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### **Management Summary**

This document provides an overview of the of the S-Cube Web portal at Month 24 of the Network of Excellence.

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### **Members of the S-Cube consortium:**

University of Duisburg-Essen (Coordinator)	Germany
Tilburg University	Netherlands
City University London	U.K.
Consiglio Nazionale delle Ricerche	Italy
Center for Scientific and Technological Research	Italy
The French National Institute for Research in Computer Science and Control	France
Lero - The Irish Software Engineering Research Centre	Ireland
Politecnico di Milano	Italy
MTA SZTAKI – Computer and Automation Research Institute	Hungary
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Universidad Politécnica de Madrid	Spain
University of Stuttgart	Germany
University of Hamburg	Germany
Vrije Universiteit Amsterdam	Netherlands

### **Published S-Cube documents**

All public S-Cube deliverables are available from the S-Cube Web Portal at the following URL:

<http://www.s-cube-network.eu/results/deliverables/>

## The S-Cube Deliverable Series

### Vision and Objectives of S-Cube

The Software Services and Systems Network (S-Cube) will establish a unified, multidisciplinary, vibrant research community which will enable Europe to lead the software-services revolution, helping shape the software-service based Internet which is the backbone of our future interactive society.

By integrating diverse research communities, S-Cube intends to achieve world-wide scientific excellence in a field that is critical for European competitiveness. S-Cube will accomplish its aims by meeting the following objectives:

- Re-aligning, re-shaping and integrating research agendas of key European players from diverse research areas and by synthesizing and integrating diversified knowledge, thereby establishing a long-lasting foundation for steering research and for achieving innovation at the highest level.
- Inaugurating a Europe-wide common program of education and training for researchers and industry thereby creating a common culture that will have a profound impact on the future of the field.
- Establishing a pro-active mobility plan to enable cross-fertilisation and thereby fostering the integration of research communities and the establishment of a common software services research culture.
- Establishing trust relationships with industry via European Technology Platforms (specifically NESSI) to achieve a catalytic effect in shaping European research, strengthening industrial competitiveness and addressing main societal challenges.
- Defining a broader research vision and perspective that will shape the software-service based Internet of the future and will accelerate economic growth and improve the living conditions of European citizens.

S-Cube will produce an integrated research community of international reputation and acclaim that will help define the future shape of the field of software services which is of critical for European competitiveness. S-Cube will provide service engineering methodologies which facilitate the development, deployment and adjustment of sophisticated hybrid service-based systems that cannot be addressed with today's limited software engineering approaches. S-Cube will further introduce an advanced training program for researchers and practitioners. Finally, S-Cube intends to bring strategic added value to European industry by using industry best-practice models and by implementing research results into pilot business cases and prototype systems.

S-Cube materials are available from URL: <http://www.s-cube-network.eu/>

# 1 Overview of the S-Cube Web Portal

The S-Cube Web Portal is one of the key means for dissemination in S-Cube. The portal is accessible at the following URL: <http://www.s-cube-network.eu/>.

The portal is a web site that publishes the results produced by the S-Cube members, provides access to news and events about the network and provides further information about the S-Cube consortium as well as the activities jointly carried out in the network. In addition to the public pages of the Portal, the S-Cube Web Portal provides a restricted working area, which is only accessible to the S-Cube researchers.

The figure below shows the home page of the S-Cube Web Portal as of Month 24 of the Network of Excellence. The key features presented to the visitors of the portal are highlighted.

The screenshot shows the S-Cube Web Portal home page. The main content area features a central article titled "Software Services and Systems Network" by Andreas Metzger, dated March 04, 2010. The article discusses the establishment of a European Network of Excellence in Software Services and Systems, aiming to create a multidisciplinary research community. It lists major research objectives, such as Europe leading the software services revolution and acting as an incubator for service technologies. It also outlines major integration objectives, including establishing a unified multidisciplinary community and inaugurating a comprehensive education and training programme. A map of Europe highlights member countries in purple. The page is surrounded by various sidebars: "Upcoming Events" (including PESOS workshops and an international workshop on business system management), "S-Cube Knowledge Model", "S-Cube News" (with recent presentations and sessions), and "Selected Deliverables" (including a survey of quality and a report on knowledge principles). The top navigation bar includes links for Home, Working Area, Users, News, Events, Blog, About, Consortium, Collaboration, Results, and Knowledge Model. A search bar and a "Live Search" button are also present. Callouts point to various features: "Tabbed Navigation" (top menu), "Live Search" (search bar), "Blog" (top navigation), "Highlights" (article text), "Central Entry Point to KM" (Knowledge Model sidebar), "Main Contents Area" (central article), "S-Cube News" (news sidebar), "Selected Results" (deliverables sidebar), and "S-Cube Calendar" (events sidebar).

Figure 1: Screenshot of the S-Cube Web Portal (Month 24)

## 2 S-Cube Web Portal Users

In general, the S-Cube Web Portal supports three types of users, or levels of access:

- **Anonymous users:** have access only to the public pages of the portal
- **Registered users:** have access to all public areas and are also granted access to additional contents: e.g., course modules and newsletter
- **Members,** i.e., people working in the teams of the beneficiaries and associate partners, have the same access as registered users and are also granted access to the private working area.

The following table shows the key performance indicators of the S-Cube web portal:

<b>Date</b>	<b>01-03-2008 - 28-02-2009</b>	<b>01-03-2009 - 28-02-2010</b>	<b>Year-on-Year</b>
Visits	11,324	39,168	+345.88%
Page Views	76,784	156,787	+204.19%
Unique Visitors	5,962	23,022	+386.14%
Page Rank	6 out of 10	7 out of 10	+1
Registered Users	78	259	+332.05%

### 3 Update of S-Cube Web Portal

The overall structure of the S-Cube Web-Portal has been created and updated as follows (the items of the column "Portal Area" mostly equates to the Tabbed Navigation items of the web portal navigation):

Portal Area	Up to Month 24	After Month 24
Home	RSS Feeds added  Factsheet updated	Continuous update  Alignment of layout and content of web portal to target audiences  Presenting an initial visitor with an overview of the project that will make sense to a "technically literate" party
News	Updated regularly (e.g. reports from workshops, conferences and S-Cube events)  Publication of Newsletter	Continuous update
Events	Updated regularly (e.g., announcement of S-Cube and related events)	Continuous update
About S-Cube	Update of contents to reflect the closing of the EDSL  Target audience scoped and related to relevant content	Update planned and addition of:  'About Software Services' – a description of services for the layperson, including description of a scenario
Virtual Campus	Interlink with S-Cube virtual campus (including education and training events, material)	
Collaborations	Ongoing collaborations with ICT and other projects, as well as external parties (including collaboration opportunities)	
Consortium	Update: Partners Link to portal  Adding Associate Members	Continuous update
Results	Update: Deliverables and Publications	Continuous update

<b>Portal Area</b>	<b>Up to Month 24</b>	<b>After Month 24</b>
Knowledge Model	Update of KM	Continuous update
Further contents	<p>Blog added</p> <p>Social bookmarking added (will be activated in April)</p> <p>Syndication with other portals (via RSS feeds), specifically SSAIE portal</p>	<p>Planned, addition of:</p> <p>Information and archive of publicity material (“press room”)</p> <p>Add information to the webportal to make the portal to a one-stop-shop (e.g. List of relevant websites, software tools, registries of software services)</p> <p>Integration of entry points for target audience planned</p>
'Industry Outreach'	Results of the Industry questionnaire is available online (in S-Cube Workspace)	Dedicated web pages for industry collaboration planned
Working Area	update	Continuous update