

Deliverable 8.2

Report on communication activities – 1st year

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1. Executive Summary

The 1st Report on communication activities (D8.2), describes and analyze the specific communication activities made by the MAESTRI's consortium in the initial phase of the project.

It is designed to complement and report communication activities and result which the consortium planned in the D8.1 "Communication and Dissemination Strategy" at the beginning of the project. As the general aim of the Communication will be shortly reclaimed in the "Objectives of the Communication" below, the current deliverable provides an account of methods and activities undertaken during this 1st year of the MAESTRI project.

In achieving this outcome, the current deliverable will not replicate the aims contained in D8.1 but rather seeks to monitor and report on delivered communication activities and their relative impact

2. Objectives and overview of the dissemination

All along the MAESTRI project a continuous monitoring and evaluation of dissemination and exploitation activities will be pursued in order to enhance impact on project's activities. A fundamental enabler to achieve high-performance dissemination and exploitation is the structure of the MAESTRI consortium. Within the project timeline at least two Exploitation Strategy Seminars are planned. The first one has taken place within the first six months of the project (see D7.1), in order to support the consortium set realistic, achievable and focused actions. The second will be scheduled once the first tangible results are ready for a deployment stage, in order to recalibrate the consortium's focus, towards maximising the potential of results exploitation.

The connections with the national and regional entities that participate in the SusChem Platform (European Technology Platform for Sustainable Chemistry) and SPIRE PPP, has been explored by the consortium aiming also to enhance activities in this field. These initiatives intend to contribute for the reindustrialisation of Europe with focus on sustainability and excellence levels of processing efficiency in European and particularly at a regional level.

Due the fact that the project involves the generation and sharing of potentially private and confidential data, special focus will be allocated in the security and privacy of collaboration and information exchange. The project data management platform will feature advanced security protocols and the data will be encrypted. This is essential due to the fact that intellectual property and data regarding the pilot cases will be exchanged between the partners.

The impact of dissemination of the project will be addressed by multiple actions, namely to inform European process industry stakeholders, research communities (RTOs and universities), as well as system and equipment developers for process industry, of the achievements of the project and of the benefits. They will derive from the adoption of an innovative and flexible platform to enable the assessment of the main inefficiencies regarding resource and energy consumption, and consequently evaluate and support the decision making process on the





implementation of added-value improvements. Dissemination activities will support the exploitation and take-up the project outcomes.

Apart from the dissemination of project's results through project website, social networks, partner's annual reports, etc., targeted dissemination actions are envisaged. These targeted actions will involve key stakeholders at European level from academia, industry and government. Each partner will remain committed and mobilise stakeholders to multiply the effects of the dissemination actions throughout the project in his country/region. The consortium includes 15 partners from 5 EU countries (Portugal, Germany, Italy, UK and Poland) with strong presence in the process industry related events, which will support the dissemination strategy around Europe. A continuous improvement on external dissemination strategy will be realized to ensure a mid- and long-term impact by informing the target audiences.

The foreseen activities related with the dissemination strategy are described in the following table, note that most of the dissemination will occur during the last 9 months of the project, when all the public results and the demonstrators will be ready.

Month	Activity	Participants/Target Audience	done
-12 - 0	Creation of awareness of the project objectives through the Project Consortium; Spreading and refining the project ideas during the proposal preparation	European process industries; European process equipment manufacturers; European process monitoring and control systems providers; Research Community	√
1 - 6	Web site set up, project presentation Appearance in social networks (e.g. Linkedin) Newsletter (Issue 1) in electronic form, reporting the project highlights Establishing of User Interest Groups (UIG) of the process industry companies, potential system users	European process industry ICT - process monitoring and control systems providers RTD community	√
7 – 12	General project information on internal and external seminars, in related communities, including the UIGs, relevant professional associations etc. Leaflet describing the initial results. Newsletter (Issue 2)	Process equipment manufacturers and users – potential system users RTD	√
12–36	Paper presentations on 2-4 conferences Europe-wide and journal articles 1	Wider European process industry community; Promotion Entities, Standardization Bodies; RTD community;	

¹Well-known scientific and industrial journals, magazines, newspapers (e.g. IEEE Transactions, Elsevier Journals, ACM series) will enable dissemination through technical and research papers in. The highest impact journals within each sector will be the first option for publication.



* * * *

Month	Activity	Participants/Target Audience	done			
	Workshops and seminars for Intermediaries Newsletter (Issue 3) Workshops and seminars for presentation of the early prototype	ICT (process monitoring and control) community – vendors; Policy makers for environmental aspects				
30- 48	Business case presentations – Demonstrators, Web page updates Newsletter (Issue 4) reporting the major results. Publishing of the project results in at least 3 targeting journals Direct contacts with at least 20 control system manufacturers Final Public Report	Wider European process industry community; RTD community (world); Policy maker creators, Wider society				

The main goal of such a plan will be to strengthen the vision and results of the project on a large scale by establishing a well-defined strategy that will include: a) the definition of the specific target groups as well as the actions required to communicate with them; b) identification of the right dissemination tools to be developed, messages to convey, channels to be exploited, geographical coverage of knowledge transfer and dissemination activities; and c) proper timing and level of intensity of all activities by establishing an efficient actions timetable.

The target audience for dissemination includes different process industries, monitoring and control systems vendors, their business clients, RTD community, SME with R&D capacities and broader society are within the target audience. It should be noted that the end users of the platform will be mainly ICT companies, RTD's, SME with R&D capacities and software companies, since this type of organizations are more prone to be able to use the platform and preform the proper developments over its basis, as well as install and connect all the metring devises with the platform and develop the customized interfaces. Besides the ICT's and software developers, SME's, RTD's and other bodies related to consulting services, focused on process optimization, efficiency and eco-efficiency assessments, are also a target group for the vast services that they can offer with the platform, in the customization and deployment of the Total Resource and Energy Management System. The pilot implementations in real industrial production units are the end users of the Total Resource and Energy Management System, with the software integration and direct feeding of data, for more rapid assessment of systems efficiency and improvement actions execution on the most inefficient situations.

Within the process industries pilot implementations the target groups are: (1) TopManagement; (2) Middle-Management; (3) Plant manager; (4) Production/Energy/Environment/Quality/Maintenance managers; (5) Companies financial department; (6) Operators. Such target groups are foreseen, since the software will support decisions at many levels and will assist the companies to enhance their sustainability through resource and energy efficiency improvements, which should take place on the shop floor and





be part of the management's strategic vision for sustainable manufacturing and environmental and economic sustainability.

Consortium has elaborated a dissemination strategy in detail during the development of the Plan for the exploitation and dissemination, however, to assure maximum commitment of project partners over the entire project duration and after its completion, the dissemination activities were already planned along the proposal preparation.

All publications or any other dissemination relating to foreground will include the statement (translated into the language of the dissemination activity) to indicate that the foreground was generated with the assistance of financial support from the EC. All dissemination activities will be reported in the Plan for the exploitation and dissemination of the results, including sufficient details/references to enable the Commission to trace the activity.

An appropriate approach to communication will be furthermore defined updating the communication plan, to ensure a high visibility of the project actions and help maximise the impact of the project results. The communication measures for promoting the project and its results during the period of the grant, as described above under the dissemination topics, will be focussed on creating and maintaining direct contacts with as wide as possible communities potentially interested for the project results. The communication ways will include, not being limited to, direct contacts with UIG members, participation at different scientific events, the related fairs and contacts and social networks. To support to communicate issues related to the project of the importance for wider community, the consortium will use the articles also in newspapers and popular journals dealing with technical topics (content).

Internal Dissemination within partners' networks

Each of the consortium partners will organise seminars as well as internal meetings during the project development to inform their employees about the project achievements and business benefits for their organisation, specifically addressing potential multipliers, capable of spreading the messages over the entire community of interested organisations. The main aim of the internal dissemination will be to foster a wider reuse of results within the partner's institutions, while the key employees will be encouraged to monitor the project achievements by regularly visiting the MAESTRI Web site. Wider internal dissemination (outside the immediate groups involved) will have a substantial internal audience as well as an external impact by close cooperation within network environments, as presented in next Table.

Audience	Potential audience / Dissemination multipliers	Number of participants
Applied research	Researchers, academics, consultants and learners	600 persons dedicated to knowledge transfer at universities and
institutions and universities	Researchers, lecturers and learners, students	RTD institutions







Audience	Potential audience / Dissemination multipliers	Number of participants
Process Monitoring and control equipment vendors	Companies and their business partners, as well as a number of networks to which they belong	About 100 designers and service providers as well as shop-floor experts at 3 industrial partners and their customers who may be involved in collaborative PSS engineering; About 500 experts in their networks
ICT providers	Consultants, IT developers, IT researchers	About 100 persons dedicated to commercial and research activities

Relation to SusChem platform and SPIRE PPP: The consortium has already established strong connection to **SPIRE PPP** and will assure that the work to be carried out will be in line with further MANUFUTURE strategy.

Project Web Site: A project web site has been established early in the project to provide wide dissemination of the results and papers, and information about the project. All public deliverables will be available on the internet site including the MAESTRI project presentation and leaflet.

User Interest Groups: UIG be established in 5 European countries (Portugal, Germany, Italy, UK and Poland. Seminars will be held in these 5 countries to publicise the project to the UIG members, and they will be kept informed of progress. The seminars will be very useful in getting feedback from other organisations. There will be two workshops in each country during the project (in Italy and Portugal we foresee 3 workshops/training sessions). The workshops differ on the basis of the target public. There will be workshops/training sessions aimed to involve the general public, as potential multipliers of project outcomes. In this typology of workshops professionals, practitioners and company technicians/middle managers will be involved. Another typology of workshops/training sessions will be specific and organised in potential companies and sectorial associations and clusters interested in replicate the MAESTRI system. The description of training activities is detailed in WP 8. The interest that MAESTRI subject raises in different sectors is evident in the received letters of intent of support, that include: 4 Sectorial Platforms [DECHEMA (Society for Chemical Engineering and Biotechnology), PRODUTECH (Production Technologies Cluster) and ENEGRYIN (Competitiveness and Technology Cluster for Energy) and WCCT (Wroclaw Center for Technology Transfer)] and 2 companies [SACMI IMOLA S.C. and Pirani Srl].

Video Demonstrators: Video demonstrators will serve as a powerful tool for project results dissemination. They will be made available in different forms (as case study, movies and life demonstrators for visitors).

Social networks: LinkedIn, Youtube Channel and Twitter as Electronic information channels (using also partners' own websites, relevant external ones, online journals and electronic newsletters) will be used to disseminate the project results to circles of individual contacts and wider potentially interested communities, respectively.

Intermediaries: Part of the project strategy is to bring in European platforms, organisations and associations, which support their industrial communities. The aim is to work with these organisations for dissemination, wider project impact, and for possible leveraging activities (these organisations either have some funds available to augment the project, or are able to





apply for government funding). These intermediaries will disseminate project publicity and other documents, and will provide seminar and exhibition space for project dissemination, e.g. ATB disseminates results in co-operation with the Innovation Relay Centre AXON in Bremen. ATB will also approach Government and regional support organisations. Both ISQ and INEGI have strong connections with most of the Portuguese Technological Centres (Metals, Textiles, Mouldmaking, special Tooling, Plastics, Leather, ...) which will be used to for the dissemination of project results within specific sectors. ISQ and INEGI have will also use their strong connection to sectorial clusters and platforms, such as ESTEP (European Steel Technology Platform) DECHEMA (Society for Chemical Engineering and Biotechnology), PRODUTECH (Production Technologies Cluster) and ENEGRYIN (Competitiveness and Technology Cluster for Energy) to increase the dissemination.

EC dissemination activities. The project will make use of the dissemination activities undertaken by the EC and by EC-funded projects in Horizon 2020, and other EC programmes. All possibilities offered for dissemination will be analysed and the project will use each opportunity that looks promising to enable an effective and Europe-wide dissemination of the project's experiences and results.

Journals/Conferences/Exhibitions. Journal articles and other publications will be part of the dissemination activities. All partners will publish papers on the project results, and will present the project at European and national conferences, conventions and exhibitions, both RTDoriented ones and those more oriented to process industry. The initial list of conferences that will be targeted for publication of papers and articles includes, but is not limited to: Global Conference on Sustainable Manufacturing, CIRP, etc. Moreover, the International Journals with high Impact Factor will also be targeted from prestigious international publishers (Elsevier, Springer and Taylor and Francis). Specifically, the following journals and trade magazines will be considered for publication: J. of Control Engineering, J. of Cleaner Production, J. of Manufacturing Science and Technology, Int. J. of Sustainable Manufacturing, Energy Technology, J. of Material Cycles and Waste Management, Int. J. of LCA, Flexible Services and Manufacturing J., among others. With regard to the dissemination of results through scientific publications, open access to the research results and data shall apply under the terms and conditions defined in the IPR Help Desk documents (as presented in Guidelines on Open Access to Scientific Publications and Research Data in Horizon 2020, Version 16 December 2013) which are to be laid down in the consortium agreement. Thereby, the consortium will take care to lay down terms and conditions under which open access to such results shall be provided, and taking into consideration the legitimate interests of the participants and any constraints pertaining to data protection rules, security rules or intellectual property rights. However, open access requirements in no way imply an obligation to publish results. The decision on whether or not to publish lays entirely with the project participants. Open access becomes an issue only if publication is elected as a means of dissemination. Moreover, open access does not interfere with the decision to exploit research results commercially, e.g. through patenting. Indeed, the decision on whether to publish open access must come after the more general decision on whether to publish directly or to first seek protection.

3. Target groups





Stakeholder engagement is key to the success of any initiative. One of the principal tasks of the MAESTRI Consortium is to define and agree upon stakeholder and target groups to be addressed by the dissemination and communication activities.

This task will form the basis of engaging stakeholders through interviews, focus groups, workshops and other means throughout the project and will ensure that the consortium's analyses, findings and recommendations are based on stakeholder reality.

The target groups of stakeholders can be divided into the following group:

- **Governmental/Policy makers:** This includes representatives from different levels ofgovernmental organisations such as the European Commission, Member State governments or local governments.
- Industries and Associations of industries: This includes private companies providing security solutions through research and development as well as manufacturers, suppliers, distributors, service providers, vendors, system integrators, industry associations and professionals at the frontline of addressing security needs.
- Consultants and supporting companies: companies which support industries withspecific services (e.g. energy audit). The consortium can leverage on their customernetworks to increase the effectiveness of dissemination.
- **Research institutions**: This includes organisations whose primary focus is highereducation and research, such as universities and other academic institutes.
- **The media**: includes all kinds of communications platforms like television, radio, newspapers, magazines, journals, blogs, and websites.
- General public

The following countries are represented in MAESTRI by individual partners: Germany, Italy, Poland, United Kingdom and Portugal.

It is expected that dissemination at the national and regional levels will be more intensive in these countries than other countries not represented in MAESTRI, although efforts will be made to disseminate outputs through additional existing networks.

Each partner has been provided with the table inserted below, in order to fill the addresses of the relevant actors in their networks. The table will be updated during the whole project duration.

4. Internal Dissemination tools

The internal communication within the MAESTRI was developed ensuring the involvement of all project partners in communication, and it is developed among project partners through electronic communication, the project website, partner meetings, etc.

- For the successful advancement of the project, the communication and cooperation among partners is accomplished with the use of following communication tools: e mail, the website of the project, videoconference, work meetings, telephone, and fax. The tools below are used in internal communication between the MAESTRI partners:
 - 2.2.1. Fraunhofer BSCW portal





All partners have to work together remotely. By using BSCW portal, a private online system, the collaboration from different locations is more fluent, but also more productive and organised.

2.2.2. Citrix GoToMeeting

This conferencing software makes it simple and cost-effective to hold online meetings with all the partners.

2.2.3. Consortium Internal Mailing List

The contacts between the members of the consortium of the project are maintained and facilitated by an internal mailing list. This mailing list was adapted to all the personnel actively working on the project, allowing a practical internal dissemination of information and an overall increase of the efficiency of the consortium.

2.2.4. Partner Meetings

The partner meetings and the advisory board are providing an effective mechanism for formative project evaluation. During the partner meeting (every six month), an overview of the active participation of all the partners of the project is given, involved in the explanation of the state of affairs of their contributions within the project, through power point presentations.

During the advisory board, all the members receive first-hand information concerning the ongoing of the project..

5. External Dissemination tools

5.1. VISUAL IDENTITY

With the aim of making each univocally identifiable business, product or result of the project, we decided to develop a coordinated visual identity used by each partner of Maestri. Every document, report and result must bear the logo of the project, the project logo SPIRE - Sustainable Process Industry through Resources and Energy Efficiency and the disclaimer as required between the obligations to the European Commission.

5.2. DISCLAIMER

The disclaimer must appear on all official communication of the project and be entered in English and depending on the language basis of deliverables. Addition to the assumption of responsibility, the disclaimer must also contain the reference to financing by the Horizon 2020 program with the number of the grant agreement. It shows the official name.

"This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 680570.

The sole responsibility for the content of this document lies with the authors. It does not necessarily reflect the opinion of the European Union. Neither the EASME nor the European





Commission are responsible for any use that may be made of the information contained therein."

The disclaimer mentioned above must be used together with the emblem of the European Union.

The logo of the SPIRE programme, as well as the Disclaimer, will appear on all official communication of the project, in all reports, on the deliverables, on the website, and on the training materials produced.

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The program logo SPIRE, in extended, compact, right angled and left angled versions, is the follows:









As required by the "Horizon 2020 Annotated Model Grant Agreement" available at: (http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/amga/h2020-amga_en.pdf), the emblem of the European Union will be as follows and will be used together with the disclaimer.







The disclaimer with the emblem of the European Union and the MAESTRI official logos will be present in the following versions:





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Total Resource and Energy Efficiency Management System for Process Industries









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5.3. MAESTRI LOGO

The official logos developed for the project are two: a graphics-only version and a version with the extended title of the project. Both types have a version for printing on white and a version for printing on black background. The different versions are as follows:









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5.4. TEMPLATES

In order to develop a coordinated project visual identity, all Maestri template see the project's logo and colors. The consortium has agreed to put the logo of all partners only in external communications.





Afterwards it is shown in the attached template for the various products of the project Masters:

- 1. **newsletter**: see attachment T8.
- 2. **deliverable**: if the product is a document, it must have the cover as shown in the model attached T1. For any other form in which it is presented a product of the project, must be present:
 - project name extensively: "MAESTRI Total Resource and Energy Efficiency Management System for Process Industries"
 - acronym: MAESTRI,
 - No of grant agreement: 680570
 - Project logos (one of those listed in Cap. 5)
 - Partners logos
 - EU logo
 - SPIRE logos
 - disclaimer
 - reference to WP and/or Deliverable
 - WP leader
 - format (paper, digital...)
 - language
 - website.
- **Training material**: the title page of the printed materials will be developed on the model of Annex T5 and T6; in every case the material should contain:
 - project name extensively: "MAESTRI Total Resource and Energy Efficiency Management System for Process Industries"
 - acronym: MAESTRI,
 - No of grant agreement: 680570
 - Project logos (one of those listed in Cap. 5)
 - Partners logos
 - EU logo
 - SPIRE logos
 - disclaimer
 - reference to WP and/or Deliverable
 - WP leader
 - format (paper, digital...)
 - language
 - website.
 - Documento object

The same recommendations apply for the cards of enrollments, attendance certificates and any other official documents related to the formation.

- 3. minute: see attachment T2
- 4. meeting attendence register: see attachment T3
- 5. power point: see attachment T4 and T6





6. Leaflets: see attachment T7.

The font type to be used will be the Century Gothic.

5.5. PROJECT SITE

This tool is devoted to enhance communication of the project results to our target audiences. Via website visitors are able to access further in-depth information about project results, PR materials, all publications of the project, services and tools, as well as detailed partner information. Announcements about the national workshops and other events can also be found there. The website will be updated with relevant news from the field of the project



MAESTRI - a H2020-Project under the SPIRE-PPP Initiative

The MAESTRI project aims to advance the sustainability of European manufacturing and process industries. This is done by providing a management system in the form of a flexible and scalable platform, and to guide and simplify the implementation of an innovative approach, the Total Efficiency Framework. The overall aim of this framework is to encourage a culture of improvement within process industries by assisting the decision-making process, supporting the development of improvement strategies and helping define the priorities to improve the company's environmental and economic performance. Its development and validation will be achieved through application in four real industrial settings across a variety of activity sectors.

 $The Total\ Efficiency\ Framework\ will\ be\ based\ on\ four\ main\ pillars\ to\ overcome\ the\ current\ barriers\ and\ promote\ sustainable\ improvements:$

a) an effective management system targeted at process and continuous improvement;

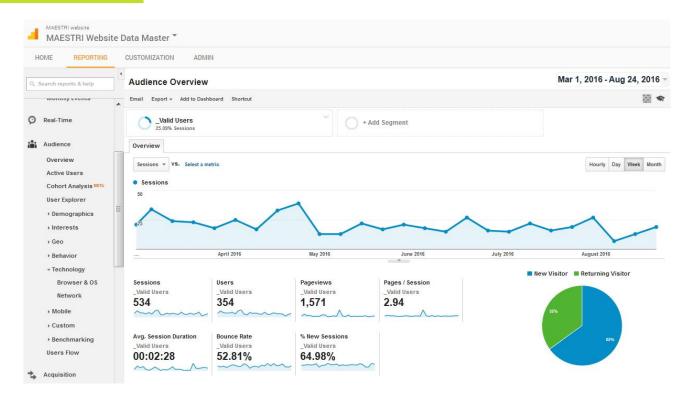
 $b) efficiency \ assessment \ tools \ to \ define \ improvement \ and \ optimisation \ strategies \ and \ support \ decision-making \ processes;$

Referring the monitoring of the website visits, the image below summarises the performance of this communication tool. http://maestri-spire.eu/





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As Twitter is a quick mode to link different informations and results from the Consortiums' work and from other relevant projects, results and specialized magazines, it is constantly used by the MAESTRI project (and linked in the project website) to spread useful information to target users.

Acutally, the selected hashtags for the project's official twitter accounts are:

#MAESTRI; #H2020; #SPIRE; #Lean; #IoT; #LCA; #IndustrialSymbiosis; #LeanManufacturing; #efficiency; #industry40

After one year to the start of the project, twitter page has increased followers and followings.



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Tweet: 435

Following: 806 (it was 405: +100%) Follower: 434 (it was 140: +310%) Likes: 247 (it was 135: +180%)

https://twitter.com/MaestriH2020

5.7. MAESTRI on LINKEDIN

On Linkedin, MAESTRI is diffused using a 'group'. A group is a virtual space in which group members can post, provide comments and discuss on different topics. An official linkedin group has been created.

In the official linkedin group it is possibile for every member to post contents related to the project and to comment posts and start discussion.

Other useful activities are related to the "reply" of post from other useful existing groups field-related with the MAESTRI project

The MAESTRI staff in charge to manage the group is:

- Giovanni Pede, SINERGIE group owner
- António J. Baptista, INEGI
- Emil Lezak, IZNAB
- Ricardo Rato, ISQ

The managers are allowed to moderate discussion and posts and to send invitation to new members.

https://www.linkedin.com/groups/8404326/profile

5.8. MAESTRI FLYER

The official leaflet of MAESTRI project.



The official SPIRE projects brochure.

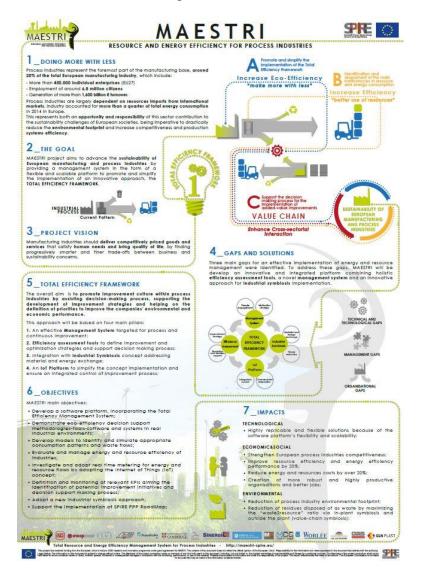






5.9. MAESTRI POSTER

Poster presentation for Industrial Technologies 2016 held in Amsterdam on June 22-24, 2016.









Poster presented during the EPSRC Industrial Sustainability Conference of Cambridge on July 7, 2016



5.10. MAESTRI NEWSLETTERS

Official first newsletter #1 of MAESTRI project.









5.11. PARTICIPATIONS ON DISSEMINATION EVENTS

Total number of Communication activities after the 1st year: 15

N°	Partner name	Date	Venue	Kind of event (press conference, speech to conference/seminar, stakeholders presentation, web article, send of newsletteretc)	audience/targets	Reached persons	Presented materials and records: Power point, photo, video, article, other	Description/Comments/Achi evements
1	ISMB	08/09/15	ISMB institute - Website	News about MAESTRI Kick-off on Istituto Superiore Mario Boella Newsletter in September 2015	ISMB institute researchers, customers and students. The web site and the newsletter are public.	ISMB institute researchers, customers and students. Professors and researchers from Politecnico di Torino university. The web site and the newsletter are public.	The Newsletter can be accessed here: http://www.ismb.it/en/node/ 3321	News about MAESTRI Kick-off on ISMB institute Newsletter
2	ATB	10/09/15	ATB Institute for Applied Systems Technology Bremen - Website	News about the start of the MAESTRI project on ATB's Institute Website	Visitors of the ATB website, e.g. shareholders, project partners, the general public	Visitors of the ATB website	The news item on ATB's website: https://www.atb-bremen.de/index.php?id=62 &L=1&tx ttnews%5Btt news%5 D=348&cHash=fbc32ef899809 2abfe9faeed9782d58e	A short description of the MAESTRI project and ATB's role in MAESTRI was published as news on ATB's website

3	UCAM	1/10/15	EPSRC Centre for Innovative Manufacturin g in Industrial Sustainability - Annual Report 2014- 2015	Annual Report 2014- 2015 of the EPSRC Centre for Innovative Manufacturing in Industrial Sustainability	EPSRC Centre mailing list consisting on university professors and researchers, manufacturing companies and sustainability consultants	EPSRC Centre mailing list. Attendees of EPSRC Centre events and conferences	The report can be downloaded here: http://www.industrialsustaina bility.org/media/60229- EPSRC_Centre_for_Industrial_S ustainability_AR_2014- 2015.pdf	Brief summary of MAESTRI project was included in the Annual Report of the EPSRC Centre for Innovative Manufacturing in Industrial Sustainability
4	UCAM	1/10/15	EPSRC Centre for Innovative Manufacturin g in Industrial Sustainability - Website	News about MAESTRI Kick-off on the EPSRC Centre for Innovative Manufacturing in Industrial Sustainability Newsletter in October 2015	EPSRC Centre mailing list consisting on university professors and researchers, manufacturing companies and sustainability consultants	EPSRC Centre mailing list consisting on university professors and researchers, manufacturing companies and sustainability consultants	The Newsletter can be accessed here: http://createsend.com/t/d-46FFA69E7D91C587	News about MAESTRI Kick-off on the EPSRC Centre for Innovative Manufacturing in Industrial Sustainability Newsletter
5	UCAM	1/10/15	Institute for Manufacturin g (IfM) Newsletter September 2015	News about MAESTRI Kick-off on the IfM Newsletter in September 2015	IfM mailing list consisting on both academic and industrial members	IfM mailing list consisting on both academic and industrial members	Newsletter is normally distributed in pdf and paper copies are exposed in the IfM building	News about MAESTRI Kick-off on the IfM Newsletter
6	INEGI	1/12/2015	Instituto De Ciência E Inovação Em Engenharia Mecânica E Engenharia Industrial (INEGI) Newsletter December 2015	News about MAESTRI on INEGI's Newsletter in December 2015	Academic and industrial members	Academic and industrial members	Newsletter is available in pdf and paper copies are exposed in the INEGI's building http://www.inegi.up.pt/public acoes/boletim/pdf/ bi 41.pd f	News about MAESTRI on the INEGI's Newsletter
7	INEGI	23/10/15	Instituto De Ciência E Inovação Em Engenharia Mecânica E Engenharia Industrial (INEGI) October 2015 Website	News about MAESTRI on INEGI's Website in October 2015	Academic and industrial members	Academic and industrial members	The news can be accessed here: http://www.inegi.pt/instituica o/noticias detalhe.asp?ano= 2015&idm=1&idsubm=9&id=3 2¬iciaid=727&LN=	News about MAESTRI on the INEGI's Newsletter





8	ATB	18/07/16	ATB Institute for Applied Systems Technology Bremen - Annual Research Report	Annual Research Report of ATB	ATB's shareholders, project partners and the general public via the ATB website	ATB's shareholders, project partners and visitors of the ATB website	The report can be downloaded from: https://www.atb-bremen.de/fileadmin/downloads/atb-bremen/Forschungsbericht EN 2015 v4.3.pdf	The annual research report about ATB's work in 2015, which was also announced on the ATB website and is publicly available for download, reported the start of the MAESTRI project
				WP 8 - Rep	oort on communication	n activities (CONFEREN	ICES)	
1	UCAM	5/04/16	Sustainable Design and Manufacturin g conference 2016, Chania, Greece	Paper presentation in the Sustainable Design and Manufacturing conference 2016, held in Chania, Greece, on 4, 5 & 6 April 2016	Researchers community working on sustainable design and manufacturing related topics	Researchers community working on sustainable design and manufacturing related topics	Conference website: http://sdm- 16.kesinternational.org/index. php	Holgado, M., Morgan, D., Evans, S. 2016. Exploring the scope of Industrial Symbiosis: implications for practitioners. Sustainable Design and Manufacturing Conference 2016, 4-6 April 2016, Chania, Crete, Greece. Volume 52 of the series Smart Innovation, Systems and Technologies pp 169-178. The Springer publication of this paper is available here: http://link.springer.com/chapter/10.1007/978-3-319-32098-4_15?no-access=true
2	UCAM	11/04/16	3rd International EurOMA Sustainable Operations and Supply Chains Forum, Lancaster, UK	Paper presentation in 3rd International EurOMA Sustainable Operations and Supply Chains Forum, held in Lancaster, UK, on 11- 12 April 2016	Researchers community working on sustainable operations related topics	Researchers community working on sustainable operations related topics	Euroma Forum website: http://www.lancaster.ac.uk/l ums/euromaforum/about- the-forum/	Holgado, M., Morgan, D., Evans, S. 2016. Supply Chain implications of Industrial Symbiosis in manufacturing industry. Working paper. 3rd International EurOMA Sustainable Operations and Supply Chains Forum, 11-12 April. Lancaster, UK.
3	JWO	19/04/16	18th ENERGY MANAGERS DAYS 2016, Portoroz, Slovenia	Presentation "J.W. OSTENDORF – A PAINT MANUFACTURER WITH A VISION OF ENERGY EFFICIENCY AND SUSTAINABILITY" with focus on MAESTRIi	Aroung 400 energy managers, energy experts, scientists, business consultants, company executives from the energy sector and industry	Aroung 400 energy managers, energy experts, scientists, business consultants, company executives from the energy sector and industry	http://www.dnevi- energetikov.si/program/	Presentation on J.W. Ostendorf's sustainability performance including an extensive description of the MAESTRI project.





4	ISQ	19- 20/4/16	SPIRE Project's Conference	Presentation of the MAESTRI project in the SPIRE Project's Conference, held in Brussels, BE, on 19-20 April 2016				
5	UCAM	7/07/16	EPSRC Centre for Innovative Manufacturin g in Industrial Sustainability Conference 2016, Cambridge, UK	MAESTRI and WP4 posters exhibited during the EPSRC Centre for Innovative Manufacturing in Industrial Sustainability Conference 2016, Cambridge, 7-8 July 2016	Attendees to the EPSRC Centre for Innovative Manufacturing in Industrial Sustainability Conference 2016. Academic community by poster diffusion through ResearchGate	Attendees to the EPSRC Centre for Innovative Manufacturing in Industrial Sustainability Conference 2016. Academic community by poster diffusion through ResearchGate	The ResearchGate DOI for the poster is DOI: 10.13140/RG.2.1.1542.9367	Description of the conference can be found here: http://www.industrialsustaina bility.org/news-events/capturing-sustainable-value/
6	UCAM	7/07/16	EPSRC Centre for Innovative Manufacturin g in Industrial Sustainability Conference 2016, Cambridge, UK	MAESTRI WP4 presentation done during the EPSRC Centre for Innovative Manufacturing in Industrial Sustainability Conference 2016, Cambridge, 7-8 July 2016	Attendees to the EPSRC Centre for Innovative Manufacturing in Industrial Sustainability Conference 2016. The presentation video is available in the EPSRC Centre Youtube Channel	Attendees to the EPSRC Centre for Innovative Manufacturing in Industrial Sustainability Conference 2016. The presentation video is available in the EPSRC Centre Youtube Channel	The conference presentation can be accessed here: https://www.youtube.com/watch?v=pmHCofW5GPE&feature=youtu.be	Description of the conference can be found here: http://www.industrialsustaina bility.org/news-events/capturing-sustainable-value/
7	ISQ	20- 22/7/16	The 7th International Conference on Systematic Innovation (ICSI 2016)	Paper and oral presentation of the MAESTRI project in the ICSI 2016 conference, Lisbon, PT, 20-22 July 2016	Conference attendants and research community		Conference website: http://www.icsi2016.com/	
				WP 8 - Report o	n communication acti	vities (POSTERS and BR	OCHURES)	
1	SINERGIE	9-10/6/16	R2B Research to Business	presentation of MAESTRI to italian and European companies and reserach institutions	research community, companies and industries	research community, companies and industries	http://www.rdueb.it/rdueb16/ pages/home/	Poster and MAESTRI brochure. 17 participants from Italy, Romania, Bulgaria, Turkey, Armenia, Germany





2	ISQ	24/06/16	European Conference Industrial Technologies 2016.	Networking conference in the field of new production technologies, materials, nanotechnology, biotechnology and digitalisation in Europe	Expert on research, industry, education, finance and policy from manufacturing and process industry and technology domains	Expert on research, industry, education, finance and policy from manufacturing and process industry and technology domains	Scientific poster		
	2	2 ISQ	2 ISQ 24/06/16	Conference Industrial Technologies	Conference Industrial Technologies 2016. Conference in the field of new production technologies, materials, nanotechnology, biotechnology and digitalisation in	Conference Industrial Technologies 2016. Conference in the field of new production technologies, materials, nanotechnology, biotechnology and digitalisation in industry, education, finance and policy from manufacturing and process industry and technology domains	Conference Industrial Technologies 2016. Conference Industrial Technologies 2016. Conference Industrial Technologies 2016. Conference in the field of new production technologies, materials, nanotechnology, biotechnology and digitalisation in industry, education, finance and policy from manufacturing and process industry and technology domains industry, education, finance and policy from manufacturing and process industry and technology domains	Conference Industrial Technologies 2016. Conference Industrial Technologies 2016. Conference in the field of new production technologies, materials, nanotechnology, biotechnology and digitalisation in Conference in the field of new production, finance and policy from manufacturing and process industry and technology domains industry, education, finance and policy from manufacturing and process industry and technology domains	Conference Industrial Technologies 2016. Conference Industrial Technologies 2016. Conference Industry, education, finance and policy from manufacturing and process industry and technology domains industry, education, finance and policy from manufacturing and process industry and technology domains industry, education, finance and policy from manufacturing and process industry and technology domains



