Deliverable D2.2

Final Plan for the Use and Dissemination of Foreground

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Executive Summary

Dissemination in the context of the MAPPER project focuses on two categories: firstly, it makes the project and its achievements visible to the outside world; secondly, it provides the means for uniform internal project communication. This document describes the MAPPER dissemination plan consisting of the specification of the dissemination tools (home page and communication kit), the dissemination channels, the dissemination processes, the dissemination roadmap, and the .specification of the MAPPER Key Performance Indicators (KPI). The latter are categorized into scalability indicators, strategic ones and financial ones. The project success is measured against forecasted indicator values.

This document is a living document, i.e., it will be updated bi-annually reflecting the effects of the project dissemination activities within the scientific and public audience in general and the multiscale community in particular.

1 Introduction

As an infrastructure project, MAPPER will be deploying a set of services for multiscale applications in various scientific areas. While these services are of primary interest to the MAPPER partner communities (see [1]), there is no doubt that a much broader scientific community will benefit from them as well. There is thus a legitimate interest in a wide-spread dissemination of the project's vision and results: potential users need to be aware of the project's existence; students should learn from the project's achievements; researchers should be informed and educated on new capabilities as offered by MAPPER; other projects may leverage the MAPPER findings; and citizen scientists should benefit from the services provided by MAPPER.

The main purpose of the MAPPER dissemination activities will thus not only be the pure promotion of the project results, but also the support of all stakeholders on how to use the MAPPER services. In order to achieve this goal, the stakeholders will be addressed through several channels: standard ones like conferences, workshops, or summer schools, and through dedicated media cooperations. Accompanying activities as defined in WP3 (Policy Support and Sustainability) are necessary for a well integrated approach, a description of these tasks, however, will be beyond the scope of this deliverable. Rather we refer to the particular documents in WP3.

Dissemination and outreach work is not a one-shot activity. Instead, it is a continuous effort. While most of the dissemination tasks during the project start phase will focus on the visibility

of the project and the project vision, this emphasis will shift towards disseminating the project achievements as the project progresses.

It should be noted that dissemination also represents an essential tool for the MAPPER management as it collects, combines and presents the information available from all other work packages for sound and consistent communication with the outside world.

The MAPPER dissemination objectives revolve around:

- demonstration of the benefits of the MAPPER services
- education of stakeholders
- promotion of the project vision
- attraction of (other) research communities

The means to achieve these objectives are:

- the MAPPER Communication Kit (MCK)
- the MAPPER Home Page
- the active participation in (and possibly organization of) conferences and/or embedded conference workshops
- dedicated media work
- the provisioning of dedicated training workshops

This document is the initial version of the dissemination plan for the MAPPER project. It will be updated regularly thereby reflecting "market changes" and identified best practices. The success of the means to achieve the aforementioned goals will be reported in the annual dissemination reports D2.4.1, D2.4.2 and D2.4.3.

2 MAPPER Dissemination Tools

The MAPPER dissemination tools will be used to enable and support the dissemination activities across the various channels (see section 3). They are subject to the dissemination processes (see section 4) and their life cycle is determined by the dissemination roadmap as outlined in section 5.

The dissemination tools consist of the MAPPER Home Page and the MAPPER Communication Kit (MCK).

2.1 MAPPER Home Page

The MAPPER Home Page is available at the URL http://www.mapper-project.eu. A screen shot of the entry page is given in Figure 1 below.

Figure 1: Screen shot MAPPER Home Page (as per end November 2010)

The MAPPER web site is based on wiki technology and it is divided in two sections: a public area and an internal area. The public area is available without signing in and it is maintained by the dissemination team. Each MAPPER community maintains their own part of the home page. These parts are also publicly readable. The internal parts require an authorized sign-in. Authorization is granted upon registration by the webmaster at the LMU MNM-team.

As a dissemination tool the web site offers four sections:

1. the project description sections (home, project description, applications and community, partners)
2. the educational section containing the (public) deliverables and the MAPPER publication (documents)
3. the information section (news)
4. for statistical purposes a hidden access counter

The web site will be maintained at the Ludwig-Maximilians Universität (LMU) München.

2.2 MAPPER Communication Kit (MCK)

The MAPPER Communication Kit (MCK) is a set of materials to be desribed below serving several purposes. Firstly, it introduces in a very concise format the MAPPER project vision and the achievements. Secondly, it supports implanting the project ideas in the minds of

other projects and communities. Thirdly, it supports all media work. Fourthly, it can be customized for particular target groups.

MCK consists of the following items:

- an MCK folder containing the MCK
- a project related event calendar
- one or more project leaflets
- one or more project posters
- one or more project white papers
- one or more scientific papers
- visual and audio media galleries
- one or more press clippings
- a set of project related give-aways

Before discussing these items in more detail, however, we need to shortly define the ingredients.

2.2.1 Ingredients

In order to be recognizable, MAPPER needs to build a strong image, brand and style. Important ingredients to such branding are the MAPPER logo with its distinctive colors (see Figure 2), a matching colour scheme and respective templates for slides and deliverables.
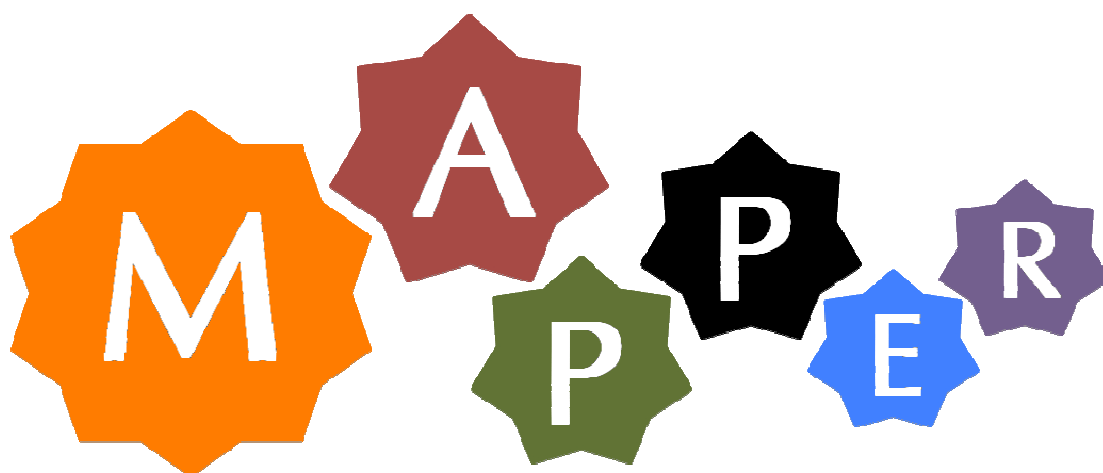

Figure 2: MAPPER Logo

The logo is also available in black/white for black/white printing and faxing.

The logo art work is based on a set of colors to be used in all publications to ensure a homogeneous appearance of the project to the outside world. The colors and their use are given in the following table.

Color Name	R;G;B	Usage
orange	255;124;000	for the "M" background
dark red	167;074;069	for the "A" background
dark green	097;115;053	for the first "P" background
black	000;000;000	for the second "P" background
light blue	065;128;255	for the "E" background
purple	115;095;142	for the "R" background

The logo uses the Optima font in bold and in various sizes:

Font	Size relative to "M"	Usage
Optima Bold	n/a	for the "M"
Optima Bold	87%	for the "A"
Optima Bold	69,6%	for the first "P"
Optima Bold	69,6%	for the second "P"
Optima Bold	55,7%	for the "E"
Optima Bold	50,4%	for the "R"

The official language of the project is English (British). However, any dissemination material may be translated into a different language if required or convenient for dissemination purposes. The MAPPER partners are responsible for correct translations.

2.2.2 Event Calendar

The project event calendar specifies for a given time period (typically a year) the most important events as they relate to the project. These include

- conferences and workshops with a relationship to MAPPER
- exhibitions with a relationship to MAPPER
- the dates for the MAPPER events (e.g., seasonal schools)

Any printed version of the calendar must include:

- MAPPER logo
- logos of all partners
- URL to the MAPPER Home Page

• MAPPER fund line ("The Mapper project receives funding from the EC's Seventh Framework Programme (FP7/2007-2013) under grant agreement n° RI-261507.")

2.2.3 Project Leaflets

The project leaflets will inform on the existence and the purpose of the project. The goal is to make stakeholders aware of the project, of the advantages of multiscale research, of the home page and of the procedures how to use the MAPPER services.

The leaflet will be distributed during the project's lifetime at conferences, workshops, seminars and any events, MAPPER partners participate in or contribute to.

The leaflets will be offered as Leporello fold. The contents will include the following items

• MAPPER logo

• logos of all partners

• URL to the MAPPER Home Page

• MAPPER fund line ("The Mapper project receives funding from the EC's Seventh Framework Programme (FP7/2007-2013) under grant agreement n° RI-261507.")

• some graphics/pictures from more than one MAPPER communities

• a short introduction to MAPPER

• the expected outcome

• short partner descriptions

• the EU FP7 and the e-Infrastructure logos

2.2.4 Posters

The MAPPER posters will document the project vision and the current status of achievements. They will serve as a "need-to-explain" instrument at conferences, workshops, seminars and any events, MAPPER partners participate in or contribute to. Note that this is in contrast to the leaflets the main purpose of which is a give-away.

The posters will be prepared for both A1 and A0 formats with the following contents:

• MAPPER logo

• logos and names of all partners

• URL to the MAPPER Home Page

• MAPPER fund line ("The Mapper project receives funding from the EC's Seventh Framework Programme (FP7/2007-2013) under grant agreement n° RI-261507.")

• the poster message

• the EU FP7 and the e-Infrastructure logos

2.2.5 White Papers

During the course of the project MAPPER may create White Papers for the public audience as a collection of special achievements. Some of these White Papers may simply be the project deliverables as per [1], others may be specifically compiled for the MCK. There is no regular publication cycle for the White Papers. In case a White Paper is publicized it will consist of the following parts

- MAPPER logo
- logos and names of all partners
- URL to the MAPPER Home Page
- MAPPER fund line ("The Mapper project receives funding from the EC's Seventh Framework Programme (FP7/2007-2013) under grant agreement n° RI-261507.")
- the EU FP7 and the e-Infrastructure logos
- a cover sheet
- an acknowledgement section

As part of its duties the dissemination team will provide all MAPPER partners a template for the creation of such White Papers. The usage of this template is mandatory.

2.2.6 Scientific Papers

MAPPER will result in a collection of scientific papers published in peer reviewed journals, conference proceedings, and as chapters in edited books. These scientific contributions will

- contain the URL to the MAPPER Home Page and
- the MAPPER fund line ("The Mapper project receives funding from the EC's Seventh Framework Programme (FP7/2007-2013) under grant agreement n° RI-261507.").

2.2.7 Visual and Audio Media Galleries

As part of the MCK the visual and audio media galleries serve two purposes. Firstly, the may underpin the leaflets, posters and White Papers. Secondly, they may serve as additional training material. Thirdly, they will address other senses than just the eye. Examples of the gallery contents are:

- photos
- graphics
- (audio) recording of training sessions
- (video) recording of training sessions

All gallery items will be described by meta data which contain the following information:

- description of the item itself (what is it)
- the origin of the item
- copyright information and terms of use
- a reference to the MAPPER project
- a reference to the MAPPER Home Page

2.2.8 Press Clippings

The press clippings contain the collection of press coverages with respect to the MAPPER project. These clippings will be collected European-wide. It is the responsibility of every partner to scan their national press and to post these finding to the MAPPER dissemination team.

2.2.9 Give-Away Materials

For promotion purposes MAPPER may provide several small items as give-aways. These may be used for attracting audiences at conferences or exhibitions and for "anchoring" the project. The following items are envisioned (examples):

- preformatted USB sticks with either customized material or empty
- special MAPPER lanyards
- MAPPER logo zipper

All such materials require at least the MAPPER logo and the URL to the MAPPER Home Page.

2.2.10 Decoration Material

The MAPPER decoration material consists of one or more rollups containing

- the MAPPER logo
- the logos and names of all partners
- the URL to the MAPPER Home Page
- the EU FP7 and the e-Infrastructure logos

2.3 Press Kit

The MAPPER Press Kit is a (possibly localized) instantiation of the MCK. As such it may not contain the project posters and the project related give-aways. On the other hand, however, it may contain a diagram of the project management structure augmented by respective contact information.

2.4 Educational Material

The MAPPER eductional material (in the dissemination sense) is a (possibly localized) instantiation of the MCK. As such it may not contain material irrelevant for the specific educational purpose but it may be augmented by other material (e.g., background papers, tutorials) which may be of benefit for the educational purpose.

3 MAPPER Dissemination Channels

The MCK will be used for facilitating the dissemination across various channels. A dissemination channel in the context of this deliverable is any place where the MAPPER project team may have contact to a MAPPER target group. The following channels have been identified as important and will be described in more detail. It should be noted, though, that the MAPPER dissemination activities are not restricted to these channels.

- MAPPER Home Page
- conferences and workshops
- seasonal schools
- events
- press and media
- cross project dissemination

3.1 MAPPER Home Page

The MAPPER Home Page is described in section 2.1 above as a dissemination *tool*. In this section the Home Page will be regarded as a dissemination *channel*. The objectives of this channel are

- to serve as an electronic repository of all MCK items
- to inform about MAPPER news
- to contact the MAPPER team
- to register for MAPPER events
- to serve as an electronic repository of all public project deliverables

In order to achieve these objectives the MAPPER Home Page provides a *News* section and a *Documents* section as an electronic repository for all public project deliverables and all public dissemination items belonging to the MCK. Contacting the MAPPER team will be possible using a dedicated contact form, a separate discussion forum may be established upon request. Depending on the specific events the Home Page will provide a respective electronic registration form.

In order to measure the success of this specific channel, an access statistics counter will be implemented.

3.2 Journals, Conferences and Workshops

Journals, conferences and workshops represent an important dissemination channel as the main MAPPER target groups will be represented there. Dissemination over this channel from a MAPPER perspective means either actively contributing to the journals or participating at the event (presentation of own research results) or passively participating (as an audience member without own presentation). Although active and passive participation at conferences and work shops do depend on several variables and are thus not plannable, the following table contains a non-exhaustive list of events and journals a contribution is aspired to.

Name	Year, Location	Participation type	MAPPER Focus
Open Grid Fora (OGF)	every 6 months	passive	ICT
EGI Technical Fora	twice a year, Europe	active & passive	ICT
Supercomputing	once a year, US	active & passive	all
DEISA PRACE Symposium	April 2011 Helsinki	passive	all
Computational Methods in Science and Technology	Poznan	journal contribution	special issue on multiscale applications
Cracow Grid Workshops	annual, Cracow	active & passive	all
Euro-Par	annual	active & passive	all
CSC	annual	active & passive	all
International Conference on Computational Science	annual	active	all
Virtual Physiological Human	2012	active	Applications
Journals: • Future Generation Computing Systems • Journal of Computational Science • J. Biomechanics • J. Roy. Soc. Interface			

3.3 Seasonal Schools

MAPPER plans to run two seasonal schools in 2012 and 2013. From a dissemination channel perspective, these schools will offer the possibility to educate a wider audience in the benefits of the MAPPER services. Consequently, the focus will be on using the MAPPER services for distributed multiscale computing, in other words, looking at how to port multiscale applications to the MAPPER environment. The audience to these seasonal schools will be recruited from across Europe (and beyond) in all scientific areas, however, with a special emphasis on the MAPPER communities (see [1]). The participation at the seasonal schools will not be free of charge.

For further dissemination purposes the schools will be recorded (participants and instructors need to agree on the publication) in both video and audio. The streams will be made available on the MAPPER Home Page.

3.4 Events

MAPPER will present its vision and the achieved results at the following events beyond those listed in section 3.2. If possible, for each event a speaking opportunity is aimed for.

Name	Year, Location	MAPPER Focus
ICT	2012, Brussels	all

3.5 Press and Media

The importance of press and media relationship is often underestimated. In MAPPER we dedicate a separate task for this purpose (task 2.3). The press and media channel will not be fed by adverts. Instead, we seek to place editorial work and interviews with the project coordinator or other MAPPER key personnel. As accompanying measures all MAPPER partners will cooperate with their local press departments (if they have one) to promote the MAPPER vision and the achieved results. The concrete list of the media titles will be determined by the availability of MAPPER results. The following thus represents a "wish list".

Title or Channel	Remark
LMU Press Department	ongoing cooperation
British Publishers	UK
HPCwire	online

It should be noted that the results of press and media channel activities will be fed back into the MAPPER communication tools (home page and MCK).

3.6 Cross Project Dissemination

As MAPPER shares some ideas with other national and international projects it will be beneficial to use these projects as an additional dissemination channel. MAPPER will therefore contact and cooperate with the following projects (as per 1.11.2010):

Project	URL
DRIHMS	http://www.drihms.eu/
DORII	http://www.dorii.eu/
D-Grid	http://www.d-grid.de/
IGE	http://www.ige-project.eu/
Scalalife	http://www.scalalife.eu/
HPC-Europa 2	www.hpc-europa.org
PL-Grid	www.plgrid.pl

4   MAPPER Dissemination Processes

This section describes the MAPPER dissemination processes for creating, maintaining and using the tools and the channels.

4.1 Maintaining the Home Page

The MAPPER Home Page is maintained by the Munich Network Management (MNM) team at the LMU. All suggestions, additions, corrections regarding the public part of the home page should therefore be routed to the webmaster at LMU. Maintaining the internal areas is also performed by MNM. MNM is, however, not responsible for the correctness of the contents provided by the various work packages.

4.2 Creating and Maintaining the MCK

The MAPPER Communication Kit is created and maintained by the MAPPER WP2 team headed by LMU.

4.3 How to Order the MCK?

The MCK will be in the LMU inventory. Copies of the (whole or parts of) MCK can be ordered by every MAPPER partner from LMU. Copy and shipping costs will be covered by the LMU budget. In addition, LMU will send initial starter kits to all partners upon finishing the MCK.

4.4 How to Use the MCK?

Every MAPPER partner is free to use the MCK according to his/her objectives provided that the procedures adhere to the policies outlined above.

4.5 How to Customize the MCK?

The MCK defines a core set of promotional material. It can be extended and/or restricted depending on the objectives of usage provided that the components still adhere to the policies outlined above.

5 MAPPER Dissemination Related Deliverables

MAPPER achieves the dissemination objectives by delivering the following items
- the MAPPER Home Page will be operational by December 2010
- the final Plan for the Use and Dissemination of the Foreground (this deliverable) will be delivered by December 2010
- the MAPPER Communication Kit (MCK) will be ready in its first stage by March 2011, subsequent versions will be available in December 2011 and December 2012
- the dissemination progress will be reported annually in September 2011, September 2012, September 2013
- the MAPPER Seasonal Schools will be delivered in 2012 and 2013

6 Key Performance Indicators (KPI)

6.1 Definition of MAPPER KPIs

6.1.1 Background

In order to evaluate its dissemination success MAPPER uses several Key Performance Indicators (KPI) which are used to periodically assess MAPPER dissemination activities. The KPIs relevant for MAPPER can be categorized as scalability indicators, strategic indicators, and financial indicators. All indicators are intertwined and they focus on the general MAPPER objectives as phrased in [1]: MAPPER will develop computational strategies, software and services for distributed multiscale simulations across several scientific disciplines, exploiting existing and evolving European e-Infrastructure. Driven by seven challenging applications from five representative scientific domains (fusion, clinical decision making, systems biology, nano science, engineering), MAPPER will deploy a computational science environment for distributed multiscale computing on and across European e-infrastructures. By taking advantage of existing software and services, as delivered by EU and national projects,

MAPPER will result in high quality components for today's e-Infrastructures. MAPPER will advance the state-of-the-art in high performance computing on European e-Infrastructures by enabling distributed execution of multiscale models. MAPPER also plans to collaborate with other projects on adaptation of successful MAPPER methodologies, and MAPPER will cooperate with resource providers to develop policies facilitating the new multiscale computing paradigms. These objectives represent the background of the following discussion on KPIs.

6.1.2 Scalability Indicators

Scalability indicators are used to determine the success of MAPPER *dissemination* activities. Based on [1] (especially section 3.2.2) and section 6.1.1 the following KPIs are relevant for MAPPER's *dissemination* success (the sequence is not meant to imply importance):

- [KPI_Q1] The number of requests for dissemination material either expressed via email, or via the MAPPER home page, or via direct communication at MAPPER booth representation at conferences or exhibitions
- [KPI_Q2] The number of events organized by MAPPER for external audiences
- [KPI_Q3] The number of registered participants at these events
- [KPI_Q4] The average score calculated from evaluation forms returned at MAPPER events
- [KPI_Q5] The number of publications and presentations given by MAPPER project partners
- [KPI_Q6] The number of standardization bodies MAPPER representatives contribute to
- [KPI_Q7] The number of dissemination material downloads from the MAPPER web pages
- [KPI_Q8] The number of software downloads from the MAPPER web pages
- [KPI_Q9] The number of MAPPER press references expressed by specimen copies
- [KPI_Q10] The number of external users of MAPPER technolgies
- [KPI_Q11] The number of presentations of MAPPER given at policy and lobbying events and concertations meetings

6.1.3 Strategic Indicators

Strategic indicators are used to indicate whether the MAPPER project *per se* is "getting better" or not – relative to the KPIs.

Based on [1] (especially section B.1) and section 6.1.1 the following KPIs are relevant for MAPPER's success (the sequence is not meant to imply importance):

- [KPI_S1] The number of applications that adopt MAPPER services – because this indicator reflects the maturity level of MAPPER services.
- [KPI_S2] The number of projects (national and international) that MAPPER cooperates with (in that these projects refer to MAPPER) – because this indicator reflects an awareness level of MAPPER.
- [KPI_S3] The number of communities MAPPER collaborates with – because this indicator reflects the importance level of MAPPER.
- [KPI_S4] The number of student theses and PhD theses referring to MAPPER – because this indicator reflects a sustainability level for MAPPER

Note that a quantity "Number of e-Infrastructures that support MAPPER" is unimportant as a MAPPER KPI because MAPPER will focus their work on PRACE and EGI (and the respective NGIs) only. The quantity is thus trivial as is a respective measurement.

6.1.4 Financial Indicators

Financial indicators are used to determine the dissemination performance as far as the MAPPER dissemination budget is concerned. The volume of the dissemination budget is specified in section 2.4.3 of the Description of Work [1] and sums up to the amount of 30K€. The following KPI is relevant for MAPPER's dissemination *budget* success (the sequence is not meant to imply importance):

- [KPI_F1] The cumulative dissemination expenses

6.1.5 Measuring KPIs

In summary, MAPPER is constantly monitoring the above mentioned KPIs by using the measurements as indicated in the following table:

ID	Description	Measurement
KPI_Q1	The number of requests for dissemination material either expressed via email, or via the MAPPER home page, or via direct communication at MAPPER booth representation at conferences or exhibitions	counting
KPI_Q2	The number of events organized by MAPPER for external audiences	counting
KPI_Q3	The number of registered participants at these events	counting
KPI_Q4	The average score calculated from evaluation forms returned at MAPPER events	aggregation

ID	Description	Measurement
KPI_Q5	The number of publications and presentations given by MAPPER project partners	counting
KPI_Q6	The number of standardization bodies MAPPER representatives contribute to	Registration to these bodies and counting
KPI_Q7	The number of dissemination material downloads from the MAPPER web pages	Automatic counting
KPI_Q8	The number of software downloads from the MAPPER web pages	Automatic counting
KPI_Q9	The number of MAPPER press references expressed by specimen copies	Collection of specimen and counting
[KPI_Q10]	The number of external users of MAPPER technolgies	Counting
[KPI_Q11]	The number of presentations of MAPPER given at policy and lobbying events and concertations meetings	Counting
KPI_S1	The number of applications that adopt MAPPER services	License agreements and comparing with downloads and VO memberships
KPI_S2	The number of projects (national and international) that MAPPER cooperates with (in that these projects refer to MAPPER)	Monitoring, interviews and analyzing the feedback from periodic mailings and EU symposia
KPI_S3	The number of communities MAPPER collaborates with	Monitoring, interviews and analyzing the feedback from periodic mailings and EU symposia
KPI_S4	The number of student theses and PhD theses referring to MAPPER	counting
KPI_F1	The cumulative dissemination expenses	Profit/loss statements

6.2 Collecting, Reporting, and Distributing KPIs

The processes of collecting, reporting, and distributing performance information can be labour intensive and prone to procedural problems (for example, getting all relevant people to return the information required by a required date). The simplest mechanism to overcome this difficulty is to delegate these activities to an individual or a group of individuals. MAPPER

installs a WP2 Task Force (WP2TF) to take care of collecting the required performance information. The WP2 leader will provide the respective periodic reports and distributes them to the PSG.

6.3 Forecasting

Regarding the aforementioned KPIs MAPPER aims at targeting the following performance quantities:

KPI	Month 12 Target	Month 24 Target	Month 36 Target	Cumulative yes/no
KPI_Q1 (The number of requests for dissemination material either expressed via email, or via the MAPPER home page, or via direct communication at MAPPER booth representation at conferences or exhibitions)	25	50	100	Yes
KPI_Q2 (The number of events organized by MAPPER for external audiences)	0	2	5	Yes
KPI_Q3 (The number of registered participants at these events)	0	40	100	Yes
KPI_Q4 (The average score calculated from evaluation forms returned at MAPPER events)	Not applicable	positiv	Very positive	No
KPI_Q5 (The number of publications and presentations given by MAPPER project partners)	2	8	25	Yes
KPI_Q6 (The number of standardization bodies MAPPER representatives contribute to)	1	2	3	Yes
KPI_Q7 (The number of dissemination material downloads from the MAPPER web pages)	10	50	200	Yes
KPI_Q8 (The number of software downloads from the MAPPER web	0	5	25	Yes

KPI	Month 12 Target	Month 24 Target	Month 36 Target	Cumulative yes/no
pages)				
KPI_Q9 (The number of MAPPER press references expressed by specimen copies)	0	2	9	Yes
KPI_Q10 (The number of external users of MAPPER technolgies)	0	2	5	Yes
KPI_Q11 (The number of presentations of MAPPER given at policy and lobbying events and concertations meetings)	2	5	10	Yes
KPI_S1 (The number of applications that adopt MAPPER services)	0	3	7	Yes
KPI_S2 (The number of projects (national and international) that MAPPER cooperates with (in that these projects refer to MAPPER))	0	1	12	Yes
KPI_S3 (The number of communities MAPPER collaborates with)	5	6	7	Yes
KPI_S4 (The number of student theses and PhD theses referring to MAPPER)	0	2	10	Yes
KPI_F1 (The cumulative dissemination expenses, expressed in percentage exhausted)	60%	80%	100%	yes

7 Conclusion

This deliverable contains the action plan for using and disseminating the MAPPER foreground. It defines the MAPPER dissemination tools, the dissemination channels (where the tools are used), the dissemination processes (which ensure that the tools are available

for the channels) and it once again reflects the dissemination roadmap defined as the set of WP2 deliverables.

Please note that this document is a living one, i.e., it will be updated regularly taking into account the effects of the project dissemination activities of the respective previous period.

8 Acronyms and References

8.1 Acronyms

KPI   Key Performance Indicator

LMU   Ludwig-Maximilians Universität

MCK   MAPPER Communication Kit

MNM   Munich Network Management

WP   Work Package

WP2TF   WP2 Task Force

8.2 References

[1]   Annex I - "Description of Work" to the Grant Agreement 261507, July 2010