D01 - METOKIS Web site
http://metokis.salzburgresearch.at

<table>
<thead>
<tr>
<th>Task Number - Name</th>
<th>Task 7.1 Networking / Transfer</th>
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<tr>
<td>Issuing Date</td>
<td>31/01/2004</td>
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<tr>
<td>Distribution</td>
<td>Project officer, Metokis Consortium</td>
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<tr>
<td>Document Web Link</td>
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<tr>
<td>File name</td>
<td>metokis_final_d01_website_v21.doc</td>
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<tr>
<td>Author/Editor</td>
<td>Andreas Gruber, Wernher Behrendt, SRFG</td>
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<td>QA Mentor</td>
<td>Hans Ladanyi, YMEGA</td>
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**Change History**

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<th>Version</th>
<th>Status</th>
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<td>Signed off for delivery to project officer by SRFG, Wernher Behrendt</td>
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<tr>
<td>2.0</td>
<td>draft</td>
<td>Draft version ready for quality check by YMEGA, Hans Ladanyi</td>
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<td>1.0</td>
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<td>Initial version by SRFG, Andreas Gruber</td>
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1 Objectives

The METOKIS web site aims at providing project overviews and highlights, up to date information on intermediate and final project reports, a download area for all public deliverables and papers written in the course of the project. The workshops conducted by the project will be announced and presented on the web site.

The METOKIS web site will also support the networking and transfer with the FP6 research community as well as the academic and commercial dissemination by providing links to other projects and products and allowing interested persons to obtain information about the projects results and highlights.

The members area is linked to a groupware platform which will provide the partners with different communication and information management tools (forums, upload area, calendars).
2 Design and Functionality

2.1 Overall Design

Smart exchange of knowledge objects

For content to become valuable in the knowledge economy, its relationship with knowledge workers' tasks needs to be explored. The primary scientific objective of the METOKIS project is therefore, to make a substantial contribution to the development of self-describing knowledge and content structures, by clarifying the relationships between content and the knowledge that may be encoded in the content.

METOKIS will

- create a prototype "knowledge content carrier architecture" which builds upon existing standards as well as prototype knowledge content models developed for semantic annotation of multimedia assets and for trading of knowledge units, respectively.
- create applications that test and validate the knowledge content carrier architecture by putting it into action. The following real-world applications - each with differing knowledge content requirements - will be built:
  - a decision support system for senior executives;
  - an educational on-line learning system;
  - definition and evaluation of treatment protocols for clinical trials.

Through research targeted at a semantic interoperability layer, METOKIS will lay a foundation for future tools needed by knowledge workers whose tasks will increasingly be based around the use of multimedia content.

2.2 Start page

The start-page includes the vision of the project and relevant new items, to be found on the site.

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2.3 Research

The research area will cover the research challenges of the project, the milestones and the objectives.

Research towards a competitive European Knowledge Economy

METOKIS brings together academics, technologists and users with profound experience in knowledge management, content engineering and associated requirements engineering. On the basis of previous research by partners in these areas, METOKIS will make three specific strategic contributions towards a competitive European knowledge economy:

• Fuller understanding of "kinds of knowledge" in terms of their level of formality, their representational metaphors, and with respect to the problems or issues involved in providing IT support for their creation, maintenance and exchange.

• Better understanding of the usage of knowledge in operational settings so as to describe knowledge-intensive tasks that may profit from IT support. This will lead to a "knowledge service methodology" for creating different kinds of knowledge in professional environments, and for structuring those environments to best support the needs of the knowledge worker.

• A clearer understanding of the relationship between "content" and "knowledge" when used in information systems. Such understanding is needed to standardise the "carrier platforms" of knowledge assets.

Basic Information about the Metokis project
Submitted and accepted under strategic objective: IST-2002-2.3.1.7. Semantic-based Knowledge Systems
Planned efforts: 360 person months
Planned budget: EUR 3,705,297.-
EC funding: EUR 1,700,00.-
Additional funding: Swiss Federal Government

Research Objectives
METOKIS addresses several major objectives stated in the call Semantic-based Knowledge Systems.

• By providing the deep understanding of "knowledge types" and the understanding needed to develop standardised knowledge carriers, METOKIS will greatly accelerate the progress of those projects working in these areas.

• Through defining a knowledge architecture, which integrates current advances in semantic content, through indicating how best to standardise knowledge "carrier platforms" and through ensuring that benefiting the user remains central to these models, METOKIS aims to show how best to improve the efficiency of knowledge workers.

• METOKIS will provide valuable input to the Semantic based knowledge systems call at three levels: foundational research, component level research and system-level integration.

Research Milestones
• March 2004: Initial Public Project Presentation
• June 2004: Report on "Task Taxonomies for Knowledge Content"
• June 2004: Report on "Knowledge Services Methodology"
• July 2004: Report on "Economic Framework for Incentives in the Knowledge Industry"
• September 2004: Workshop "Knowledge and Content Technologies"
• January 2005: Software prototype "Knowledge Content Carrier Architecture"
• May 2005: Workshop "Industrial Applications And Commercial Take-Up"
• September 2005: Workshop "Pervasive Smart Content Technologies"
• October 2005: Final Report and Software Showcases
2.4 Results

This section will include a download area of all public deliverables and papers conducted in the context of the project. Workshops that have been carried out of the project will be announced within this area.

Results
First project results are expected in July 2004.
Presentations of initial designs may become available in Spring of 2004.

2.5 Related Sources

This area is reserved for information resources like important URLs as well as the areas, where other EC projects in the same cluster will be referenced.

Related Information Sources

Conferences & Workshops
ESWS http://esws.semanticweb.org
European Semantic Web Symposium

General Information
FP6 http://fp6.cordis.lu/fp6/
Official website of EC to facilitate the exchange of information between the various players active in the fields of R&D and technological innovation.

IST http://www.cordis.lu/ist/
The Community support for IST in FP6 will help mobilise the industrial and research community around high-risk long term goals. It should facilitate the aggregation of public and private research efforts on a European scale and enable the development of a European Research Area (ERA) in IST.

KMCC http://www.cordis.lu/ist/directorate_e/kmcc.htm
The Knowledge Management and Content Creation unit is charged with the development of semantic-based and context-aware technologies that will provide automated solutions for knowledge representation, acquisition and management.

Related Research Projects
SEKT http://sekt.semanticweb.org
Semantically-Enabled Knowledge Technologies

DIP http://dip.semanticweb.org
Data, Information and Process Integration with Semantic Web Services

aceMedia http://www.acemedia.org
Integrating knowledge, semantics and content for user-centred intelligent media services

Knowledge Web http://knowledgeweb.semanticweb.org/

2.6 Participants

This area includes the logo and the link to the consortium as well as general presentations from the partners.

Participants
The consortium consists of companies from different professional backgrounds and sizes including SMEs.
Salzburg Research Forschungsgesellschaft mbH (A, Co-ordinator)
Knowledge View Ltd (UK)
Empolis GmbH (D)
2.7 Contact

This section will support mails to the co-ordinator as well as the storage and management of inquiries.

2.8 Members Login - restricted working area for project partners

2.9 Further Work

The website will be reviewed and updated once a month to reflect new developments (e.g. public deliverables, links to other organisations, events, etc.)

The website will also host the websites for the planned workshops.