

OPEN CITIES



D5.5.11 Report on planning and management of experimentations and Observatory

Project Acronym **Open Cities**

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Project Title: **OPEN INNOVATION Mechanism in Smart Cities**

5.5.11 Report on planning and management of experimentations and Observatory

Authors:

Jonathan Bartoli (Cap Digital)

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Statement of originality:

This deliverable contains original unpublished work except where clearly indicated otherwise. Acknowledgement of previously published material and of the work of others has been made through appropriate citation, quotation or both.

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The period covered by this report on planning and management of experimentations and Observatory is from 1st of November 2010 to 31th of May 2011. The works accomplished during this period have, at first, mainly been dedicated to initiating the project by precisising the scope of the platform and the objectives of the WP5, and explore different alternatives for fostering the participation of SMEs.

Once the operationnal planning has been defined, the works have mainly been dedicated to the preparation and launch of the first call for projects, to the specification of the web site and to the Preparation of Open Cities Paris Summit to be held in June 22-24th.

1. THE OPEN PLATFORM FOR HIGH SPEED BROADBAND SERVICES

1.1 A SUPPORT MECHANISM FOR COMPANIES TO FINE-TUNE THEIR ON-LINE AND MOBILE SERVICES

In order to support businesses working in the areas of digital contents in Europe fine-tune their innovative on-line and mobile services and digital contents, Cap Digital Paris Region Business Cluster wished to take part in the Open Cities project of the 7th Framework Programme on Research & Development. Cap Digital's involvement is one of the final links on the technological innovation chain, i.e. real-size experimentation before the commercial development of the project.

For companies working in the digital contents sectors, the Open Cities experimentation platform for High Speed Broadband Services comes at a crucial stage in the development of innovative products and services. This experimentation phase in real-life usage conditions is placed between the industrial launching/commercial rollout stages and up-stream research and development phases.

1.2 SCOPE OF THE PLATFORM

The platform will be opened to:

- All high-speed broadband (HSB) services (FTTH and ADSL) and not only applications using fiber optic networks.
- Mobile applications, while the question of their availability through a store will be the responsibility of individual project holders. Bearstech may provide advice in this area.
- Connected TV projects. Agreements with broadcasting company will be the responsibility of individual project holders.

Services under experimentation will be at the prototyping stage, and constitute a technological innovation or an innovative service.

Calls for projects will not be thematic, but special consideration will be given to services addressing issues pertaining to urban life and citizenship.

1.3 RESOURCES MADE AVAILABLE TO COMPANIES ON THE OPEN PLATFORM FOR HIGH SPEED BROADBAND SERVICES

The Open Platform for High Speed Broadband services is opened to all Small and Medium Enterprises operating in the different sectors of digital contents and information technology encompassed by the business cluster: Culture, Press and Media, Digital Design, e-Learning and e-Training, Image, Sound and Interactivity (ISI), Knowledge Engineering, Video Games, Open Source Software, Collaborative Technology & Intelligence, Robotics and Communicating Objects, and Mobile Lifestyle & Services. Projects may include on-line and mobile services, video games, search engines, e-Learning, digital music, digital audio-visual contents and multimedia, 3D, etc. Other projects, in areas of work connected to those of the business cluster, could also be submitted even though the cluster does not explicitly cover them.

As the Open Cities Platform is designed for prototyping on-line and mobile services or digital contents, and test them under "real-life" conditions with "real" end-users over a 2 to 3 months period, innovative projects lead by companies should be close to a commercial rollout stage.

Experimentation project leaders will have access to all the benefits and resources of the Open Cities Platform, in a 2 phase sequence:

1.3.1 Technical fine-tuning

If needed, installation of digital content and service prototypes on a managed data centre for a phase of alpha-testing, methodological and technical support to the company provided by Bearstech company engineers, on-line solutions specialist.

The objective is a technical fine-tuning of the experimentation project, before moving to the operational phase. Typically, load tests on degraded or optimized networks can be carried out.

1.3.2 Real-size experimentation

- I. If needed, hosting of digital contents and services on the servers of a data centre managed by Bearstech.
- II. Installation of services on an internet portal, <http://paris.opencities.net>, to :
 - allow internet users to access services and contents upon individual registration ;
 - present the work of the Open Cities Platform to the wider public and beta-testers ;
 - present the services and contents as well as companies involved in the experimentations ;
 - access information on the studies carried out by the Pan-European Observatory of FTTH Networks Usages.
- III. Access to a group of European beta-tester rewarded by incentives. Specific groups will be set up for each experimentation according to specific criteria defined by companies experimenting on-line and mobile contents and services in real-life usage conditions.

1.4 PARTNERS IN THE OPEN PLATFORM FOR HIGH SPEED BROADBAND SERVICES AND ROLES

Cap Digital Paris Region (Project leader) – Open Cities Platform coordination support : Tecdev.
www.capdigital.com | www.tecdev.fr

Institut Telecom : beta-testing and Pan-European Observatory of FTTH Networks Usages. www.institut-telecom.fr

Bearstech : technical support and applications hosting. www.bearstech.com

2. PARIS OPENCITIES WEBSITE

Online access to the services will be given through a web site.

The WP5 team has first collected the requirements in order to specify and develop the web site in the next period.

Cap Digital has established the specifications of the web site <http://paris.opencities.net> developed by Bearstech and set online all the necessary information for the first call for projects. The web site is online since the end of April.

The website also include a section dedicated to the Observatory of FTTx Networks were the studies managed by the Institut Telecom will be published (see section dedicated to the Observatory below).

Sign In Login Français

OPEN CITIES

Rechercher OK

A PROPOS OPENCITIES BETA-TESTS OBSERVATOIRE FTTX APPELS À PROJETS ACTUALITÉS

Open Innovation
+ Future Internet
+ Smart cities

Open Cities

Cities
Mechanisms
Objectives

APPLY NOW!

Open Platform
for High Speed
Broadband Services

Experimentations Beta tests

A PROPOS

The Open Platform for Broadband Services de Cap Digital est un **dispositif pour aider les entreprises à mettre au point leurs services fixes ou mobiles** via :

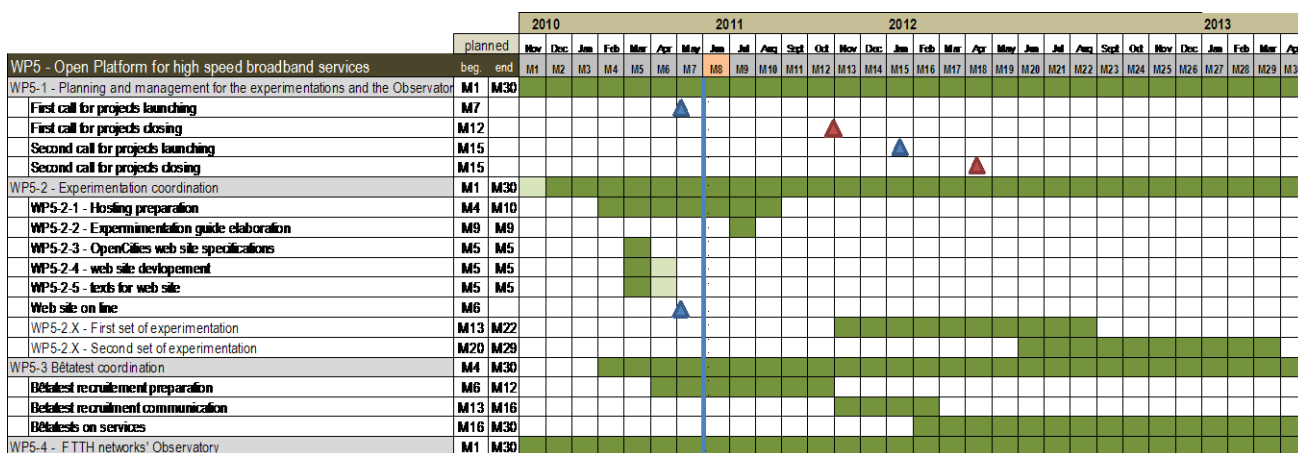
Une mise au point technique

Actualités pro
Ouverture du premier Appel à projets !
Actualités observatoire

3. WP5 PLANNING AND WORKS COORDINATION

Cap Digital has established different plannings to be used to coordinate partners activities during the whole project and experimentations.

3.1 PLANNING FOR PARTNER'S WORKS COORDINATION



3.2 PLANNING FOR EXPERIMENTATIONS MANAGEMENT

	A la date:		2010					2011					2012					2013													
	planned		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar
WP5-2.X - First set of experimentation	M13	M22																													
Launching	M13	M13																													
Préparation hébergement	M15	M15																													
Hébergement	M16	M21																													
Alphaest/ Mise au point	M16	M18																													
Préparation bêtaest	M17	M18																													
Recrutement bêtaesteurs	M19	M19																													
Bêtaest	M20	M21																													
Bilan	M22	M22																													

	A la date:		2010					2011					2012					2013													
	prévisionnel		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar
WP5-2.X - Second set experimentation	M20	M29																													
Réunion de cadrage	M20	M20																													
Préparation hébergement	M22	M22																													
Hébergement	M23	M28																													
Alphaest/ Mise au point	M23	M25																													
Préparation bêtaest	M24	M25																													
Recrutement bêtaesteurs	M26	M26																													
Bêtaest	M27	M28																													
Bilan	M29	M29																													

3.3 MEETINGS

The WP5 have been meeting monthly in order to ensure good coordination between their works. Such meetings have been held on 11th of February, 11th of March, 12th of April, 17th of May. Several other meetings have also been dedicated to the web site implementation.

3.4 GROUPWARE

A groupware using an open source software, Redmine, has been opened. It will be used both to centralize information for the partners of the WP5 and facilitate communication with the entreprise once the first experimentation will be launched on the platform.

4. FIRST CALL FOR PROJECTS LAUNCHING

The Call has been published in all Open Cities cities simultaneously. The target is to select 5 to 10 projects. The eligibility, process of selection and schedule have been defined in details. A communication plan has been established.

4.1 ELIGIBILITY OF EXPERIMENTATION PROJECTS

Within the Open Platform for High Speed Broadband Services, experimentation projects consist of on-line or mobile services or digital contents at a pre-competitive stage (close to industrial or commercial roll-out), going through the ultimate phase of research and development for fine-tuning. They are innovative projects with a high technological content.

These experimentation projects will aim at real-size testing of innovative technical solution prototypes, new models of on-line or mobile services, or new types of contents made possible by High Speed Broadband

Networks, in order to assess induced usages, resolve technical problems, fine-tune user-friendliness or user interface, validate business models, etc.

Experimentation projects dealing with urban life and/or citizenship will be given special consideration : projects providing e-Services for urban dwellers, projects related to urban management, building in the city and the urban environment, projects addressing urban transport and mobility, projects supporting dissemination of open information on local-level community life, projects promoting collaborative databases...

Projects should be lead by a Small or Medium Enterprise (less than 2,000 employees). In principle, these should be single partner projects lead by one company, but they may be a collaborative working involving several partners.

The Call for Projects is opened to all industrial operators of the digital contents and services sector in Amsterdam, Barcelona, Berlin, the Greater Paris Regions, Helsinki and Roma. French project leaders should be members of the Cap Digital Business Cluster, or have applied for membership with the Business Cluster. (<http://www.capdigital.com/cap-digital/adherer/>)

Experimental services and contents of projects submitted by applicants can be either designed for individual users (BtoC services) or for companies (BtoB services).

4.2 SELECTION OF EXPERIMENTATION PROJECTS

Experimentation projects will be initially selected by an international jury made of representatives of Cap Digital's governing body, experts from the various areas of work of the digital sector and Open Cities partners.

Expected features of submitted experimentation projects include:

- that they are in the final stretch of the research & development phase, technical adjustment of the interface and ergonomics of the service or product ;
- that they are at a pre-competitive stage and offer an economic model for the next phase of industrialization or commercial roll-out ;
- that they are within the company's development strategy ;
- that they demonstrate a real need for part of all of the resources provided by the Platform : technical support, data centre hosting and access to the user's panel ;
- that the aims and objectives of the experimentation, and the project leader's expectations in terms of feedback are clearly defined ;
- that the experimentation can begin by the end of 2011 or rely on short additional development time

4.3 SCHEDULE FOR THE FIRST CALL FOR PROJECTS

- Call for Experimentation launched Monday, 16th of May 2011 ;
- Submission of the Expressions of Interest until Friday, 15th of July 2011, 12:00 ;

- Submission of Applications until Friday, 28th of October 2011, 12:00 ;
- Selection of experimentation projects by the jury composed of Cap Digital representatives, French and foreign independent experts in November 2011 ;
- Use Agreement of the Open Platform for High Sped Broadband (charter) with the platform leader ;
- Beginning of experimentations, starting January 2012 (alpha-testing).

4.4 DOCUMENTS FOR THE CALL FOR PROJECTS

Call for Project documents (downloadable on <http://paris.opencities.net>) have been prepared in French and English :

- Experimentation project leader's Guide
- Expression of Interest form
- Project presentation document, to be completed by the project leader.

The three documents are included in the appendix.

4.5 COMMUNICATION FOR THE CALL FOR PROJECTS

The critical point for the call for projects will be the involvement of the Open Cities partners to spread the call for projects' information in their country. Discussion has been undertaken by Cap Digital with Open Cities partners in the different countries in order to evaluate their willingness to do so.

Cap Digital has been fostering the communication on the Call for projects by preparing communication tools and establishing a plan of communication. The main activities have been :

- Design of a communication leaflet to spread information on the call for projects at the international level. This document is included in the appendix
- Dissemination of the call to Cap Digital European partners from Open Cities but also other European project (Immediate, Wear a ban, REDICT), ENoLL association, the members of the EIT ICT Lab (KIC) and the European digital Think Tank <http://www.eudigitalthinktank.eu/>.
- Dissemination of the call to Cap Digital French partners : public institutions, chamber of commerce, main important associations of the digital sectors in France (FING, SNJV, Silicon Sentier, etc...)
- Discussion on the possibility to plan local public meetings to present the call and meet SMEs from the different cities with the support of partners in Amsterdam, Barcelona and Berlin in early July or early September

5. PAN EUROPEAN OBSERVATORY OF DIGITAL USAGES ON FTTH NETWORKS

5.1 INTRODUCTION

The Institut Telecom task is to build a Pan-European observatory of the digital usages on the FTTH networks using studies, monographs, comparative analyses of usages in industrial and institutional contexts of the four partner cities: Amsterdam, Berlin, Barcelona and Paris. These studies are led by the Institut Telecom.

The Institut Télécom proposal is to give a better and precise view of the process currently under construction, giving facts and numbers which are keys to the understanding of this structural mutation.

As a result the Pan-European observatory of the digital usages on the FTTH networks is build to help individuals, companies and institutions in their projection of what can be done with FTTH Networks and how it can be done.

This Observatory is set to analyze, compare and learn on the digital usages on the FTTH networks by sharing the Open Cities experience in this matter, for a mutual benefit.

5.2 PAN EUROPEAN OBSERVATORY STRUCTURE

The Pan European Observatory of digital usages on FTTH Networks will be held by the (French) WP5 website of the Open Cities project: <http://paris.opencities.net>

A dedicated section was created, including the 3 subsections structuring the observatory itself:

1) The FTTx Database

This section will use a graphical interface to navigate between the Cities of the Open Cities Project and get access to the information of reference about the current state of the art of FTTH deployment in the Open Cities.

2) FTTx Surveys

This section will host all the surveys on digital usages on FTTH networks. It will link to the surveys when they will be launched by the Institut Telecom and will publish their results once closed and analyzed by the researchers of the Institut Telecom. The Institut Telecom will also make available in this section any FTTH related studies driven by its researchers when the publication conditions allow it.

3) FTTx Glossary

This section will give to the visitors all the basic (mandatory often) information needed to understand the terminology in use when referring to Optical Fiber Networks deployment and digital usages.

5.3 SCHEDULE

The schedule for the Pan European observatory of digital usages on FTTH Networks will follow two different time frames, one for each major section structuring it: The FTTx Database and FTTx Surveys.

1) The FTTx Database

This section will be updated continuously based on the information available concerning the current state of deployment of FTTH networks in the cities of Amsterdam, Barcelona, Berlin and Paris.

The available data depends on information given from the parties responsible for the deployment of fiber networks, primarily (but not exclusively) the operators in each city deploying these networks and the national regulator in charge to coordinate the deployment. Consequently the database will be updated as the expected information will be made public.

Twice a year, every month of June and December (2011 and 2012), a global update of the database will be performed to reflect the most accurate view possible on this topic at that date, and give milestones of reference.

2) FTTx Surveys

Every year (2011 and 2012) from September to December, the Institut Telecom will launch a survey on digital usages on FTTH Networks in the four cities of the Open Cities Project,

The survey will be closed the 31th December.

The data collected through these dedicated surveys will be analyzed by the Institut Telecom researchers during the months of January 2012 and 2013.

The results are expected to be published on the French Open Cities Website, in the dedicated section, in the first days of February 2012 and 2013.

The publication of other studies on the digital usages on the FTTH networks led by the Institut Telecom researchers in recent (Plate-forme THD, greater Paris Region) or current projects involving them are not to be scheduled. They will be published as the conditions will allow their availability.

The studies on digital usages on FTTH Networks made during the "Plate-forme THD Cap Digital Paris Region" project (2300 FTTH connected households) are expected to be published in the Pan-European observatory of the digital usages on the FTTH networks (French website of the Open Cities project, <http://paris.opencities.net>), in the end of June 2011.

6. APPENDIXS

This section includes the following documents:

- Communication leaflet
- Experimentation project leader's Guide
- Expression of Interest form
- Project presentation document



APPLY NOW

<http://paris.opencities.net>

15th July 2011: Expression of interest deadline
 28th October 2011: Call for projects deadline

SERVICES OFFERED

- Technical prototyping, hosting and customized support Beta tests and real life experimentation.
- Virtual support mainly.

OPEN PLATFORM - PARTNERS

Cap Digital is the French business cluster for digital content and services in greater Paris Region (650 members, 9 communities). www.capdigital.com

The Institut Telecom is a public body that gathers engineering and management schools. www.instituTelecom.fr

Bearstech is an open software and hosting company based in Paris. www.bearstech.com

Tecdev is a consulting company that specialises in the formulation and coordination of technological projects. www.tecdev.fr



OPEN CITIES - PARTNERS

Atos Origin, Barcelona Activa, Bearstech, Berlin Senate, Cap Digital, City of Amsterdam, Dotopen, Dutch, Esade, Forum Virium, Fraunhofer, Institut Telecom, Provincia di Roma, Tempus 2, Universitat Pompeu Fabra, Waag Society



This Cap Digital activity is financed by:



Call for Projects 2011

Open Platform for High Speed Broadband Services

By OpenCities

Call for Experimentation Projects no. 1 - May 2011

Cap Digital cluster, Paris Region

Project Leader guide



cap-digital
Paris Region

Opening of the Call for Projects: **May 16th, 2011**

Deadline for submission : **October 28th, 2011 - 12:00**

Applications to be submitted at the following address : opencities@capdigital.com

Information on the Call for Projects : <http://paris.opencities.net>

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Objectives and resources of the Open Platform for High Speed Broadband Services

A support mechanism for companies to fine-tune their on-line and mobile services

Cap Digital Paris Region Business Cluster wishes to support businesses, working in the area of digital contents in Europe, fine-tune their innovative on-line and mobile services and digital contents.

For this reason, Cap Digital takes part in the Open Cities project, in the framework of the ICT Policy Support Program, on one of the final steps on the technological innovation chain, i.e. real-size experimentation before the commercial development of the project.

For companies working in the digital contents sector, the Open Cities experimentation platform for High Speed Broadband Services comes at a crucial stage in the development of innovative products and service. This experimentation phase in real-life usage conditions is placed between the industrial launching/commercial rollout stages and up-stream research and development phases.

Cap Digital and its partners in the Open Platform for High Speed Broadband Services are mobilising significant resources, including computer equipment and dedicated hosting space, as well as a 4-person team for the duration of the project, to foster and enhance experimentation projects led by companies.

Access to the Open Platform is free of charge for the selected companies.

Resources made available to companies on the Open Platform for High Speed Broadband Services

The Call for Experimentation Projects launched by Cap Digital Paris Region Business Cluster is opened to all Small and Medium Enterprises operating in the different sectors of digital contents and information technology encompassed by the business cluster: Culture, Press and Media, Digital Design, e-Learning and e-Training, Image, Sound and Interactivity (ISI), Knowledge Engineering, Video Games, Open Source Software, Collaborative Technology & Intelligence, Robotics and Communicating Objects, and Mobile Lifestyle & Services. Projects may include on-line and mobile services, video games, search engines, e-Learning, digital music, digital audio-visual contents and multimedia, 3D, etc. Other projects, in areas of work connected to those of the business cluster, could also be submitted even though the cluster does not explicitly cover them.

As the Open Cities Platform is designed for prototyping on-line and mobile services or digital contents, and test them under "real-life" conditions with "real" end-users over a 2 to 3 months period, innovative projects led by companies should be close to a commercial rollout stage.

Experimentation project leaders will have access to all the benefits and resources of the Open Cities Platform, in a 2-phase sequence:

Technical fine-tuning

If needed, installation of digital content and service prototypes on a managed data centre for a phase of alpha-testing, methodological and technical support to the company provided by Bearstech company engineers, on-line solutions specialist.

The objective is a technical fine-tuning of the experimentation project, before moving to the operational phase. Typically, load tests on degraded or optimized networks can be carried out.

Real-life experimentation

- 1) If needed, hosting of digital contents and services on the servers of a data centre managed by Bearstech.
- 2) Installation of services on an internet portal, <http://paris.opencities.net>, to :
 - allow internet users to access services and contents upon individual registration ;
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- 3) Access to a group of European beta-testers rewarded by incentives. Specific groups will be set up for each experimentation according to specific criteria defined by companies experimenting on-line and mobile contents and services in real-life usage conditions.

Partners in the Open Platform for High Speed Broadband Services

- Cap Digital Paris Region: Project leader
www.capdigital.com
- Institut Telecom : beta-testing and Pan-European Observatory of FTTx Networks Usages
www.institut-telecom.fr
- Bearstech : technical support and applications hosting
www.bearstech.com

Call for Experimentation Projects no. 1 - May - October 2011

Eligibility of experimentation projects

Within the Open Platform for High Speed Broadband Services, experimentation projects consist in on-line or mobile services or digital contents at a pre-competitive stage (close to industrial or commercial roll-out), going through the ultimate phase of research and development for fine-tuning.

They are innovative projects in terms of usages and/or technology with a European added-value.

These experimentation projects will aim at real-size testing of innovative technical solution prototypes, new models of on-line or mobile services, or new types of contents made possible by High Speed Broadband Networks, in order to assess induced usages, resolve technical problems, fine-tune user-friendliness or user interface, validate business models, etc.

Experimentation projects dealing with urban life and/or citizenship will be given special consideration : projects providing e-Services for urban dwellers, projects related to urban management, building in the city and the urban environment, projects addressing urban transport and mobility, projects supporting dissemination of open information on local-level community life, projects promoting collaborative databases...

Projects should be lead by a Small or Medium Enterprise (less than 2,000 employees). In principle, these should be single partner projects lead by one company, but they may be a collaborative working involving several partners.

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Experimentation projects will be initially selected by an international jury made of representatives of Cap Digital's governing body, experts from the various areas of work of the digital sector and Open Cities partners.

Expected features of submitted experimentation projects include:

- that they are in the final stretch of the research & development phase, technical adjustment of the interface and ergonomics of the service or product ;
- that they are at a pre-competitive stage and offer an economic model for the next phase of industrialization or commercial roll-out ;
- that they are within the company's development strategy ;
- that they demonstrate a real need for part of all of the resources provided by the Platform : technical support, data centre hosting and access to the user's panel ;
- that the aims and objectives of the experimentation, and the project leader's expectations in terms of feedback are clearly defined ;
- that the experimentation can begin by the end of 2011 or rely on short additional development time ;

Schedule of the Call for Projects

Call for Experimentation launched Monday, 16th of May 2011 ;

Submission of the Expression of Interest until Friday, 15th of July 2011, 12:00 ;

Submission of Applications until Friday, 28th of October 2011, 12:00 ;

Selection of experimentation projects by the jury composed of Cap Digital representatives, French and foreign independent experts in November 2011 ;

Use Agreement of the Open Platform for High Speed Broadband (charter) with the platform leader ;

Beginning of experimentations, starting January 2012 (alpha-testing).

Experimentations will have duration of approximately 6 to 9 months (including 2 to 3 months on-line of mobile experimentation with end-users). Model planning for and experimentation starting in January 2012:

- January to March 2012: fine-tuning (alpha-testing)
- April to June 2012: experimentation (beta-testing)
- June - July 2012: analysis of experimentation feedbacks

Experimentation projects and platform resources mobilized will be under the responsibility of the Open Platform for High Speed Broadband leader, through a coordination Committee of Open Cities' WP5 partners.

Information and contact details

Call for Projects documents (downloadable on <http://paris.opencities.net>) :

Experimentation project leader Guide

Expression of Interest form

Project presentation document, to be completed by the project leader.

Instructions for completing this document are included in each section as "hidden text", visible only on screen ; activate the "show hidden text" option in Microsoft Word.

This is a two-parts document: A - Project Leader presentation and B - Description of the proposed experimentation project on the Open Platform for High Speed Broadband Services.

The "Project presentation document" should be sent as a digital file (pdf only) at: **opencities@capdigital.com before Friday, 28th of October at noon.**

The "Project presentation document" will have been renamed to include the project name or submitting company name as ""OpenCities_AAP1_projectname.pdf" The first page with signature and stamp of the project leader should be scanned and submitted as well.

The following documents may be requested for selected projects :

- Articles of Association
- Balance sheets of the company for the passed three years (company tax return and schedules)
- Last two Auditor's report
- Photocopy of the company Manager's ID
- IBAN-type slip delivered by a banking institution.

Open Cities project description

Open Cities is a collaborative R&D project funded under the ICT Policy Support Programme. Its aim is to explore the possibility of integrating Open and User-driven Innovation methodologies in the public sector, with five main objectives:

1. Distil insights and best practices on how to apply Open Innovation in the Public Sector ;
2. Gain understanding on the management of Technological Platforms in an Open Innovation context ;
3. Validate the use of pan-European Platforms for Crowdsourcing, Open Data, FTTH networks and Open Sensor Networks ;
4. Trigger the development of Advanced Future Internet Services ;
5. Understanding how Living Labs could be effectively applied for promoting the adoption and co-creating of innovation in Smart Cities ;

The project brings together 15 institutions from 5 major European cities: Helsinki, Berlin, Amsterdam, Paris and Barcelona. Open Cities will achieve these objectives by leveraging pre-existing initiatives in the area of Crowd sourcing, Open Data, High-Speed Broadband Networks and Open Sensor Networks.

Five sub-project clusters were designed with a view to foster cross-fertilization:

- Urban Lab, Living Labs in Smart Cities and Open Sensor Networks in the city of Barcelona
- Crowdsourcing in Amsterdam
- Open Data in Berlin
- Open Platform for High-Speed Broadband Services in Paris Region

More information available at: www.opencities.net

Open Cities Partners

Esade, Institut Telecom, Fraunhofer, City of Amsterdam, Forum Virium, dotopen, Cap Digital, Bearstech, Waag Society, Universitat Pompeu Fabra, Dutch, Barcelona Activa, Berlin Senate, Tempos 21, Atos Origin

On the Open Cities Platform and the Call for Projects : <http://paris.opencities.fr>

Applications to be submitted at: opencities@capdigital.com

Jonathan Bartoli | jonathan.bartoli@capdigital.com

Nadia Echchihab | nadia.echchihab@capdigital.com

Information on Cap Digital Business Cluster

www.capdigital.com

Philippe Roy | philippe.roy@capdigital.com

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Call for Experimentation Projects no. 1

Expression of Interest

Version1 ENG_OpenCities_AAP1_EOIb.doc - 26/04/2011

Open Cities	Call for Experimentation Projects no. 1 - May 2011	
The filled document should be sent to the following address : opencities@capdigital.com as a pdf file only, before Friday, 15th of July 2011 Rename the file as "OpenCities_AAP1_MI_projectname.pdf" (replace projectname with the name of the project or the submitting company's name http://paris.opencities.net		
Project Title		
Project Leader	<i>For France, the project leader should be a member of Cap Digital Cluster, or have applied for membership</i>	<i>Legal form of the company : LLC, PLC...</i>
Area of work (3 lines maximum)		
Project summary (3 lines maximum)		
Contact person (in charge of the project)	Title :	Phone : Email :
Company contact details	Phone :	Home page :
Location	City :	Country :

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Open Cities | Call for Experimentation Projects no. 1 | Project presentation

Version 1 OpenCities_AAP1d.doc - 26/04/2011

Open Cities	Call for Experimentation Projects no. 1 - May 2011	
<p>The document should be sent to the following address: opencities@capdigital.com as a pdf file only, before Friday, 28th of October 2011.</p> <p>Rename the file as "OpenCities_AAP1_projectname.pdf" (replace projectname with the name of the project or the submitting company's name)</p> <p>Instructions for filling the different sections are inserted as "hidden text" in red colour (and are not printable) Activate the "show hidden text" option in Microsoft Word to see instructions (but don't print in the pdf document)</p> <p>Documents to be submitted in digital form are the following :</p> <p>Project presentation - Presentation of the project leader - Description of the proposed project and experimentation on the Open Platform for High Speed Broadband.</p> <p>The "Experimentation project leader's Guide" is available at: http://paris.opencities.net</p>		
Project Title		
Project Leader	<p><i>For France, the project leader should be a member of Cap Digital Cluster, or have applied for membership</i></p>	<p><i>Legal form of the company : LLC, PLC,...</i></p>
Partnership	<p>Single partner project : yes/no</p> <p>If not, list partners involved in the proposed project</p>	
Project summary (3 lines maxi)		
Experimentation budget	<p>Budget :</p> <p>€</p>	
Signature and stamp of the company's legal representative		<p>Submission date</p> <p><i>Include submission date</i></p>

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A. Project Leader presentation

- *In case of multiple partner project, this presentation section including all sub-sections should be completed by each partner in addition to the project leader*

Project leader identification form

- *Please provide information requested in the table below. Indicate total business turnover for 2010 and current number of employees*

Project Leader		Legal form of the company : LLC, PLC,...
Area of work (3 lines maxi)		
Contact person (in charge of the project)	Title :	Phone : Email :
Legal representative	Title :	Phone : Email :
Company contact details	Phone :	Home page :
Location	City :	Country :
Company Information	Company VAT Identification Number : Date of Incorporation :	Total turnover for 2010 (exclusive of taxes, in Euro) : Number of employees :

Activity

- *Detail the nature of the project leader's activity (creation, production, sale) and the milestones of the company's development*
- *Indicate as possible a breakdown of total turnover by product, clients and distribution networks, by geographic area (domestic/international)*
- **1 page maxi**

Strategy

- *Describe the project leader's competitive environment at the domestic and international level, and main competitors*
- *Describe the major mid-term objectives*
- **1/2 page maxi**

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Shareholding structure

- Describe the breakdown of the shareholding structure and recent changes
- If the applicant is part of a corporate group or holding of companies, attach an organisational chart (with shareholdings, staffing, total turnover of the companies in the group)
- **1/2 page maxi**

Human resources

- Provide information on the total staffing and breakdown (senior/middle management, commercial, production, R & D)
- **1/2 page maxi**

Technological resources

- Describe the main production facilities.
- Describe the main know-hows and technologies of the company ; industrial property rights involved (patent protections, trademarks, registered designs...) ; licenses and certifications obtained or applied for
- **1 page maxi**

Financial information

- List current financial and banking partnerships
- **1/2 page maxi**

B. Description of the experimentation on the Platform

State of the art and innovative nature of the company's proposed project

- Describe the state of the art in the project's area of work
- Provide a summary description of the project's purpose and argue on its innovative nature, technical innovation, service, usage, etc.
- **1 page maxi**

Industrial and Commercial challenges of the project

- Describe the perspectives at stake (for the project leader and each partner involved - if any) in terms of engineering or commercialization for the on-line services or digital contents included by the project
- Describe the origin of the project and explain how it is consistent with the company's development strategy
- Spell out the main competitive advantages that are foreseen (price, timing, quality, security, awareness and recognition...)
- Indicate the economic targets (turnover, profit, employment...)
- Identify key factors of success or failure
- **2 pages maxi**

Experimentation objectives

- Provide here a detailed description of the objectives of the proposed experimentation, for example the plans for technical fine-tuning (type of tests considered), user interface and ergonomics, feedback on usages, comparative between DSL and FTTx networks, etc.
- **1/2 page maxi**

Follow-up on experimentation and steps towards industrial phase

- Present available data on industrial or commercial follow-up to the project (internal and external studies carried out) and surveys conducted in the following areas: commercial (for example : identification of targeted needs/customers/markets, segments, access cost and conditions, distribution, product specifications, sales forecast, test markets, marketing plan); technical (example: function analysis, technical specifications of products and processes, pre-series, product/process qualification) ; legal (example : novelty search, norms and regulations assessment, formalisation of an industrial property protection strategy, patenting/trademarking process and design registration, partnership agreements) ; financial (example : budget forecasting, financial plan)
- **1/2 page maxi**

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Relation to R & D projects endorsed by Cap Digital (for French companies only)

- If applicable, explain the relation with exploratory R & D projects or pre-competitive projects underway endorsed by Cap Digital or other business clusters, funded through ANR projects, or previously supported by Oséo Innovation
- 1/2 page maxi

Functional and technical description of the experimentation on the platform

- Describe the functional, technical (computing, multimedia, network...) and content aspects of the proposed experimentation
- Aside from the computer servers provided on the platform, list any specific equipments involved at the company's end during experimentations, if any
- Describe the expected profile of beta-testers ;
- List specific equipments required by end-users, if any (example : webcam)
- Specify if the service will be free-of-charge or charged during the experimentation
- 3 pages maxi and if needed to describe the project: pictures, diagrams...

Implementation of the proposed experimentation and resources mobilised

- Provide a detailed description of human and technical resources mobilised during the experimentation project in the table below ; insert additional lines if needed
- Spell out the foreseen conditions of implementation of the experimentation
- 1/2 page maxi

Human resources		
Type of position / qualifications	Q	duration of work
		month
		month
		month
Technical resources		
Dedicated equipment for experimentation		
Contracts and out-sourcing		

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Phasing of implementation

- Describe here the major steps of preparation and implementation of the experimentation. Add as many lines as needed.
- If applicable, indicate the name of partner, supplier or contractor involved in each task and activity
- Insert under the Tasks table a forward schedule of the experimentation project
- Include mandatory deadlines and constraints in the schedule, if applicable
- **1 page maxi**

Tasks and Activities	Duration	Partner or Supplier (besides project leader)
	month	
	month	
	month	
	month	
	month	
	month	
	month	
	month	
	month	
	month	