



# TEN Competence

Building The European Network for Lifelong Competence Development

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## The European Network for Lifelong Competence Development

# Main problem

- The knowledge society demands continuous competence development and management at the individual-, group- and organizational level
- Competence development and management for individuals, groups and organizations are distinct fields with their own approaches and tooling
- Integrated support for informal and formal learning is missing

# Goal

## TENCompetence will support:

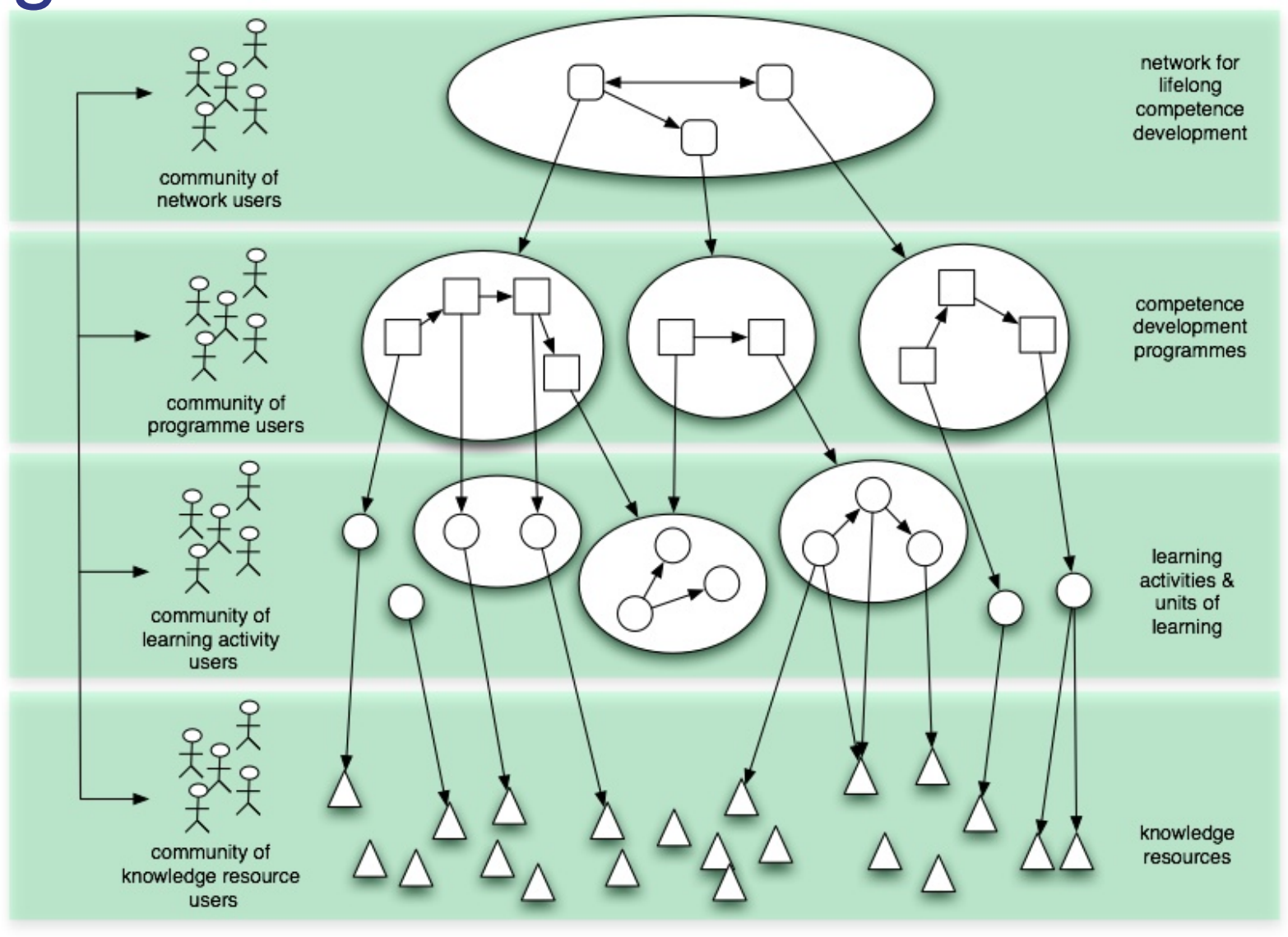
- Networks of individuals
- Networks of groups
- Networks of organisations
- in Europe in lifelong competence development
- by establishing the most appropriate technical and organisational infrastructure, using open source standards-based, sustainable and innovative technology



# Integration of...

- Knowledge Resource Sharing & Management
- Learning Activities & Units of Learning
- Competence Development Programmes
- Networks for Lifelong Competence Development

# Integration Levels



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# Why then TenCompetence?

## The Seven Reasons

1. Need for new pedagogical and organisational models of learning that fulfil the potential of the latest technologies.
2. The need for individuals and organisation in Europe to have access to information detailing all formal and informal learning opportunities.
3. Pro-active sharing of knowledge and learning resources is a major problem
4. The need for a system to help European organisations to effectively assess the competences and skill sets of job applicants as well as current employees who may need to undergo training.

# Why then TenCompetence?

## The Seven Reasons (continued)

5. Current e-learning and knowledge management environments provide too little effective support to the users in their various tasks.
6. Centralized models for the management of a network do not work in Europe
7. There has been little unifying work which integrates models and tools for competence development during learning and working and across a lifetime.



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## 7 Core Requirements (solve problems:)

1. Implement New Pedagogical & Organisational Models for Lifelong Compt Development
2. Support the Discovery of Best Solutions
3. Stimulate Pro-active Sharing of resources
4. Support Competence Assessment
5. Provide Effective & Efficient User Support
6. Provide Decentralized, Self-org. Management
7. Integrate Isolated Models & Tools from four 'worlds': knowledge sharing (WP5); learning activities (WP6); programmes (WP7); learning networks (WP8)

## Non-functional Requirements:

1. Open Source Only (OSI)
2. Use of Open Standards
3. Service Oriented Architecture
4. Extensible
5. OSS services can be replaced by commercial services

## TENC-Infrastructure

- technical (= the system)
- organisational (= methods, manuals, workflow, paid services, etc.)

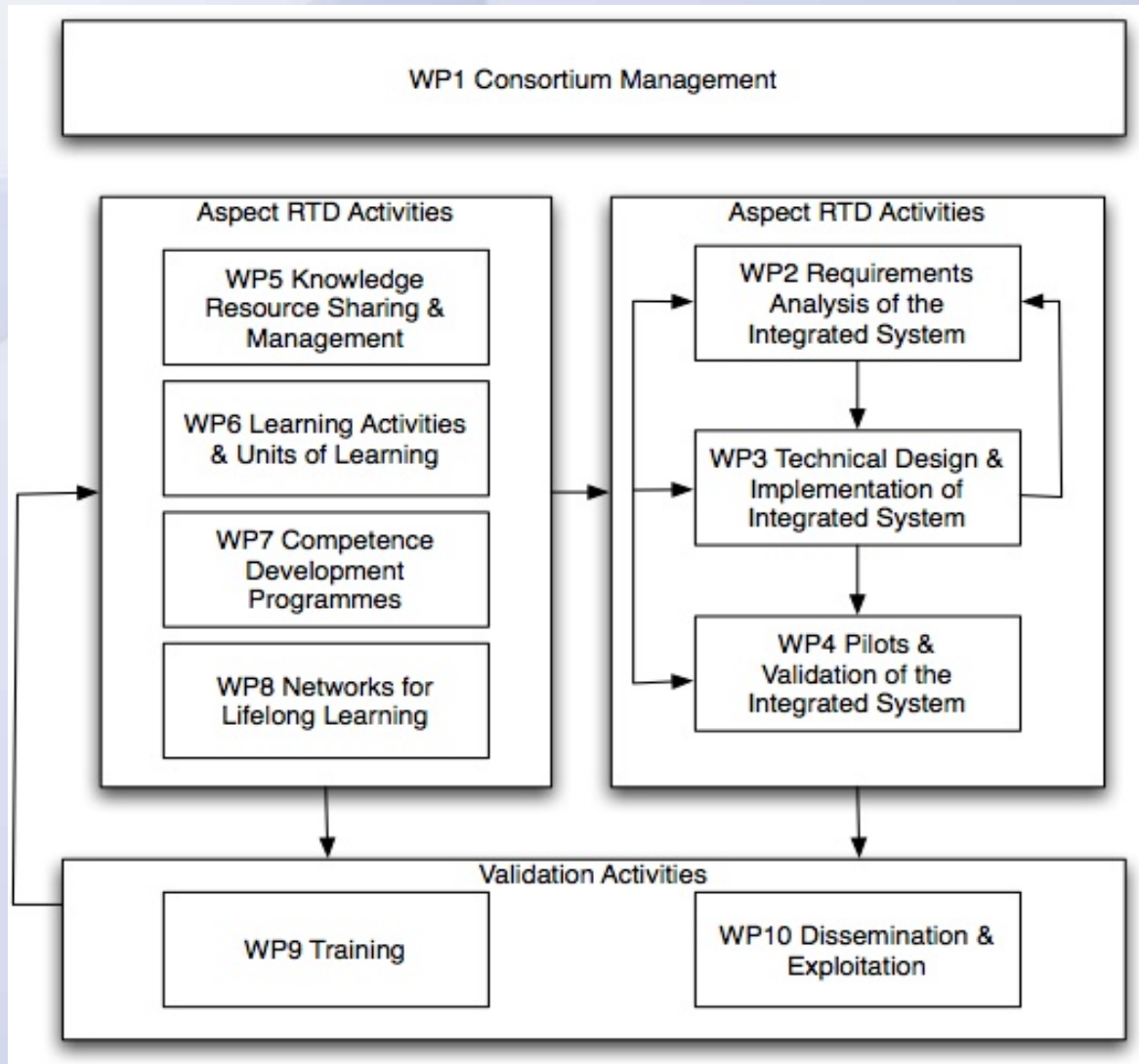
## Organised Pilots in Project Plan:

1. Digital Cinema (first 18 month)
2. Health Care (after 18 month)
3. Indonesia Water Mng (after 18 month)
4. Antwerp Lifelong Learning City (after 18 month)

## Additional Pilots:

1. Small pilots by Partners
  2. Pilots by Ass. Partners
  3. Pilots by others
- At any time!

# Workplan Structure



# Infrastructure

- Open Source and Open Standards when possible
- Integration into a Service Oriented Architecture
- OSS services can be replaced by commercial services
- Self-sustainable after the project period as long as there are users
- Network of (associated) partners to provide commercial and non-commercial services using the infrastructure

# Some figures

December 2005-November 2009, 14m euro

13 partners from 9 different countries

- Open Universiteit Nederland (project leader)
- Software de Base
- LogicaCMG
- Universitat Pompeu Fabra
- GIUNTI
- CERTH
- Universitat Hannover
- INSEAD
- University of Bolton
- Universiteit van Amsterdam
- Sofia University
- Stichting SURF
- Synergetics

[www.tencompetence.org](http://www.tencompetence.org)



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