

# Dissemination Plan and Report D11.2.1

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#### More information

Additional information and public deliverables of CoherentPaaS can be found at: <a href="http://coherentpaas.eu">http://coherentpaas.eu</a>

# **Glossary of Acronyms**

Acronym	Definition
D	Deliverable
DoW	Description of Work
EC	European Commission
PM	Project Manager
PO	Project Officer
WP	Work Package
PaaS	Platform-as-a-Service
Т	Task
CWI	Centrum Wiskunde & Informatica

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# 1. Executive Summary

CoherentPaaS aims at building a rich PaaS with different data stores optimized for particular tasks, data, and workloads, by providing a common programming model, a common query language, and holistic coherence across all cloud services and data stores.

The goal of WP11 is to promote and empower the dissemination, transfer and collaboration of the project's results, by identifying and reaching stakeholders in order to raise their awareness regarding the findings of CoherentPaaS consortium and to encourage them to support and adopt the consortium's results and recommendations.

The aim of T11.2 ("Dissemination Activities") is to disseminate the results from CoherentPaaS through a diverse set of channels (conference and journal publications, presentations and demonstrations, press releases, web site, etc.). All partners in the consortium have contributed to the creation of an agreed dissemination plan identifying clear routes for dissemination of project results. Furthermore, all partners are involved in dissemination actions related to their RTD work. The main artefacts that will be disseminated and as a result are included in this Initial Dissemination Plan, as well as future dissemination plans and reports will be mainly the ones resulting from the RTD Activities of the project. Furthermore, it will include a particular kind of dissemination (standardisation, exploitation, training and collaboration).

This deliverable reports on the progress of the communication and dissemination activities from all project partners during the first dissemination phase (M1–M12). The dissemination progress is monitored by qualifying and quantifying the activities and ensuring that these efforts are sufficient to keep the project in line with the goals defined within the Description of Work.

This document is structured as follows: Chapter 2 gives an overview of the strategy to be followed for the dissemination of CoherentPaaS results. Chapter 3 describes the different target groups towards which we will disseminate the CoherentPaaS results are identified. A description of each of them is given as well as some hints on how to approach them. Chapter 4 describes the different channels through which the CoherentPaaS results will be disseminated. Chapter 5 provides a calendar of events of great interest for CoherentPaaS. Finally, in Chapter 6 and Chapter 7 some concrete dissemination and communication actions are listed regarding the reporting period from M1 to M12.

# 2. Dissemination Strategy

The dissemination strategy to be followed within the CoherentPaaS project must address the following aspects:

- "What": We have to identify the products, "what" we want to communicate
- "Who": The audience. To "whom" we are going to tell it, "who" is interested on our results
- "How", "Where" and "When": Channels through which we are going to disseminate our products
- "Why": The aim. What do we want to achieve with every dissemination action.

The aforementioned proposed strategy is described in detail in the corresponding sections of this document. Optimal orchestration between all these dissemination aspects will result in a dissemination strategy, which will actively promote awareness, knowledge, and use of CoherentPaaS results.

Depending on the goal of the concrete dissemination action we can identify three different levels of dissemination:

- Awareness: The dissemination goal is to reach awareness of the concepts of the project results.
- Understanding: Additionally to awareness this goal describes the level of dissemination where the target group understands the concept and the results in such a way that they can assess the usability and potentials of the CoherentPaaS results within their own organization.
- Use: This dissemination goal should in addition to the above listed goals trigger the potential end-users to incorporate and utilise the CoherentPaaS solution as a whole and/ or individual components of its architecture in their own projects.

## 2.1. Measures of Success

The definition of meaningful, precise and measureable metrics is needed to evaluate the progress in the communication and dissemination of the CoherentPaaS results. The following measures for communication and dissemination have been defined:

#### 1. Scientific Results

- a. Journal, Conference and Workshop Papers
  - i. Total Number of papers published as part of CoherentPaaS
  - ii. Number of papers with authors from different partners
- b. Conference activities
  - i. Number of subject presentations (keynotes and invited speeches)
  - ii. Number of organized workshops
  - iii. Number of poster presentations
  - iv. Number of demos presented

#### 2. Product-related Results

- a. Number of published whitepapers
- b. Open Source contributions
  - i. Number of supported projects

- ii. Number of contributed lines of code
- c. Number of products to which CoherentPaaS results contributed to
- d. Number of standardization initiatives initiated by the partners to standardize outcomes of the CoherentPaaS project
- 3. CoherentPaaS in General
  - a. Number of published press releases
  - b. Number of CoherentPaaS website hits and visitors
  - c. Number of subscribers to the CoherentPaaS Research Newsletter

# 3. Target Groups

Identifying target groups is a major step in deriving the dissemination strategy. Collecting and evaluating feedback from target audiences improves the project impact. Target groups can be seen in the main categories of:

- Research Communities
- Business/industry
- Government
- General Public

In the next sections, the different target groups and the strategy to approach them is described.

## 3.1. Research Communities

CoherentPaaS addresses topics from different technological areas. Therefore, different research communities may be interested on its results. It is not possible to list all relevant working groups or research areas in detail here. Moreover, the dissemination strategy in research is anyway quite similar in the different research domains. In this section we have identified some of the research communities of interest for CoherentPaaS. They will be approached through the attendance and presentation of CoherentPaaS to major events (organized by the communities themselves or other organizations) and publication of project results in specialised journals and conferences.

In addition to the scientific conferences, we will also present our work and seek feedback in trade shows and commercial events. We also plan to organise workshops and other public events, including demo sessions, tutorials, presentations, and lectures. Finally and as mentioned before, some standardisation bodies can be also considered as a meeting place of the research communities and therefore an interesting forum to disseminate the CoherentPaaS results.

# 3.2. Business/Industry

Different kind of companies may be interested in the CoherentPaaS results, depending on the different roles they may play within the CoherentPaaS value chain and on the different fields of application. The main industrial organizations that are of interest to disseminate CoherentPaaS results are the potential users of the CoherentPaaS technologies. CoherentPaaS will disseminate its results towards the industry through different kind of events:

- Visits to companies in the targeted sectors:
  - o Telcos.
  - o Banking.
  - o System integrators.
  - o M2M/IoT.
  - o IaaS providers.
  - o PaaS providers.
  - o NoSQL data store vendors.
  - o Retail.
  - Transportation.
- Dedicated workshops/seminars organized by CoherentPaaS with focus on industry
- Workshops organized by other projects / organizations.

We will also work with a core set of companies, notably technology and service providers, who will serve as an external Feedback Group for our project. These will typically be early adopters who will have initial access to the technology developed in the project, including infrastructure prototype, research, and tools.

## 3.3. Government

In this section we consider as target groups not only governments and international bodies but also related institutions such as public organizations, ministries, national regulatory bodies, national programs for industry support, etc.

Dissemination actions towards public agencies are motivated by several reasons. Sometimes it is necessary to let them know about the success of the project in order to justify prior public investment or to position the company for future calls. Public organizations also control and coordinate communication channels towards different audiences, like SMEs or academia, through regular bulletins or events, which are useful to disseminate the results of the project.

The public organizations at national level are primarily interested in the return and benefits that projects provide to the country, so it is convenient to keep this in mind in order to gain their involvement. It is important for the project to establish contact and good relationship with relevant public organisations, to invite them to participate in events organised by the project and let them know about the results of the project in order to obtain their support and gain publicity.

These organizations also organise or coordinate different events where CoherentPaaS can show the outcome of the project and reach a wide audience, among both the research communities and the industry. Events agenda at national and international level will be periodically followed in order to participate in those events that could be of interest for CoherentPaaS.

Some of the identified organizations are described below, as an example of the type of audience to be approached. More government related organisms will be identified as the project progresses:

#### Spain

The Centre for Industrial Technological Development (CDTI) is a public corporation under the Ministry of Economy and Competitiveness, which promotes innovation and technological development of Spanish companies. It is the entity that channels requests for funding and support R & D + i of Spanish companies at national and international scopes. Thus, the objective of the CDTI is to contribute to improving the technological level of Spanish companies through the development of the following activities:

- Technical and economic evaluation and financing of R & D projects developed by companies.
- Management and promotion of the Spanish participation in international technological cooperation programs.
- Promotion of international technology transfer and business support services to technological innovation.

• Support for the creation and consolidation of technology-based companies.

Although the bulk of the infrastructure of the CDTI is located in Madrid, the Centre offers one of the Spanish companies strategic network of offices and representatives abroad (Japan-SBTO (Spain Business and Technology Office) - Belgium-SOST (United States Office of Science and Technology) and the Permanent Secretariat of Eureka-Brazil-FINEP (Financier of Studies and Projects) - Korea, Chile, Morocco, China, India, Mexico and the U.S.) to support them in their technological international activities.

France

INRIA has been certified as a Carnot Institute since April 2011. Research organisations are awarded Carnot certification in recognition of their capacity to collaborate effectively with industrial partners on projects aimed at improving performance. Carnot certification is a seal of excellence created in 2006 by the French Ministry of Higher Education and Research (MESR) to promote partnership-based research and meet the need for innovation as a means of driving economic growth in France.

The Carnot Institutes Network (<a href="http://www.instituts-carnot.eu/en">http://www.instituts-carnot.eu/en</a>) is made up of 34 institutes committed to business innovation. They conduct research and implement a strong partnership research policy for the benefit of the nation's socio-economic stakeholders to help generate wealth and boost employment.

#### The Netherlands

The Centrum Wiskunde & Informatica (CWI, <a href="https://www.cwi.nl/">https://www.cwi.nl/</a>) is the national research institute for mathematics and computer science in the Netherlands and is an institute of the <a href="Netherlands">Netherlands</a> Organisation for Scientific Research (NWO). The institute was founded in 1946 and is located at Science Park Amsterdam. The institute has a strong international position and is renowned for its high quality research. CWI's strength lies in the discovery and development of new ideas, and the transfer of knowledge to other scientific areas, society at large and trade and industry in particular. Research of CWI is applied for instance in payment systems, cryptography, telecommunications, public transport, smart energy networks and meteorology.

Since 2013, CWI has officially joined the research network LIAMA as a founding member. The Sino-European Laboratory in Computer Science, Automation and Applied Mathematics (LIAMA) is a research lab consisting of European and Chinese research institutes in the field of mathematics and computer science. LIAMA conducts research, training and transfer projects in these fields.

With 55 permanent research staff, 40 postdocs and 70 PhD students, CWI is a compact institute that lies at the heart of European research in mathematics and computer science. Much of its research is conducted as part of national and international programmes. CWI maintains close contacts with the industry and academic world, both

in the Netherlands and abroad. More than half of its permanent research staff is also associated with universities as part-time professors. This research network strengthens CWI's reputation, acting as a magnet in attracting academic talent. The postdocs and PhD students originate from more than 25 different countries.

CWI was the birthplace of the European internet and registered one of the first country domains in the world, the NL top level domain '.nl'. CWI helped developing of the wing for the Fokker Friendship aircraft and was home tot the invention of the popular programming language Python. CWI also applied its research in combinatorial algorithmics to improve the design of the Dutch train timetables. Recent highlights include breaking the MD5 internet security system and research into smart grids to secure our future energy supply.

**COMMIT** (<a href="http://www.commit-nl.nl/">http://www.commit-nl.nl/</a> ) is a Dutch national public-private research community. COMMIT/ unites academic research and (non-)profit organizations in ICT. It is a use-inspired fundamental ICT-research in well-being and well-working, in public safety, in science, in information services and search, and with applications in culture, agriculture, and health care. Its ICT-research program covers the range from small embedded systems, to sensor networks and on to large scale networks, from interaction data, to numerical content and on to text and pictorial web content. Ten universities, five technological institutes, and over sixty small and large businesses participate in fifteen public-private multi-party projects. They ensure direct state-of-the-art knowledge transfer in an economic or societal urgent area. Like ICT science drives the solving of societal challenges, societal challenges drive need-inspired ICT research as well.

The COMMIT/program brings together leading researchers in search engines, parallel computing, databases, interaction in context, embedded systems and knowledge technology. The ambition of COMMIT/ is the creation of focus and mass for solving societal problems and seizing socio-economic opportunities. The results transcend considerably beyond the state-of-the-art. COMMIT/ partners, they will rise to a higher level in science, and at the same time they will be steered in their selection of problems by their high-tech partners. Simultaneously, high-tech companies will be made better competitive by tapping into a shorter time-to-market of new ideas proven to be robust in this program.

COMMIT/ is focused on improving the Dutch international knowledge and market positions in ICT areas in which the Netherlands stands out.

COMMIT/ contributes to the international position of the Dutch ICT-innovation system by pursuing the following objectives:

- Impact on societal priorities by focussing on key areas most susceptible for ICT-innovation.
- Contribute to high-impact solutions by fundamental, needinspired ICT-research.
- Consolidate and disseminate the ICT-knowledge, know-how and public-private way of working.

COMMIT/ strengthens the Dutch open ICT innovation system by establishing best-practices in public-private, high-technology and high-science research projects aiming for Dutch leadership in selected markets and societal applications. The realization of the ambition builds on the academic reputation and industrial excellence in ICT disciplines, opportunities offered by the ICT-infrastructure, and the strength of the Netherlands in ICT and information services. COMMIT/'s revenue is  $\[ \in \] 110 \]$  million, of which the government contributes  $\[ \in \] 50 \]$  million and the remaining  $\[ \in \] 60 \]$  million is paid for by knowledge institutes, companies and non-profit organizations.

COMMIT/ contributes to the ICT innovation system by enforcing a different attitude of knowledge institutes and companies towards public-private partnerships. COMMIT/projects will serve as role models for future open innovation projects. Therefore the program gives attention to its ways of working in the following ways:

- Combine excellent knowledge partners with industry. The right mix is an important prerequisite for project success and positive contribution to the open innovation system.
- Focus on bridging the knowledge gap and differences, in ways of working and problem solving in academia and industry while executing the project: intense collaboration is king.
- Use successful collaboration models where each academic researcher has clear and committed counterparts in companies. Each project thus makes software (tools) available to other projects and partners as so to avoid reinventing the wheel and quick take-up of achieved results.
- Organize conferences and workshops that target actors in the ICT innovation system that are not part of COMMIT/.
- Link projects to similar open innovation system-oriented European innovation community ICTLabs in which the Netherlands plays an important role.

The **Human Brain Project** (HBP, <a href="https://www.humanbrainproject.eu/">https://www.humanbrainproject.eu/</a>) is part of the <a href="fett">FET Flagship Programme</a>, which is a new initiative launched by the European Commission as part of its Future and Emerging Technologies (FET) initiative. The goal is to encourage visionary, "mission-oriented" research with the potential to deliver breakthroughs in information technology with major benefits for European society and industry. The goal of the Human Brain Project is to catalyse a *global collaborative effort* to integrate neuroscience data from around the world, to understand the human brain and its diseases, and ultimately to emulate its computational capabilities.

In Neuroscience, the HBP's six Information and Communication Technology (ICT) Platforms will provide neuroscientists across the world with the tools they need to integrate data from different sources, to identify and fill gaps in their knowledge, to prioritise future experiments, and to trace causal relationships across multiple levels of brain organisation. Using tools provided by the HBP, scientists will have the opportunity to identify the complex cascades

of events leading from genes to cognition; to study the biological mechanisms responsible for perception, emotions, and decision-making; and to reveal the principles linking brain plasticity to learning and memory. HBP tools could even open new vistas for research into the biological mechanisms of human consciousness.

In Health and Medicine, from a medical point of view, the HBP offers a paradigm shift from symptom and syndrome-based classifications of brain diseases to a new understanding grounded in biology. New classifications of disease would make it possible to diagnose brain diseases at an early stage, to develop personalised treatments, and to improve chances of recovery. Many neurological and mental disorders, such as schizophrenia and Alzheimer's disease, are progressive and can cause irreversible damage before they are diagnosed. In these cases, even relatively minor improvements in early diagnosis and treatment would have a huge impact on healthcare costs and on the wellbeing of patients and their families.

HBP data and technologies have the potential to benefit pharmaceutical companies by accelerating the rational design of drugs and treatments, reducing the cost of the drug development cycle, lowering barriers to investment, and encouraging the development of new treatments. Better brain disease diagnosis and treatment could reduce the economic burden on European health services, which are currently predicted to rise unsustainably with the increasing age of the population.

In Information Communications Technology (ICT), brain-inspired neuromorphic computing technologies developed by the HBP have the potential to overcome fundamental limits of current computing technologies. Combined with brain-inspired techniques of data transmission, storage and learning, HBP technologies will make it possible to build low-cost, energy-efficient computers, ultimately with brain-like intelligence. These developments could add a completely new dimension to a broad range of 21st century technologies. Such systems would not replace current computing technologies, but could play complementary, equally important roles and enable new applications. HBP research is also expected to fuel the development of new applications for high-performance computing technologies in science and industry, and potentially in consumer services as well.

Greece

The General Secretariat of Research and Technology (GSRT) is the main department of the Hellenic Ministry of Development dealing with the transfer and dissemination of advanced technologies throughout the country's productive sector, thus ensuring early utilization of the results of research activity. This dissemination throughout the country and internationally is supported by means of advanced IT systems and networks. Furthermore, it encourages activities aimed at raising awareness of the general public about research and technology issues. Through a series of conferences, GSRT aims to fulfill these goals.

The National Documentation Centre (NDC) is the backbone organization of the national infrastructure for scientific

documentation, online information and support services on science, research and technology. NDC is a national body that has been operating at the National Hellenic Research Foundation and is supervised by the General Secretariat for Research and Technology of the Ministry of Development. NDC has a number of key activities regarding dissemination of knowledge:

- Development of Digital Science & Technology Library, providing cohesive and efficient access to organized sources of information and knowledge
- Operation of Electronic Reading Room
- Provision of information retrieval and document ordering services
- Cooperation with relevant institutions (libraries, archives, universities, museums, etc) and development of common actions for the establishment of a knowledge-based institutions network
- Furthermore, NDC provides information and support on research, technology and innovation issues through the following channels:
- Web site (www.ekt.gr) with special sections on European Programmes, R&D news and events, selected web resources, etc.
- Greek CORDIS web service for information on research and innovation issues (www.cordis.lu/greece): development and support in cooperation with CORDIS (Community Research and Development Information Service)
- Bimonthly magazine "Innovation, Research & Technology"
- Biweekly eNewsletter "Research and Innovation" and e-Newsletter for the public libraries

CoherentPaaS consortium has contacted the National Documentation Centre, part of the National Hellenic Research Foundation (NHRF). NDC has agreed at this point to disseminate results of CoherentPaaS project. At this early stage we have agreed to promote CoherentPaaS through the Centre's web site (www.ekt.gr) and there are more possibilities, mainly through NDC's tactical newsletter and magazine, for which there is also an initial agreement.

The Technical Chamber of Greece (TEE-TCG) was established in 1923. It is a public legal entity, with elected administration and it aims at developing Science and Technology in sectors related to the disciplines of its members, for the economic, social, and cultural development of the country. The TCG is the official adviser of the State and has a number of roles and objectives such as the study, on its own initiative or upon request, by itself or in coordination with other scientific institutions, any technical, economic or development matter that is of interest to society, the assistance in the proper formation and implementation of development projects and the contribution to making programmes on technical education, to developing local research and technology, and to maximizing the potential of its members, in accordance with the development needs of the country. Furthermore, it informs the public by issuing announcements, publications, etc., it participates in International Organizations, in

Unions and Federations of Engineers, develops relations with similar organizations of other countries and organizes conferences, exhibitions and other events to promote its scope and provides guidelines for standards and regulations.

Through participating in the TEE-TCG activities and events (conferences, newsletters, publications, etc.), CoherentPaaS project can disseminate its results to a highly specialized audience and exploit the various channels provided in order to make an impact to the technical world of Greece and create an interest in the project's objectives and outcomes.

Science and Technology Park of Crete (STEP-C), where Neurocom SA R&D is located, is also promoting and disseminating the outcome of the companies of the Park. STEP-C was established in 1993 as an initiative of the Foundation for Research and Technology Hellas (FORTH), one of the largest Research Organizations in the country. The Park has a total of 4000 sq.m floor space with more than 100 offices and 12 labs, accommodating small technological and service companies in two buildings, at a privileged physical location.

Particularly the main objectives of the Park are:

- Technology transfer and commercial exploitation of research outcomes
- Assessment and management of intellectual property rights
- Promoting and supporting entrepreneurship
- Hosting and support of innovative start-ups companies
- Training of companies' staff

The current activities of the Park are the incubation facilities, participation in RTD projects, training seminars and collaborations. STEP-C is:

- Member of the International Association of Science Parks (IASP)
- Member of the Association of the Greek Science and Technology Parks (ENETEP)
- Member of the European EURAXESS Services Network

PRAXI/ HELP-FORWARD Network (Hellenic Project for Wider Application of R&D) was created in order to provide bridge between Research and Industry in Greece. Since 1991 PRAXI offers Technology Transfer brokerage services to Greek companies and Research Institutions and provides information, mediation and advisory services to all stages of Technology Transfer and Exploitation of Research Results:

- Funding opportunities identification
- Detection of technological needs
- Technology watch and evaluation
- Partner search
- Technology transfer negotiations support

PRAXI/ HELP-FORWARD Network operates as a distinct entity, under the Central Administration of the Foundation for Research and Technology - Hellas (FORTH). It is administered by FORTH, operates as a non-profit private organisation and draws its funds from the European Commission (Competitiveness and Innovation Programme, RTD Framework Programme, Structural Funds) and from services to its clients. PRAXI/ HELP-FORWARD Network is a member of the Enterprise Europe Network - Hellas (www.enterprise-hellas.gr).

Table 1: Public Organizations

## 3.4. General Public

The general European community is considered a target group mainly for evoking possible interest in the general aspects of the CoherentPaaS project and more specific in the general concepts of the application scenarios.

The dissemination channels targeting the general public will be mainly mass media, though, e.g. press releases, TV and radio CoherentPaaS. The project web site will constitute also a channel to approach the general European public.

# 4. Dissemination Channels

This chapter offers a general description of the concrete channels to be used for the dissemination of the CoherentPaaS results and gives some hints on how to identify / approach them and which type of audience they target.

## 4.1. Web Site

The project website should act as one of the major communication vehicles for global dissemination to all specified target groups (i.e. general public, research communities, industry / business, government-related organizations).

In addition to the more general project information such as project objectives, project partners and contact details, target group specific information will also be published on the website. Currently it includes the poster of the project, the factsheet and briefly descriptions of the case studies in order to attract visitors, while continuous updates with information on project presentations, publications, events and project developments should attract recurring visitors. Moreover, the web site often publishes news and information regarding the project's topics of interest, which can also attract visitors.

Following the initial launch, later updates on the website will include links with social networks (e.g. LinkedIn, Twitter, Facebook, etc) as well as RSS feed functionality. Statistics about the project web site will be collected, including information such as number of visits, origin of the visits, terms the CoherentPaaS website was approached with via search engines, number of downloads of the available documentation (papers, public deliverables,...), software outcomes, etc. For more information, visit the URL of the project web site: http://coherentpaas.eu . A screen shot of the web site can be seen in the next figure.



Image 1: CoherentPaaS home page

## 4.2. Promotional Material

Within the group of promotional material, the following tools are considered as potent vehicles to disseminate the project messages:

- Flyers
- Posters
- Video
- Press Releases

All the promotional material will be designed jointly with professional graphical designers to produce material that will help to attract and interest visitors in public events and help to disseminate more widely the project results.

A professional logo has been designed working together with professional graphical designers to provide the project with a graphical identity:

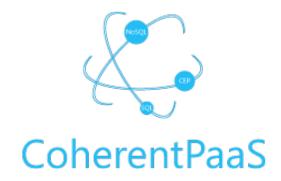


Image 2: CoherentPaaS official logo

The logo shows that CoherentPaaS is a rich PaaS where different data stores can execute particular tasks by exploiting the common programming model and language and the holistic coherence that the platform provides.

# 4.2.1. Flyer

Three flyers will be designed for the different stages of the project. The first one will provide the vision and goals of the project. It will be used as well as factsheet for the project. The second one will provide the early results of the project and will focus on creating expectations through these early results. The final one will focus on summarizing the achievements of the project and how the project plans to exploit commercially the results to engage potential clients/users of the platform. The flyers will contain the following items:

- Vision of the project.
- Major innovations of the project.
- Use cases (e.g. brief description of application scenarios).
- Contact information (e.g. web site url, e-mail address, telephone number,.. and other info that n be of interest for the people interested in following the project progress).
- Results (expected/early/final).

The first CoherentPaaS' factsheet has been already published in the project's official web site and can be found here: <a href="http://coherentpaas.eu/wp-content/uploads/sites/2/2014/01/CoherentPaaS Factsheet v0.21 0.pdf">http://coherentpaas.eu/wp-content/uploads/sites/2/2014/01/CoherentPaaS Factsheet v0.21 0.pdf</a>

#### 4.2.2. Poster

A poster has been designed distilling the main message of the project in cooperation with professional graphical designers. The goal has been to create a highly attractive poster that can attract the attention of visitors in large events where the main difficulty is to attract the attention of public due to the excess of offer from many booths in exhibition floors.

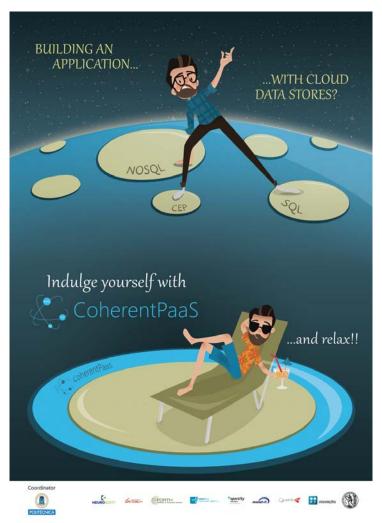


Image 3: CoherentPaaS poster

The message of the poster is twofold. It is designed to highlight the ease of implementing applications that can make use of different types of data stores. On one hand, CoherentPaaS' common query language offers the possibility of writing common queries that can be executed in all different types of data stores that an application might use, thus facilitating the orchestration of data workflows among them. The application developer can easily 'step' into different data stores at the same time by letting CoherentPaaS orchestrate their inter-exchange of data. On the other hand, the application developer does not have to worry about data consistency when dealing with concurrent transactions that update data from different providers. CoherentPaaS' holistic transactional manager ensures ACID semantics of concurrent transactions among every involved data store, thus giving the impression to the developer of using a single data provider.

## 4.2.3. Promotional Video

A promotional video will be created that will serve three purposes:

- To provide a visual support for delivering a pitch about the project to broad audiences from non-technical people to experts on the topic.
- To be used as background video in exhibition booths.
- To be distributed through the project web site and youtube.

The promotional video will distil the core messages and innovations from the project and will deliver them in a visual and attractive manner.

#### 4.2.4. Press Releases

The publication of press releases in national and international media is an efficient way to reach a broad audience. Therefore, the possibility to publish press releases will be investigated by all the partners in the consortium in their respective countries and organizations.

They can be either general articles including general concepts of the project or more specialized articles on concrete topics, targeted to specific sectors press. Their purpose is usually to announce something recently occurred or to be happened in a near future; therefore CoherentPaaS press releases will be published coinciding with major milestones of the project (e.g. release of a prototype, demonstration event, release of a concrete technology innovation, etc.). They can be published in different media, from newspapers and magazines to radio and TV stations.

## 4.3. Publications

Through publications, CoherentPaaS will disseminate its results in a wide technical audience and achieve great impact on international research communities. The main material suitable for this channel refers to the CoherentPaaS innovations. We can distinguish publications in two main groups:

- Scientific journals
- Conferences, workshops and other events

#### 4.3.1. Scientific Journals

One of the most promising possibilities is the international scientific journals, published by prestigious bodies, where the latest technological advances are presented. A list of bodies and their corresponding publications that could be of use to CoherentPaaS follow:

- VLDB Journal (VLDBJ)
- ACM Transactions on Database Systems (TODS)
- Information Systems (IS)
- IEEE Transactions On Data and Knowledge Engineering (TKDE)
- Data and Knowledge Engineering (DKE)
- Journal of Parallel and Distributed Databases

- ACM Transactions on Computer Systems (TOCS)
- IEEE Transactions on Parallel and Distributed Systems (TPDS)
- Journal on Parallel and Distributed Computing (JPDC)
- ACM Transactions on Storage
- Cluster Computing (CC)
- Journal of Grid Computing (JGC)

## 4.3.2. Conferences, workshops and other events

Another interesting prospect for dissemination is the conferences organized from time to time from various bodies, where in addition to the presentation of CoherentPaaS features, face to face discussions can be of great help to the dissemination of CoherentPaaS concepts and potential collaborations through networking. Each year a significant number of conferences are organized and in a vast scientific domain. The most prestigious ones are conferences that are organized each year as part of a series. An indicative list of such activities follows. Note that this is not an exhaustive list and additional ones will be identified as the project progresses.

Results related to cloud data stores, query processing, and transactional processing will be published to database and knowledge management conferences:

- VLDB
- SIGMOD
- ICDE
- EDBT
- CIKM

Results related to distributed processing, dependability and fault-tolerance will be published in conferences related to distributed systems and dependability:

- ICDCS
- EuroSys
- DSN
- Middleware
- SRDS
- IPDPS
- IEEE Cluster
- CCGrid

Results related to the architecture of the underlying I/O subsystem and communication in conferences related to computer architecture and storage systems. The strongest venues in this direction are:

- ISCA
- ASPLOS
- HPCA
- ICS
- FAST
- MSST
- SYSTOR
- HotStorage

# 4.4. White Papers

Since the project has as its main goal to exploit commercially most of its outcomes, most deliverables are not public to avoid the competition gaining insights on what is done before the consortium partners are prepared for doing a commercialization effort. Additionally, deliverables are quite deep technical documents with little interest for a broad audience. For this reason, every year a public white paper will be written summarizing the main outcomes of the project so far. This white paper will be written with care so that it is understandable to a wide audience and can attract the attention of stakeholders and potential users/clients of the platform.

# 5. Event Calendar

The following table includes the main target events that can be of interest for the CoherentPaaS dissemination actions.

For some events, the Call for Papers was too early and CoherentPaaS results have not been ready in time for the submission to the current edition. However, the events will be considered in their next edition and are included here as reference of the kind of channels to be followed to disseminate the CoherentPaaS results.

Name	Туре	Dates	Url
International Journal	Journal	2014	http://www.vldb.org/vldb_journal/
of Very Large			
DataBases (VLDBJ)			
ACM Transactions on	Journal	2014	http://tods.acm.org/
Database Systems			
(TODS)			
Information Systems	Journal	2014	http://www.journals.elsevier.com/in
(IS)			formation-systems/
IEEE Transactions	Journal	2014	http://www.computer.org/portal/we
On Data and			b/tkde
Knowledge			
Engineering (TKDE)			
Data and Knowledge	Journal	2014	http://www.journals.elsevier.com/da
Engineering (DKE)			ta-and-knowledge-engineering/
Data and Knowledge	Journal	2014	http://www.journals.elsevier.com/da
Engineering (DKE)			ta-and-knowledge-engineering/
Journal of Parallel	Journal	2014	http://www.journals.elsevier.com/jo
and Distributed			urnal-of-parallel-and-distributed-
Databases	_		computing/
ACM Transactions on	Journal	2014	http://tocs.acm.org/
Computer Systems			
(TOCS)			
IEEE Transactions on	Journal	2014	http://www.computer.org/portal/we
Parallel and			b/tpds
Distributed Systems			
(TPDS)	T 1	2014	
Journal on Parallel	Journal	2014	http://www.journals.elsevier.com/jo
and Distributed			urnal-of-parallel-and-distributed-
Computing (JPDC)	Iouwal	2014	computing/
ACM Transactions on	Journal	2014	http://tos.acm.org/
Storage Cluster Computing	Journal	2014	http://link.springer.com/journal/105
(CC)	journal	2014	86
Journal of Grid	Journal	2014	http://link.springer.com/journal/107
Computing (JGC)	journar	2017	23
VLDB	Conference	August 31 –	http://www.vldb.org/2015/
ע עטט	Connectence	September 4	11ttp.//www.viub.org/2013/
		2015	
SIGMOD	Conference	May 31 - June	http://www.sigmod2015.org/
	Joinerence	4, 2015	map,//www.signiouzo15.01g/
ICDE	Conference		http://www.icde2015.kr/
ICDE	Conference	April 13-17,	http://www.icde2015.kr/

		2015	
EDBT	Conference	March 23-27, 2015	http://edbticdt2015.be/
CIKM	Conference	Oct 19, - Oct 23, 2015	http://www.cikm-2015.org/
ICDCS	Conference	June 29th - July 2nd, 2015	http://icdcs-2015.cse.ohio-state.edu/
EuroSys	Conference	April 21-24, 2015	http://eurosys2015.labri.fr/
DSN	Conference	June 22-June 25 2015	http://www.ft.unicamp.br/dsn2015/
IPDPS	Conference	May 29-May 25 2015	http://www.ipdps.org/
IEEE Cluster	Conference	September 9- 11 2015	http://www.clustercomp.org/
CCGrid	Conference	May 4-7, 2015	http://cloud.siat.ac.cn/ccgrid2015/
ISCA	Conference	June 13-17 2015	http://www.isca2015.org/
ASPLOS	Conference	March 14-18, 2015	http://asplos15.bilkent.edu.tr/
НРСА	Conference	February 7-11, 2015	http://darksilicon.org/hpca/
ICS	Conference	5th - 9th October 2015	http://www.ics.org/2015
SYSTOR	Conference	May 26-28, 2015	http://www.systor.org/2015/cfp.html
HotStorage	Conference	July 6, 2015- July 7, 2015	https://www.usenix.org/category/conference-group/hotstorage

Table 2: Event Calendar

# 6. Dissemination Activities

This chapter describes all the concrete dissemination activities that took place during the first period of the project (M01-M12). The measurement and evaluation of these efforts is being performed using the criteria defined in the previous section.

This is the first version of the Dissemination Report. There will be two more updates in project month 24 and 36.

## 6.1. Publications

**¡Error! No se encuentra el origen de la referencia.** summarizes the publication activities related to CoherentPaaS by the consortium partners for the first reporting period. The table contains only already or accepted to be published activities. These publications have been made by partners who are part of the consortium. UPM has also published one conference paper collaborating with non-consortium partner. MonetDB has also published three conference papers collaborating with CWI University in the Netherlands. The following sections will present each of these activities separately.

Publications	#(M01-M12)
Book Editing	0
Book Chapters	1
Journal Articles	0
Conference and Workshop papers	9
Other	6
Total	16

Table 3: Publications on first reporting period

Figure 1 and Figure 2 shows the number of publications that have been reported per partner and as relevant for each WP in the project. If a publication is reported as relevant for more than one WP or partner, then it appears more than once in the corresponding figures. It must be underlined that during the first reporting period it was not planned to publish a significant amount of papers and articles in the scientific academic community, as the results and outcomes of the project would have been at a primary stage. Due to this, an increased amount of related publications is expected at the forthcoming periods, in order to strengthen the dissemination policy of CoherentPaaS. It is also worth to mention that NEUROCOM is additionally presenting CoherentPaaS within its formal presentations to customers and informal discussion, highlighting the company's will, strategy and availability of skills, to seek and deploy the best appropriate data store solutions for variant business needs, even based on R&D intensive and innovative actions such as CoherentPaaS. Moreover, MonetDB is additionally presenting CoherentPaaS within its formal presentations and releases to

customers by publishing scientific articles and product releases related with the project, through its official dissemination channels.

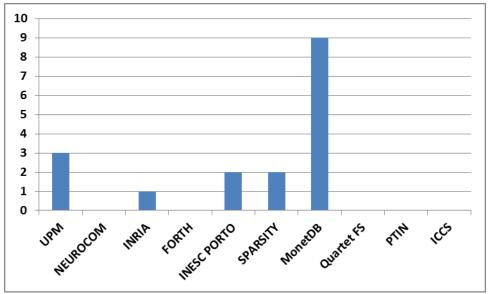


Figure 1: Publications per partner

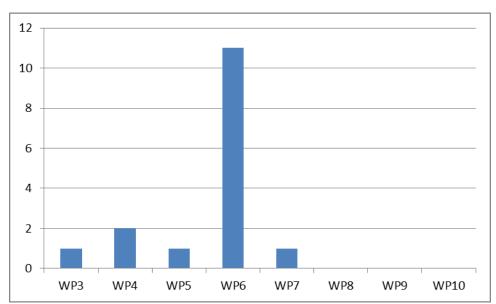


Figure 2: Publications per WP

## 6.1.1. Book Editing and Book Chapters

During the first reporting period, UPM produced a book chapter on a Complex Event Processing SIEM:

Gulisano, Vincenzo, Ricardo Jiménez Peris, Marta Patino Martnez, Claudio Soriente, and Valerio Vianello. "Complex Event Processing Based SIEM." In De Tangil, Guillermo Suarez, and Esther Palomar. *Advances in Security Information Management: Perceptions and Outcomes.* Nova Science Publishers, Inc., 2013.

#### 6.1.2. Journal Articles

During the first period of the project no journal articles has been published by the CoherentPaaS consortium.

## **6.1.3. Conference and Workshop Papers**

The following papers have been published containing research that has been performed in the context of CoherentPaaS:

Publication Title	Conference	Author(s) Name(s)	Publi- cation Date	Bene- ficiary
MdbQL: a multidatabase query language for SQL and NoSQL in the cloud.	BDA 2014, Autrans, France	Boyan Kolev, Patrick Valduriez, Ricardo Jimenez- Peris, Norbert Martínez-Bazan, Jose Pereira	October 2014	INRIA SPARSIT Y UPM
Waste Not Efficient Co-Processing of Relational Data	IEEE International Conference on Data Engineering	Pirk, H. Manegold, S. Kersten, M.L.	March 2014	MONETD B
Single-click to Big Data insights: Transaction-replication and deployment automation made simple for the Cloud Age	International Conference on Technics, Technologies and Education 2014	Dimitar G. Nedev, Niels Nes, Hannes Mühleisen, Ying Zhang, Martin Kersten	October 2014	MONETD B
On the Support of Versioning in Distributed Key-Value Stores	33rd IEEE Symposium on Reliable Distributed Systems	Felber, P., M. Pasin, E. Rivière, V. Schiavoni, P. Sutra, F. Coelho, M. Matos, R. Oliveira, and R. Vilaça	October 2014	INESC PORTO
pH1: A Transactional Middleware for NoSQL	33rd IEEE Symposium on Reliable Distributed Systems	Coelho, F., Cruz F., Vilaça R., Pereira J. and Oliveira R.	October 2014	INESC PORTO
Using semijoin programs to solve	GRAph Data management	Norbert Martinez-Bazan,	June 2014	SPARSIT Y

traversal queries in	Experiences and	David		
graph databases.	Systems (GRADES	Dominguez-Sal		
	- ACM)			
Database Cracking:	10 th	Pirk, H. Petraki,	June	MONETD
Fancy Scan, not Poor	International	E. Idreos, S.	2014	В
Man's Sort!	Workshop on Data	Manegold, S.		
	Management on	Kersten, M.L.		
	New Hardware			
	(SIGMOD/DaMoN)			
Transactional failure	14th International	Muhammad	2013	UPM
recovery for a	Middleware	Yousuf Ahmad,		
distributed key-value	Conference,	Bettina Kemme,		
store.	Beijing, China	Ivan Brondino,		
		Marta Patiño-		
		Mart ínez,		
		Ricardo Jiménez-		
		Peris		
Performance	18th International	Rohit Dhamane,	2014	UPM
Evaluation of Database	Database	Patiño-Martínez		
Replication Systems	Engineering	Marta, Vianelo		
	Applications	Vianello,		
	Symposium	Jiménez-Peris		
	(IDEAS)	Ricardo		

Table 4: Conference papers (accepted or published)

## 6.1.4. Other

Additionally, MonetDB has performed numerous publications on its official web site regarding new software releases and bug fixes that concerns CoherentPaaS. These are all listed in the following table.

<b>Publication Title</b>	Publication Link	<b>Date Submitted</b>
MonetDB	https://www.monetdb.org/OldReleaseNotes/Feb2013	16-0κτ-13
Feb2013-SP5		
bugfix release		
MonetDB	https://www.monetdb.org/OldReleaseNotes/Feb2013	3-Δεκ-13
Feb2013-SP6		
bugfix release		
MonetDB Jan2014	https://www.monetdb.org/Downloads/ReleaseNotes	20-Φεβ-14
feature release		
MonetDB	https://www.monetdb.org/Downloads/ReleaseNotes	10-Μαρ-14
Jan2014-SP1		
bugfix release		
MonetDB	https://www.monetdb.org/Downloads/ReleaseNotes	22-Μαϊ-14
Jan2014-SP2		
bugfix release		
MonetDB	https://www.monetdb.org/Downloads/ReleaseNotes	31-Ιουλ-14
Jan2014-SP3		
bugfix release		

**Table 5: Other Publications** 

# 6.2. Workshop Organization

During the first period of the project (M1-M12) it was not planned to organize a workshop in order to promote and disseminate CoherentPaaS outcomes and findings. However, the consortium has already planned to organize two workshops during the forthcoming two periods, M13-24 and M25-M36. The first workshop is already planned to take place during the forthcoming Cloud EXPO Europe [6], which will take place in London in 11 to 12 of March, 2015.

# 6.3. Training Activities

Table 6 gives an overview of on-going and finished teaching activities.

Type of Activities	On-Going	Finished
Lectures	8	1
Post-Doctoral	1	-
Phd Dissertation	7	-
Diploma Thesis	2	1
Master Thesis	4	1
Total	22	3

**Table 6: Training Activities** 

#### **UPM**

UPM-LSD has participated in the creation of a new major in the European ICTLabs master on "Data Science". This is a 2-year European master with double-degree and has a minor on "Entrepreneurship". The master aims at training entrepreneurs in hot ICT areas where innovation activities can lead to the creation of new ICT industry. UPM is both an entry and exit node (teaches both the first and second years) and LeanXcale, the startup being created by UPM and INESC, will receive internships from the master students. In this master the course "Big Data Ecosystems" is taught by UPM-LSD.

UPM is also involved in two masters related to the project topic and UPM-LSD, the team involved in the project, participates in both. The first one is a 1-year research-oriented master "Master on Software and Systems". Two courses are taught related to the project, "Foundations of Distributed Systems" and "New Trends in Distributed Systems". The second master is a 2-year professional oriented master with a minor in "Entrepreneurship" and a major in "Distributed Systems".

UPM-LSD has also 3 on-going PhD thesis and 2 master thesis on topics from the project. 2 thesis (1 master, 1 diploma) have been defended on contributions of the project.

#### INRIA

Within the program "large-scale distributed data management" that INRIA teaches at University Montpellier (Master level), there was one lecture given by Patrick Valduriez

on multidatabase management, which is the basis for the work on the CloudMdsQL language. The involvement of native queries in the common query language for CoherentPaaS raises new challenges for query optimization that are being explored as the subject of one PhD dissertation and one post-doctoral fellowship

#### **FORTH**

FORTH researchers, associated with CoherentPaaS contribute to the following training and teaching activities in the Department of Computer Science at the University of Crete:

- Systems programming, 2nd year undergraduate compulsory course
- Embedded systems, 4th year undergraduate elective course
- Parallel Computer Architecture, graduate course
- 1 PhD thesis, related to storage issues
- 1 Masters thesis, related to key value store optimizations

#### **ICCS**

ICCS contributes to the extension of the 'Web Programming' lecture of the undergraduate course of the school of Electrical and Computer Engineering (ECE) of the National and Technical University of Athens (NTUA), and to the extension of the 'Fault Tolerance' lecture of the post-graduate course of the aforementioned school. Two Phd on-going dissertations are related with the topics of CoherentPaaS, while one on-going diploma thesis and one on-going master thesis are directly related with the document data stores and MongoDB's extensions that ICCS contributes to the project. Moreover, it is planned to offer a practical for students in 2015 and 2016 based on the research results and prototypical implementations of CoherentPaaS available at that time.

# 7. Communication Activities

Table 7 summarizes the communication activities that took place in the  $1^{\rm st}$  dissemination phase.

Activity	# (M1 - M12)
Invited talks	11
Press releases	9
Meeting and EC Events	23
Project presentations	10
Total	54

**Table 7: List of Communication Activities** 

In the following subsection we present the concrete communication activities in the sequence they are listed in the above table.

## 7.1. Invited Talks

Patrick Valduriez from INRIA on Monday September 15<sup>th</sup> was invited to talk in the Workshop on Database Consistency in the Cloud [1] which took place at 15th and 16th of September at Paris, France in the University Pierre and Marie Curie. The title was "<u>MdbQL: a multidatabase query language for SQL and NoSQL in the cloud"</u>, the common query language which the project target.

Sparsity gave a series of talks in Chile under the title "Seminar on Graph Databases and Applications" at the invitation of the following institutions:

- Curicó on 28/7/2014
- Santiago de Chile, University on 4/8/2014
- Talca, University on 11/8/2014

Prof. Martin L. Kersten on behalf of MonetDB was invited to talk in the ACM SIGMOD/PODS Conference. The event took place at 26/6/2014 in Snowbird, Utah, USA and the subject of the speech was "Off-road Database Research Agenda" [2].

Moreover, Prof. Ricardo Jimenez-Peris was invited to talk regarding CoherentPaaS in the following events:

- EU-South Korea workshop, Seoul, South Korea, at 30/09/13.
- Department Seminar, London, UK, at 11/10/13.
- EUDAT workshop, Rome, Italy, at 28/10/13.
- Tech Days PT Innovacao, Aveiro, Portugal at 18/11/13.
- PT Innovacao seminar, Aveiro, Portugal at 14/01/14.
- Big Data event, Madrid, Spain, at 28/05/14.

# 7.2. Press Release

On the 1<sup>st</sup> of October 2014 the Portugal Telecom Innovação (PTIN) at PTIN's institutional web site introduced as the project of the month highlighting its basic concepts and objectives [3].

ICCS/NTUA has release an article [4] about the participation of the institution in the project and a briefly description of it. The article was released in one of the most important news portal of Greece.

MonetDB has made 7 press releases about the big data and the challenges which is facing in her research projects which are summarizing below:

Subject	Date	Press release link
Database consulting		
company MonetDB		
Solutions newest		https://www.cwi.nl/news/2013/database-consulting-
spin-off CWI	21/11/2013	company-monetdb-solutions-newest-spin-cwi
AutomatiseringGids	22/11/2013	http://www.automatiseringgids.nl/nieuws/2013/47/cwi-start-

(Dutch IT newspaper)		big-data-adviesbedrijf-monetdb-solutions
CWI and MonetDB in		
Big Data research		https://www.cwi.nl/news/2014/cwi-and-monetdb-in-big-
project	03/04/2014	<u>data-research-project</u>
AutomatiseringGids		http://www.automatiseringgids.nl/nieuws/2014/15/monetdb-
(Dutch IT newspaper)	09/04/2014	stort-zich-op-realtime-procesoptimaisatie
International		
innovation award to		https://www.cwi.nl/news/2014/international-innovation-
Martin Kersten	24/06/2014	<u>award-big-data-research-martin-kersten</u>
AutomatiseringGids		http://www.automatiseringgids.nl/nieuws/2014/26/martin-
(Dutch IT newspaper)	25/06/2014	<u>kersten-krijgt-innovatieprijs</u>
ERCIM News issue		http://ercim-news.ercim.eu/en98/ib/international-
98, Jul-14	July 2014	<u>innovation-award-for-martin-kersten</u>

Table 8: MonetDB press releases

# 7.3. Project Presentation

¡Error! No se encuentra el origen de la referencia. shows project presentations that took place in the 1st dissemination phase from the consortium of CoherentPaaS.

<b>Event Name</b>	<b>Event Location</b>	Date	Beneficiary
Neurocom Technical	Neurocom	19/12/2013	NEUROCOM
Workshop	headquarters, Athens,		
	GREECE		
Visit to FORTH by	FORTH, Heraklion,	22/4/2014	FORTH
Fujitsu Technology	Greece		
Solutions, Germany			
Visit to FORTH by	FORTH, Heraklion,	13/10/2013	FORTH
Samsung, Korea	Greece		
Visit to FORTH by	FORTH, Heraklion,	30/6/2014	FORTH
Private	Greece		
Enterpreneurs			
Visit by A. Bilas to	BSC, Spain	26/9/2014	FORTH
BSC, Spain			
GraphLab Conference	San Francisco, USA	21/8/2014	SPARSITY
Workshop on Graph	Barcelona, Spain	21/2/2014	SPARSITY
based Technologies			
and Applications			
ActivePivot User	QUARTETFS, London,	07/06/2013	QUARTETFS
Group	UK		
PT Group R&D Cloud-	PTIN Headquarters,	5/12/2013	PTIN
related Projects	Lisbon, Portugal		
Workshop			
Mobile World	Barcelona, Spain	24/02/2014	ICCS
Congress MWC2014			

**Table 9: Project Presentations** 

# 7.4. Meetings and EC Events

The following table shows the meetings and EC events that CoherentPaaS have been presented:

Named Event	Date	Location	Comment	Benefi ciary
SIMO	16.10.13	Madrid, Spain	B2B meeting with Praxis IT for CoherentPaaS exploitation	UPM
ICT Conference	6-8.11.13	Vilnius, Lithuania	Booth at ICT Conference	UPM
CloudScape	24-25.02.14	Brussels, Belgium	CoherenPaaS Common Query Language Workshop	UPM
CloudExpo Europe	27-27.02.14	London, UK	Direct communication with attendants and exhibitors	UPM
Tokutek	5.03.14	NY, USA	CoherentPaaS	UPM
Concertation meeting Software & Services	12-13.03.14	Brussels, Belgium	CoherentPaaS	UPM
Future Internet Assembly (FIA)	18-20.03.14	Athens, Greece	Booth at FIA	UPM
EU-Mexico workshop	20.03.14	Athens, Greece	Ultra-Scalable Cloud Data Management and PaaS	UPM
ICTLabs Partner Event	8-11.04.14	Berlin, Germany	Attendance and Direct communication with attendants	UPM
Indizen-UPM meeting	25.04.14	Madrid, Spain	Ultra-Scalable Transactions, SQL, NoSQL, OLTP & OLAP	UPM
Accenture-UPM meeting	29.04.14	Madrid, Spain	Ultra-Scalable Transactions, SQL, NoSQL, OLTP & OLAP	UPM
EU-Japan workshop	15-16.05.14	Brussels, Belgium	Attendance and participation	UPM
Accenture-UPM meeting	02.06.14	Madrid, Spain	Accenture demo	UPM
Cloud Expo NY	10-12.06.14	NY, USA	Direct communication with attendants and exhibitors	UPM
Tokutek	13.06.14	NY, USA	CoherentPaaS	UPM
Gigaom Structure	18-19.06.14	San Francisco, USA	Interview with Gigaom market analyst. Direct communication with attendants and exhibitors	UPM
ICTLabs Idea Challenge Finals	23-24.06.14	Rennes, France	LeanXcale	UPM
IEEE Int. Conf. On Distributed Systems (ICDCS)	30.06- 03.07.14	Madrid, Spain	ICDCS Opening Talk	UPM
Indra-UPM meeting	26.06.14	Madrid, Spain	Ultra-Scalable Transactions, SQL, NoSQL, OLTP & OLAP	UPM
Ikerlan-UPM workshop on	15-16.07.14	Mondragon, Spain	Ultra-Scalable Transactions, SQL, NoSQL, OLTP & OLAP	UPM

Scalable M2M				
BBVA-UPM meeting	28.07-14	Madrid, Spain	Ultra-Scalable Transactions, SQL, NoSQL, OLTP & OLAP	UPM
SeaClouds workshop @ ESOC	2.09.14	Manchester, UK	Supporting Applications on Top of Multiple Cloud Data Stores with CoherentPaaS	UPM
Concertation meeting Software & Services	10-11.09.14	Brussels, Belgium	CoherentPaaS	UPM
M2M Conference	22-24.09.14	Marseille, France	Direct communication with attendants and exhibitors	UPM

**Table 10: Meetings and EC Events** 

# 8. Summary

This document defines the initial dissemination and communication strategy and plan of CoherentPaaS. We define activities and dissemination channels that will be employed by CoherentPaaS to ensure a sufficient communication and promotion of the objectives and outcomes of the project to both academia and industry within and beyond the projects lifetime. The main goal from a dissemination point of view is to ensure CoherentPaaS' visibility, which draws the attention of target groups to the project and supports the application of the project's outcomes and results. The main dissemination channels that the project will focus in order to disseminate its outcomes and results have been identified. We also include references and tables of events (journals, conferences and workshops) of major importance for the CoherentPaaS project and images of the dissemination materials that are referenced throughout the text.

Finally, this deliverable reports on and evaluates the communication and dissemination activities of the CoherentPaaS' project during the first dissemination phase (M1 – M12). We will plan and increase the communication and dissemination effort during the second dissemination period. Especially, dissemination of initial versions of prototypical implementations of CoherentPaaS components and scenarios, as well as the prototypical design of the supported data stores will be important during the second dissemination phase.

Two updated versions of the communication and dissemination report will be provided by deliverables D11.2.2 (M24) and D11.2.3 (M36). These will include reporting on progress and results regarding communication and dissemination goals for dissemination phases two and three.

# 9. References

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