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## D A0.5 – MUSE II Project Presentation

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Identifier:	Deliverable D A0.5
Class:	Report
Version:	1.0
Version Date:	30/06/2006
Distribution:	Public
Responsible Partner:	ALCB
Filename:	MUSE_DA0.5_v1.0.doc

## DOCUMENT INFORMATION

<i>Project ref. No.</i>	IST-6thFP-026442
<i>Project acronym</i>	MUSE
<i>Project full title</i>	Multi-Service Access Everywhere
<i>Security (distribution level)</i>	Public
<i>Contractual delivery date</i>	30/06/2006
<i>Actual delivery date</i>	30/06/2006
<i>Deliverable number</i>	D A0.5
<i>Deliverable name</i>	MUSE II Project Presentation
<i>Type</i>	Report
<i>Status &amp; version</i>	Version 1.0
<i>Number of pages</i>	9
<i>WP / TF contributing</i>	WP A.0
<i>WP / TF responsible</i>	Peter Vetter
<i>Main contributors</i>	ALCB
<i>Editor(s)</i>	Chris Hawinkel
<i>EU Project Officer</i>	Pertti Jauhiainen
<i>Keywords</i>	Presentations, MUSE public website, dissemination
<i>Abstract (for dissemination)</i>	<p>MUSE is a large integrated R&amp;D project on broadband access, partially funded by the European Commission.</p> <p>The present public presentation package of MUSE phase II contains material to advertise the project to the outside world via various channels: MUSE public website, press releases, project presentations. The project will also create visibility by participation to broadband Conferences, Workshops, participation to EU Concertation Meetings, publication of Public Deliverables, and display of lab trial setups in an exhibition of a conference.</p>

## DOCUMENT HISTORY

Version	Date	Comments and actions	Status
1.0	30/06/2006		Final

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## EXECUTIVE SUMMARY

MUSE is a large integrated R&D project on broadband access, partially funded by the European Commission.

The present public presentation package of MUSE phase II contains material to advertise the project to the outside world via various channels: MUSE public website, press releases, project presentations. The project will also create visibility by participation to broadband Conferences, Workshops, participation to EU Concertation Meetings, publication of Public Deliverables, and display of lab trial setups in an exhibition of a conference.

## 1 SCOPE AND CONTEXT

MUSE is a large integrated R&D project on broadband access.

Within the European 6th Framework Programme, MUSE contributes to the strategic objective "Broadband for All" of IST (Information Society Technologies) and it is partially funded by the European Commission.

The project has started on 01/01/2004, and consists of 2 phases :

Phase I : 2004-2005

Phase II : 2006-2007

The current phase of the project (Phase II) is registered under the Contract number IST 026442. (The Phase I Contract number is IST 507295.)

## 2 PROJECT OBJECTIVES

The overall objective of MUSE is the research and development of a future low-cost, full-service access and edge network, which enables the ubiquitous delivery of broadband services to every European citizen.

MUSE aims at a consensus view of the future access and edge network achieved by the co-operative research of almost all major players in Europe in the area of broadband access. The consortium consists of operators, system vendors, research institutes and universities.

The project addresses the network architecture, techno-economics, access nodes, solutions for the first mile, and interworking with the home network. Solutions will be evaluated in end-to-end lab trials and promoted in standardisation.

In phase II of MUSE, the multi-service access architecture defined in phase I is enhanced with multimedia service enablers and fixed mobile convergence capabilities. Novel architectural approaches like distributed nodes and node consolidation are investigated.

### 3 PARTICIPANTS

A Consortium of 30 Partners (25 organisations) is participating in MUSE II.

Most types of players in broadband research and in the broadband industry are represented in the MUSE Consortium : system vendors, telecom operators, small & medium enterprises, universities and research institutes.

**System vendors :**

- Alcatel
- Ericsson
- Lucent Technologies
- Siemens
- Thomson

**Telecom operators :**

- British Telecom
- France Telecom
- Portugal Telecom Inovação
- Netherlands Organisation for Applied Scientific Research – TNO
- Telefónica Investigación y Desarrollo
- TeliaSonera
- Telecom Italia
- Deutsche Telekom
- Telekomunikacja Polska

**Small & Medium Enterprises :**

- Fundación Robotiker

**Universities & Research Institutes :**

- Interdisciplinary Institute for Broadband Technology (IBBT)
- Institut National de Recherche en Informatique et Automatique (INRIA)
- Budapest University of Technology and Economics
- Institute of Communication and Computer Systems of the National Technical University of Athens (ICCS/NTUA)
- Lund University
- Acreo AB
- Universidad Carlos III de Madrid
- Fraunhofer Institute for Telecommunications/Heinrich-Hertz-Institut (HHI)
- Technische Universiteit Eindhoven
- University of Essex

## 4 VISIBILITY TO THE OUTSIDE WORLD

A continuous and systematic effort is done to communicate the objectives, the status and the results of MUSE to the outside world. Various complementary channels are used for this :

- MUSE public website
- Press releases
- Project presentations
- Participation and contribution to Workshops and Conferences by papers and possible displays in exhibition booth
- Participation to EU Concertation Meetings
- Publication of Project Deliverables
- Publication of a quarterly Newsletter

### 4.1 MUSE public website

The MUSE public website (<http://www.ist-muse.org>) is the main reference for all public information available about the project. Its content was update with MUSE phase II project information. The corresponding .EU domain name (<http://www.ist-muse.eu>) has been applied for.

It contains the following information :

- General project information (objectives, timing, budget, project organisation)
- Information about and co-ordinates of the Participants
- Key press releases and public presentations about the project
- MUSE contributions to Conferences and Workshops
- Links to relevant Standardisation bodies and to other, related Research projects
- Summary of the available public Deliverables
- News items about MUSE related events

### 4.2 Press releases

Via dedicated press releases issued by the MUSE partners, the outside world in general and the broadband community in particular, are informed about the objectives, the status and the results of the MUSE project. These press releases are published in various languages, and are available on the MUSE public website.

These primary press releases can then be used as a basis for further customised press releases, for specific markets or audiences.

### **4.3 Project presentations**

A general slide set is available on the background, the technical objectives and the project approach of MUSE phase II and a survey of results from phase I. It can be used for public presentations e.g. at various important broadband and networking Conferences, and is intended to increase the awareness about MUSE, and to stimulate the exchange of ideas with other Research projects and external partners.

The presentation is available on the MUSE public website.

Further public presentations at a general level or on specific topics will be added, as the project progresses and more results become available.

### **4.4 Participation and contribution to Workshops and Conferences**

The MUSE Consortium actively participates to various major broadband Workshops that take place in Europe, by the organisation of dedicated MUSE sessions and/or by active participation of MUSE experts to other sessions.

These Workshop participations are announced and documented on the MUSE public website.

The Consortium also actively contributes to numerous important Conferences on broadband access technology worldwide, not only by means of conference papers and presentations, but also by live broadband network demonstrations for an external audience.

### **4.5 Participation to EU Concertation Meetings**

Representatives of the MUSE Consortium actively participate to the regular Concertation Meetings organised by the European Commission. MUSE is especially interested to contribute to the BB for All Cluster. During these meetings information about the MUSE project is shared with other EU funded Research projects, and important information about objectives, status and results from other, related projects is obtained.

These activities may also result in the creation of synergies and alliances with other Research projects.

## 4.6 Publication of Project Deliverables

In line with the MUSE Contract, and with the achievements of Phase I, the second Phase of the project will also result in a large number of public Project Deliverables, that will describe in detail the outcome and the results of the Research and Technological Development activities performed during the project.

Abstracts of the Project Deliverables will be made available on the MUSE public website, and will be the reference for interested parties to request the full details of these Project Deliverables.

## 4.7 Quarterly Newsletter

A MUSE Newsletter is distributed quarterly to a broad audience inside and outside the project. It briefs the readers about the highlights and achievements of the Project, and about upcoming events. The current list of addressees contains 900 e-mails. Subscription is possible via the website.