a Mobility Allowance and a Family Allowance (subject to family situation).

To be eligible as an ESR:

- The candidate must not have resided or carried out his/her main activity (work, studies, etc.) in the host country for more than 12 months in the 3 years immediately prior to his/her recruitment under the project (short stays such as holidays are not counted).
- The candidate must be within 4 years of the diploma granting you access to doctorate studies at the time of recruitment and has not yet been awarded the doctorate degree.
- The candidate may be of any nationality.
- The candidate must work exclusively for the project during the employment contract.
- The candidate must fulfill the conditions to be admitted in the PhD programme indicated in the Job Vacancy.

These conditions must be fulfilled at the starting date of the contract. The starting date for each position is tentative.

More information about eligibility criteria and Marie Skłodowska-Curie European Training Networks can be found in:

http://ec.europa.eu/research/mariecurieactions/about-msca/actions/itn/index_en.htm

JOB VACANCIES


All applications must be submitted using the on-line submission system and the INCITE templates available in the INCITE application form - www.incite-itn.eu/application-form.

To submit your application, please follow the steps below:

- **Step 1:** In the column "Project title" of the table below, download the PDF file corresponding to the Job Vacancy(ies) you are interested in and read carefully all the conditions.
- **Step 2:** Click on Apply in the column "status" of the table below.
- **Step 3:** Download the INCITE templates available in the INCITE application form - www.incite-itn.eu/application-form: Application form, CV and Motivation letter one for each position you are applying for (you can apply up to 4 positions indicated your order of preference).
- **Step 5:** Fill in and scan the required information.
- **Step 6:** Upload the information in the application form www.incite-itn.eu/application-form.

If you need further information, please contact coordinator-incite@irec.cat

Position	Project title	Host Institution	Location	Deadline for Application	Status
ESR1.1	Partitioning and optimisation-based non-centralised control of dynamical energy grids [PDF]	UPC	Barcelona, Spain	21/02/2016	Apply
ESR1.2	Decentralised control for RES by fast market-based MAS [PDF]	TU Delft	Delft, Netherlands	21/02/2016	Apply
ESR1.3	Hybrid agent-based optimisation model for self-scheduling generators in a market environment [PDF]	TU Delft	Delft, Netherlands	21/02/2016	Apply
ESR1.4	Development of non-intrusive and intrusive energy-management algorithms [PDF]	VITO	Genk, Belgium	21/02/2016	Apply
ESR2.1	Energy flexible and smart grid/energy ready buildings [PDF]	IREC	Barcelona, Spain	21/02/2016	Apply
ESR2.2	Control and management of storage elements in micro-grids [PDF]	UPC	Barcelona, Spain	21/02/2016	Apply
ESR2.3	Robust management and control of smart multi-carrier energy systems [PDF]	TU Delft	Delft, Netherlands	21/02/2016	Apply
ESR3.1	Control strategies for hybrid AC-DC grids [PDF]	IREC	Barcelona, Spain	21/02/2016	Apply
ESR3.2	A new modelling approach for stabilisation of smart grids [PDF]	UGA	Grenoble, France	1/04/2016	Apply
ESR3.3	Distributed control strategies for wind farms for grid support [PDF]	IREC	Barcelona, Spain	21/02/2016	Apply
ESR4.1	Integrated simulation for MAS design and testing [PDF]	UniBo	Bologna, Italy	1/04/2016	Apply
ESR4.2	Fault detection and isolation for renewable sources [PDF]	UGA	Grenoble, France	1/04/2016	Apply
ESR4.3	Advanced monitoring and control of electrical distribution grid [PDF]	CE-CR	Munich, Germany	21/02/2016	Apply
ESR4.4	Advanced functionalities for the future smart secondary substation [PDF]	Efacec	Porto, Portugal	21/02/2016	Apply

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Annex II. Application form page

APPLICATION FORM

To apply for the position complete and upload the following information:

1. The application form (download **INCITE template**)
2. A detailed CV, including list of publications, a Master thesis summary and the names of two referees (name, title, affiliation, e-mail and telephone number(s)) who are willing to provide detailed recommendation letters about the candidate. (download **INCITE template**)
3. One motivation letter for each position applied for (download **INCITE template**)
4. Copies of academic transcripts and degree certificates, in English

Important: Please do not remove any fields in the templates.

First Name*

Last Name*

E-mail*

☐ I confirm that I comply with the **Early Stage Condition**: the Applicants should be, at the time of recruitment by the host institution, in the first four years (full-time equivalent) of their research careers and have not yet been awarded a doctoral degree. This is measured from the date when they obtained the degree which would formally entitle them to embark on a doctorate.

☐ I confirm that I comply with the **Mobility rule**: At the time of recruitment, the applicant must not have resided or carried out the main activity (work, studies, etc.) in the country of the host institution for more than 12 months in the 3 years immediately prior to his/her recruitment under the project.

☐ I confirm that I read the **Job Vacancy Description(s)** and comply with the **PhD programme requirements**.

You are applying for the PhD Position(s): (in order of preference)

Upload Application Form* (PDF files only, 2MB max)
 No file chosen

Upload CV* (PDF files only, 2MB max)
 No file chosen

Upload Letter 1* (PDF files only, 2MB max)
 No file chosen

Upload Letter 2 (PDF files only, 2MB max)
 No file chosen

Upload Letter 3 (PDF files only, 2MB max)
 No file chosen

Upload Letter 4 (PDF files only, 2MB max)
 No file chosen


Upload transcripts* (PDF or ZIP files only, 2MB max)
 No file chosen

☐ Disclaimer: By completing this application you are agreeing with the **Private Policy** of INCITE.

Note: Only applications using the indicated format will be evaluated

Checkboxes and fields with (*) are mandatory

Validate:

☐ No soy un robot 

If you have problem to send the form, please check if all fields are complete and the files have the extensions and size required.

If the problem persists please contact: coordinator-incite@irec.cat