



## DI2.1: Integration of RC, IC & AC cluster activities (M42)

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<b>ABSTRACT:</b>	This report is the deliverable DI2.1 due at M42 and provides the main elements of the Internal Integration activities of PROMISE.

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## 1 Purpose of this report

The purpose of this deliverable is to provide a report on the activities on the Internal Integration activities performed under TI2.1 of PROMISE. These activities have been already identified and described in the “Integration Policy Paper” of PROMISE delivered at M12 as part of the deliverables DI2.1 to DI2.4, as they were defined in the DoW for the period M1-M12.

## 2 Introduction

### 2.1 Objectives of WP I2

Objectives of the work in WP I2 is to harmonise the developments that are carried out in PROMISE and in the other external integrated projects and work together in the field of harmonisation of research efforts.

The following integration dimensions have been identified as follows, corresponding to related activities described in the new DoW for the period M13-M30:

- Internal, among the Research, Application, Innovation and Training activities of the project
- External, between PROMISE and identified external EU and non-EU funded projects with activities in areas covered by the PROMISE plans.
- IMS, among the PROMISE FP6 and the other regional projects of the PROMISE IMS program.

The following tasks (DoW M13-M30) have been defined to perform, manage and control the activities identified above:

– **Task TI2.1: Integration of RC, IC & AC cluster activities**

The goal is to guarantee that the progress of the work in research activities is harmonised with the progress of the work in that demonstration activities.

– **Task TI2.2: Integration with external projects**

The goal is to work together with identified PROMISE external projects and harmonise the efforts in the common objectives, mainly with regard to standardisation.

– **Task TI2.3: Integration in the IMS PROMISE project**

In this task, the coordination activities between the FP6 PROMISE activities and the IMS PROMISE project will be followed and managed. 9-monthly IMS PROMISE workshops will be organised, where all involved IMS regional projects will present their results, exchange experiences, and harmonise plans, particularly in the domain of standardisation.

## **2.2 Relevance to the PROMISE “Integration Policy Paper”**

In the PROMISE Integration Policy Paper delivered at M12, five integration directions have been identified and associated Policies developed by replying to three fundamental questions:

- “**WHY**” we develop this policy?
- “**WHAT**” is covered in this policy?
- “**HOW**” are we going to implement this policy ?

The present report reflects activities along the following Integration Dimension #1: Internal within PROMISE.

### **2.2.1 Dimension 1: Internal within PROMISE**

#### **2.2.1.1 Why we want this integration?**

**2.2.1.1.1 Because we want to guarantee the harmonization among Research, Application, Innovation and Training activities of the project.**

**2.2.1.1.2 Because we want that relevant activities of the workplan are executed timely with respect to various dependencies.**

#### **2.2.1.2 What are our objectives in this direction?**

**2.2.1.2.1 To create a motivating environment for the exchanges among partners.**

**2.2.1.2.2 To guarantee a high level of collaboration among the partners.**

**2.2.1.2.3 To control the use of compatible methods and tools between involved activities.**

#### **2.2.1.3 How to achieve the above objectives?**

**2.2.1.3.1 Deliver short 3M and 6M progress reports at WP and Cluster level (templates presented in Appendix).**

**2.2.1.3.2 Aggregation of the above reports and synthetic reporting at the PMB.**

**2.2.1.3.3 Appropriate corrective actions to be decided at PMB level.**

The present deliverable DI2.1 reports on activities performed during the last period until M42 under above TI2.1 in our effort to fulfil the objectives described in 2.2.1.2 above.

### **3 Activities of TI2.1**

The goal is to guarantee that the progress of the work in research activities is harmonised with the progress of the work in that demonstration activities.

An additional activity of this task is the production of the new versions of the live deliverable DR1.1 “PROMISE system requirements, specifications & system architecture”. The first version of this deliverable after the initial one was delivered at M12. It is planned to review DR1.1 every six months and deliver a new version if appropriate.

Activities in this task include:

- With experience gained through the progress of the work in the project and the level of communication achieved among the Research, Application and Innovation Managers, the preparation of short 3M and 6M WP technical progress reports was not any more necessary. Reporting during the regular PMB meeting was sufficient and adequate for the purpose of the activities in this WP.
- Internal Integration is in the agenda of all regular PMB phone meetings.
- Technical developments are regularly checked against the cross reference tables of UR and models produced in WP R2 and appropriate updates of UR and models are produced.
- Activities of WP A0 and WP I1 (standards) are followed in the perspective of their contribution to overall integration in PROMISE.
- As PROMISE achievements mature with the associated developments, activities under WP R12 Architecture are also integrating elements of PROMISE results and associated concepts.

### **4 Instruments used in TI2.1 and results at M42**

Instruments used in performing and monitoring & controlling internal integration in PROMISE, include the following actions:

#### **4.1 Peer review of all technical PROMISE deliverables.**

This instrument is reported in detail in previous versions of this deliverable.

#### **4.2 Following up the A0, R12 and I1 integration activities**

In addition to the importance of A0 and I1 activities, the R12 ones have been now added as elements of integrating work in PROMISE. The QIM follows these activities with the intention to reflect conclusions in models developed in WP R2 and associated developments in the application WP Ax.

#### **4.3 Following up A9 and A10 development activities**

As recognized and agreed in the last review meeting of beginning November 2007 in Milan, particular attention is paid to A9 and A10 activities as well as to A2 and A4 activities to be demonstrated in the final review in Athens. This is done in coordination with A0 “Technology Provider” partners.

#### **4.4 Following up the I3 evaluation & assessment activities**

The purpose of this activity is to check that feedback from performed evaluation & assessment activities is used in updating UR in DR1.1 as well as in modeling activities in WP R2.

#### **4.5 Updating User Requirements (live deliverable DR1.1); linking to modeling activities of WP R2**

DR1.1 is considered as a live documents and a new version is delivered every 6 months. At M42, there is an updated version of DR1.1 with feedback from the final implementations in WP Ax and other associated developments.

#### **4.6 Direct communication and conflict resolution**

During the actual reporting period there was no major issue that required the implication of the QIM or the PMB to be solved.

### **5 Conclusions on Internal Integration in PROMISE at M42: achievements and lessons learned.**

Overall work in PROMISE at M42 is performed according to the plans and results in research and application activities are following the A0 roadmap. Particular attention is paid to developments of A9 and A10 that showed some difficulties in the last period and to developments of A2 and A4 that will be demonstrated in the final review in Athens.

Some technical difficulties did not allow achieving a high level of integration in all Ax demonstrators. However, as for the date of 14 May 2008, this is implemented for three of them (A2, A4 and A9) that will be demonstrated in Athens. A3 and A8 show also a high level of integration for the PROMISE components used in their case. These results cover our objective to achieve complete integration for two out of the ten PROMISE demonstrators.

Innovation activities in terms of Exploitation and Marketing seem to step in a parallel with already visible results. These results are reported in other relevant deliverables.

In terms of internal integration and its control, monitoring and overall management, we confirmed that direct communication is a more efficient instrument than formal reporting.