

# TEN Competence

Building The European Network for Lifelong Competence Development

# TENCompetence

The European Network for lifelong  
competence development

Jocelyn Manderveld

SURF



**TEN** Competence

Building The European Network for Lifelong Competence Development

# Central 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



**TEN** Competence

Building The European Network for Lifelong Competence Development

# Goal

TENCompetence will support networks of individuals, groups and 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



**TEN** Competence

Building The European Network for Lifelong Competence Development

# Aspects to be integrated

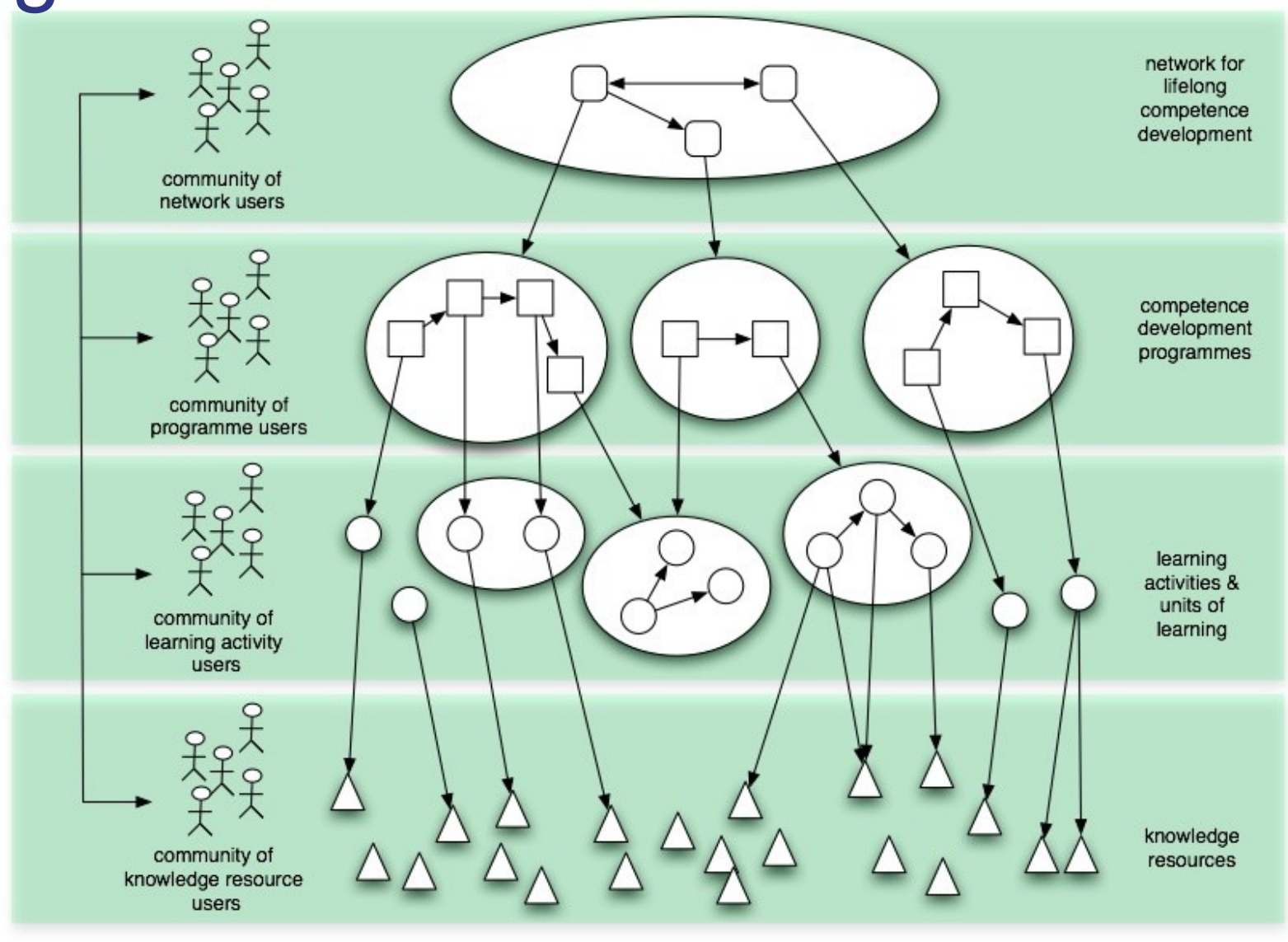
- Knowledge Resource Sharing & Management
- Learning Activities & Units of Learning
- Competence Development Programmes
- Networks for Lifelong Competence Development



**TEN** Competence

Building The European Network for Lifelong Competence Development

# Integration Levels



**TEN Competence**

Building The European Network for Lifelong Competence Development

# Use cases

- I want to keep up to date within my existing function or job.
- I want to study for a new function or job or improve my current job level.
- I want to reflect on my current competences to look which functions or jobs are within my reach or help me define new learning goals
- I want to improve my proficiency level of a specific competence
- Want some support on a non trivial learning problem
- Want to explore the possibility in a new field (learning network) to help define new learning goals



## 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:

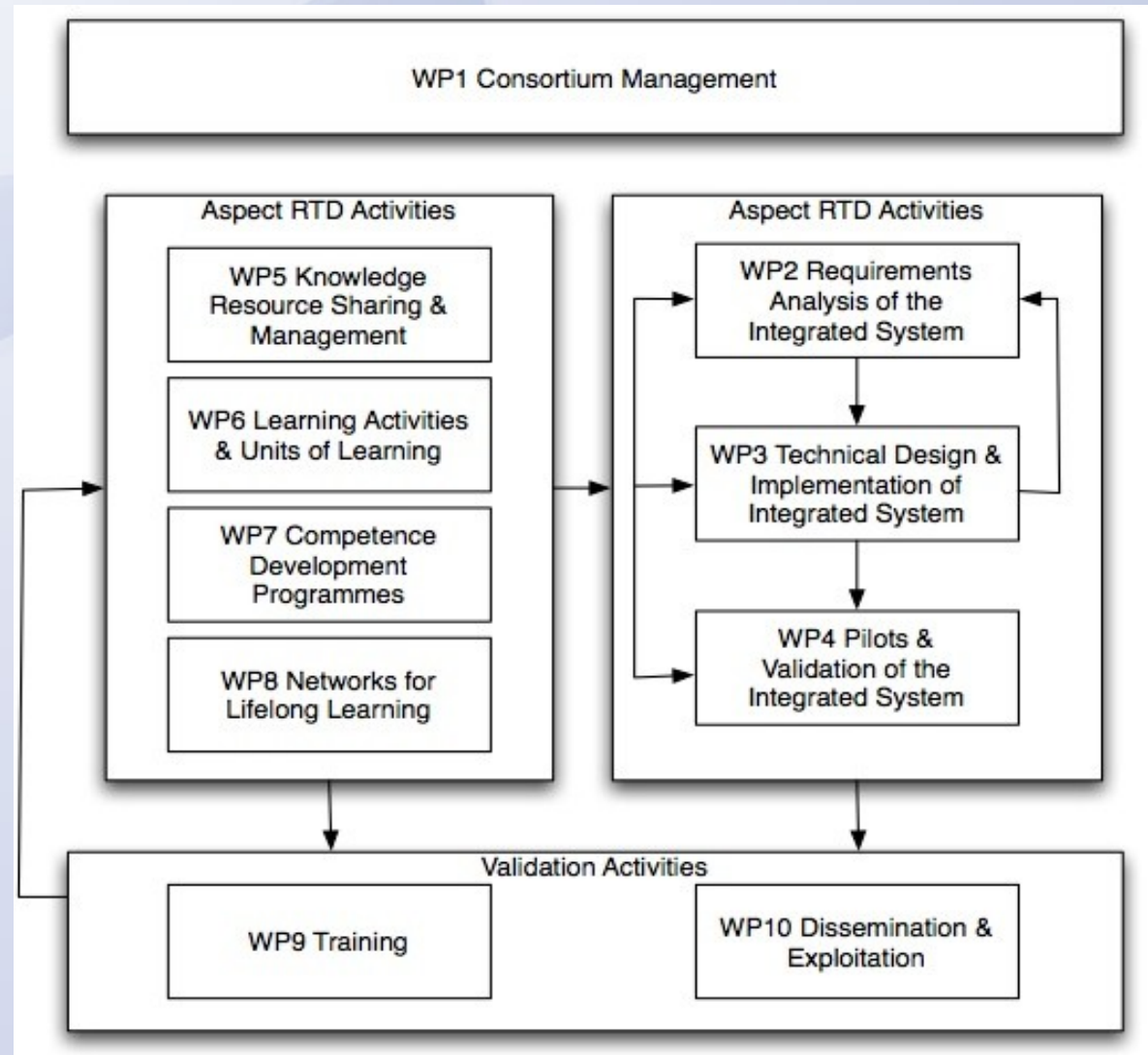
1. Digital Cinema (first 18 month)
2. Health Care (after 18 month)
3. Indonesia Water Mng (after 18 month)
4. Antwerp Lifelong Learning City (after 18 month)

## Additional Pilots:

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



# Workplan Structure



**TEN Competence**

Building The European Network for Lifelong Competence Development

# Project statistics

- December 2005-November 2009, 14m euro total, 8,5m euro subsidy
- 13 partners from 9 different countries

Open Universiteit Nederland

Software de Base

LogicaCMG

Universitat Pompeu Fabra

GIUNTI

CERTH

Universitat Hannover

INSEAD

University of Bolton

Universiteit van Amsterdam

Sofia University

Stichting SURF

Synergetics



**TEN** Competence

Building The European Network for Lifelong Competence Development

# RTD management according to The Unified Process

- Four RTD phases – three project cycles:
  - Phase 1: Inception: proposal + 6 months
  - Phase 2: Elaboration: 12 months
  - Phase 3: Construction: 18 months
  - Phase 4: Transition: 12 months
- Within each phase a full work flow cycle of:
  - Requirements definition
  - Analysis
  - Design
  - Implementation
  - Test

# Cycle 1 deliverables

- Overall architecture design + developers' guidelines
- First version of the TENCompetence infrastructure
- User requirements and validation criteria, business scenarios, overall evaluation plan
- Cycle 1 outputs + roadmaps for the aspect RTD work packages
- Training roadmap and pilot designs
- Associate Partners organizational model and roadmap
- Integrated roadmap + detailed work plan cycle 2



**TEN** Competence

Building The European Network for Lifelong Competence Development



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

[manderveld@surf.nl](mailto:manderveld@surf.nl)



**TEN Competence**

Building The European Network for Lifelong Competence Development