MATURE – Continuous Social Learning in Knowledge Networks
Large-scale Integrating Project (IP)

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Project Facts
Budget: 9.1 million €
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MATURE has a growing network of associate partners from industry and academia. If you are interested in joining, just visit the web site or contact us directly.

More information under
http://mature-ip.eu

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MATURE is an interdisciplinary project aiming at understanding knowledge maturing activities in a social context within and across companies and providing supporting tools that help to overcome barriers in maturing processes.

Motivation

MATURE builds on the lessons of the failures of organisation-driven approaches to technology-enhanced learning and the success of community-driven approaches in the spirit of Web 2.0. MATURE leverages the intrinsic motivation of employees to engage in collaborative learning activities, and aims at combining it with a new technology-enhanced form of organisational guidance. To that end, MATURE understands individual learning processes to be interlinked (the output of a learning process is input to others) in a knowledge maturing process in which knowledge changes in nature. This knowledge can take the form of classical (learning) content in varying degrees of maturity, but also involves knowledge about tasks and processes or semantic structures (including competence models). This forms the basis for three stands of maturing research: content, process, and ontology maturing.

Objectives

MATURE has four interlinked focus areas:

- an analysis of real-world maturing practices, resulting in a sound, general conceptual model of the knowledge maturing process and ways to overcome relevant barriers, including motivational and social ones
- a Personal Learning & Maturing Environment (PLME), embedded into the work environment, enabling and encouraging knowledge workers to engage in maturing activities within communities and beyond
- an Organisational Learning & Maturing Environment (OLME), permitting the organisation to analyze and to take up community activities, to reseed innovation processes and to apply guiding strategies in order to fulfil the role of leadership in organisation-wide development of competencies
- reusable Maturing Services for seeding and reseeding, and creating awareness individual and community activities relevant to maturing processes

PLME consists of loosely coupled tools blending working, learning and collaboration processes

Individual knowledge workers use their PLME to engage in communities and to collaborate within their daily work processes to create more mature knowledge assets.

Organizational representatives use the OLME to guide maturing activities towards organizational goals.

PLMEs use existing tools and systems as well as maturing services

Maturing Services

reusable services that provide the basic functionality for PLME and OLME

Knowledge Bus Infrastructure

Existing Enterprise System

Existing Enterprise System

Existing Enterprise System

Existing Enterprise System

Existing Enterprise System