



TEN Competence

Building The European Network for Lifelong Competence Development

TENCompetence

The European Network for lifelong
competence development

Jocelyn Manderveld

SURF



TENCompetence

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

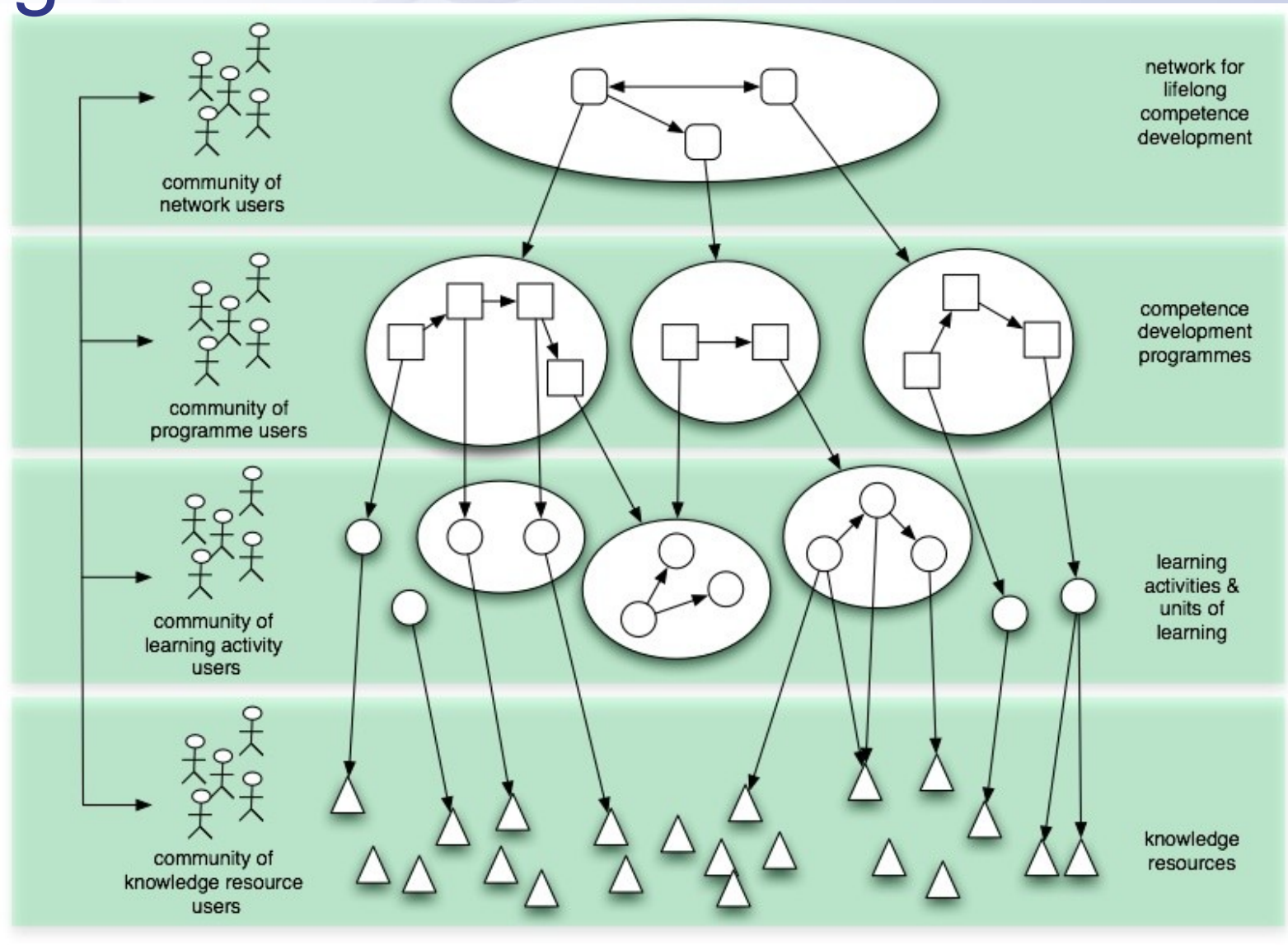
- Knowledge Resource Sharing & Management
- Learning Activities & Units of Learning
- Competence Development Programmes
- Networks for Lifelong Competence Development



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.)

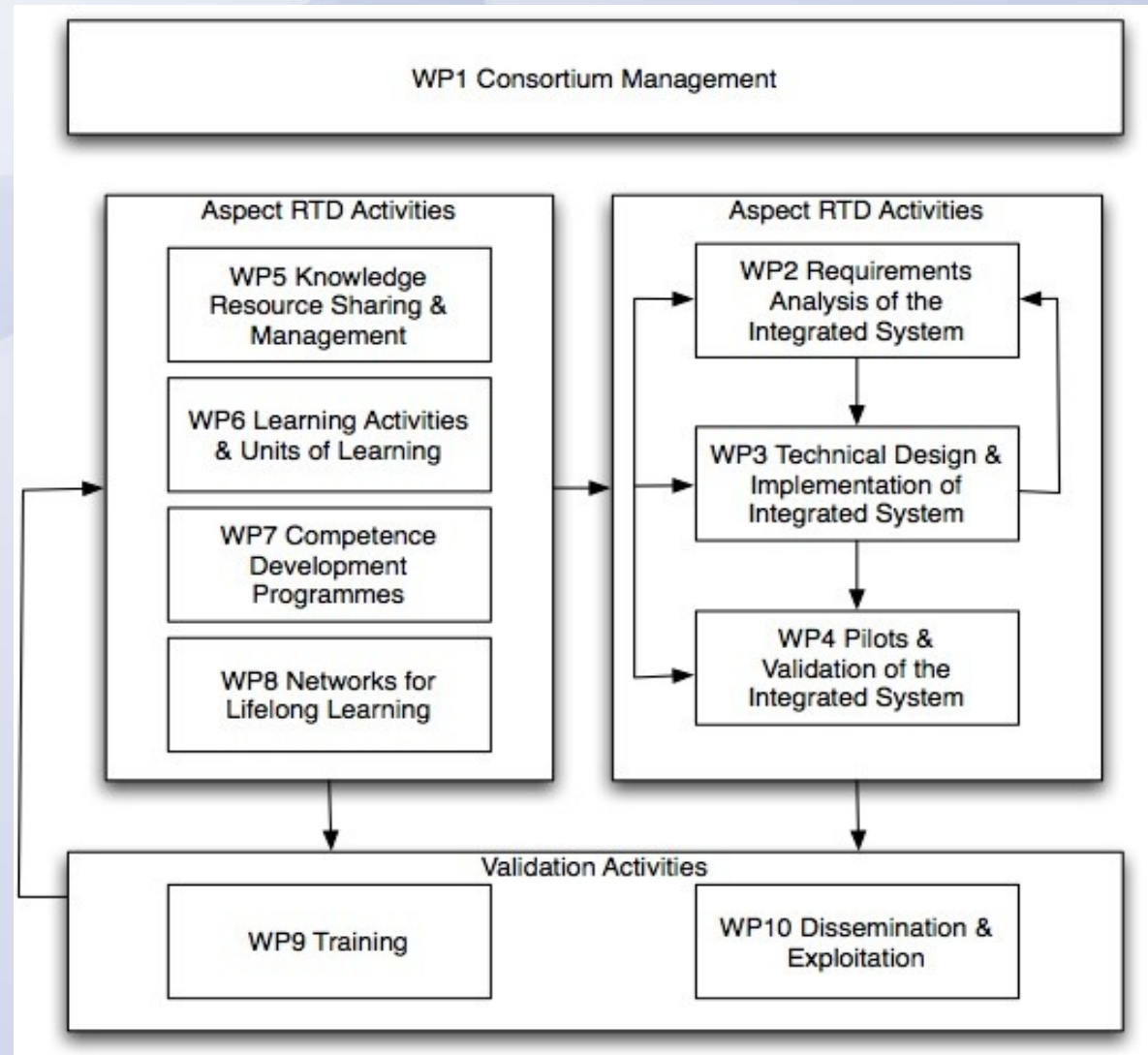
Organised Pilots in Project Plan:

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

manderveld@surf.nl



TEN Competence

Building The European Network for Lifelong Competence Development