

TEN Competence

Building The European Network for Lifelong Competence Development

Supporting lifelong competence development and employability using TENCompetence services

Jocelyn Manderveld, SURFfoundation

Dai Griffiths, Bolton University

Bas Krekels, Logica

Chris Kew, Bolton University

Outline

14.00: Welcome & introduction

14.15: Short introduction to TENCompetence & lifelong competence development

14.30: Group work: What are your challenges?

15.00: Reflection & discussion on group work

15.20: TENCompetence focus: What is needed in LLL & employability?

15.45: Overview of TENCompetence services

16.00: Break

16.15: Work with TENcompetence services

17.15: Roundtable

17.45: TENCompetence foundation

18.00: Closure

TENCompetence project aim

- Building The European Network for Lifelong Competence Development
- To be used by any individual school, team or organisation that has a need to further development of competences in a formal and/or informal manner
- The system will develop and integrate open source software based on the principals of web services demonstrated by various clients



TENCompetence

- IST/TEL Project 4 years, Dec 2005- Dec 2009
- 14 partners, 8 countries
- OUNL, SURF, Bolton University, Logica, Sofia University, CERTH, Hannover University, GIUNTI Labs, ALTRAN, Universitat Pompeu Fabra Barcelona, INSEAD, Synergetics, UNESCO-IHE, Agora



Central Problem

- Knowledge society demands **lifelong learning**
- **Integrated support for informal and formal learning** is missing
- People are responsible for planning their careers – **employability**
- Support of **personal competence development** is required

Lifelong learning & Employability

- In order to support lifelong learning & employability, what are the challenges we are dealing with?



Group work

- What is needed to support LLL & employability?
- What decisions are needed?
- What kind of tools do we need?
- From learner perspective?
- HR/Management perspective?



Reflection



TEN Competence

Building The European Network for Lifelong Competence Development

Online Educa Berlin - 2008

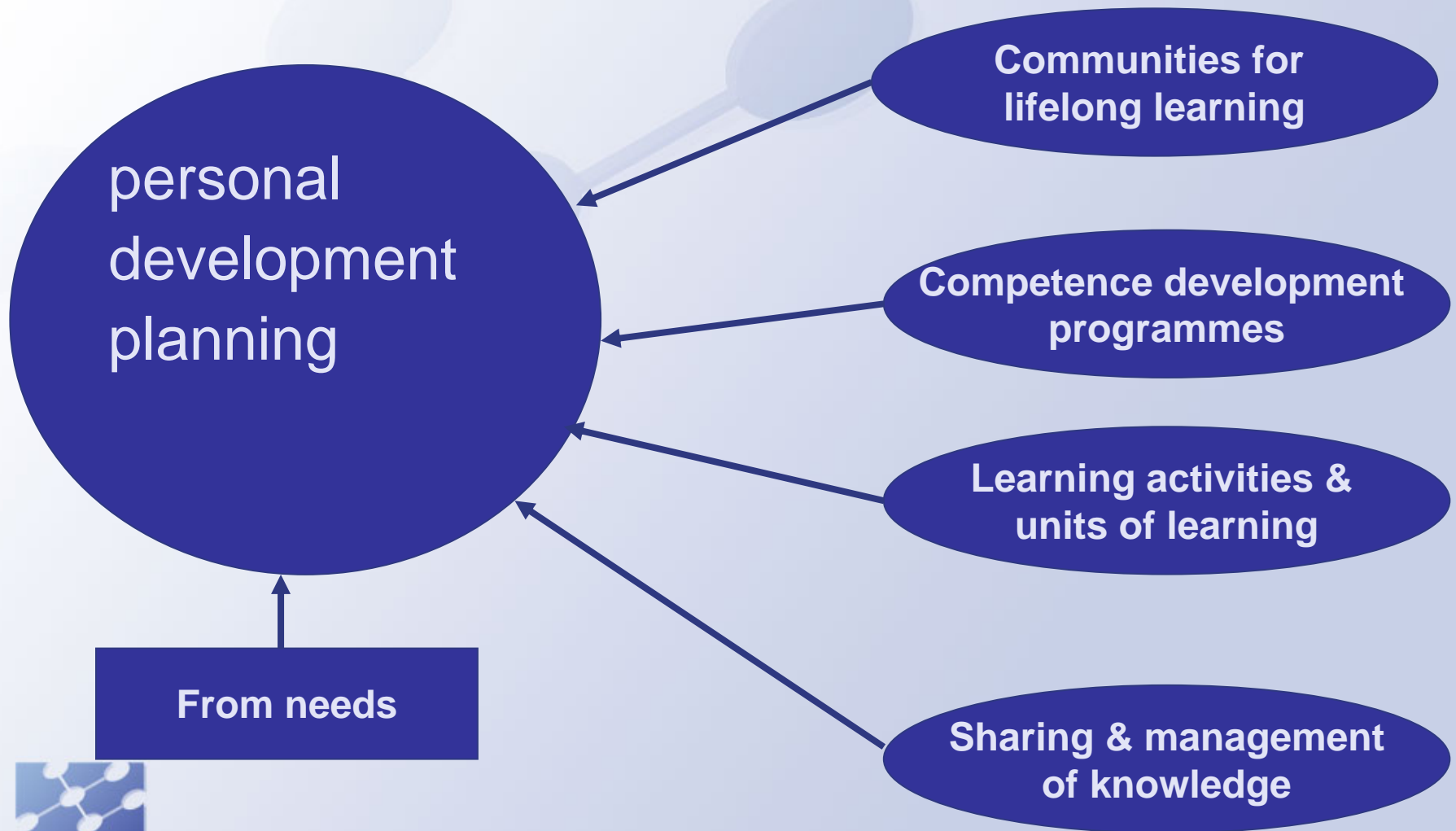
TENCompetence Focus

- Supporting **individuals** (and organisations) in development of their competences during their whole life:
 - I want to (further) develop a specific competence
 - I want a better job position
 - I want a new or different job
 - I want to keep my competences up-to-date
- Integration of learning, working, leisure

TENCompetence Focus

- Focus on personal development planning, instead of focus on curricula
- Personal development plans based on goals
 - Career plans
 - Personal objectives
- Plan can contain a mixture of:
 - Formal degrees
 - Informal learning intentions
 - Non-formal workshops
- Is personal and based on assessment of current competences

Integration of 4 worlds



Support for competence development

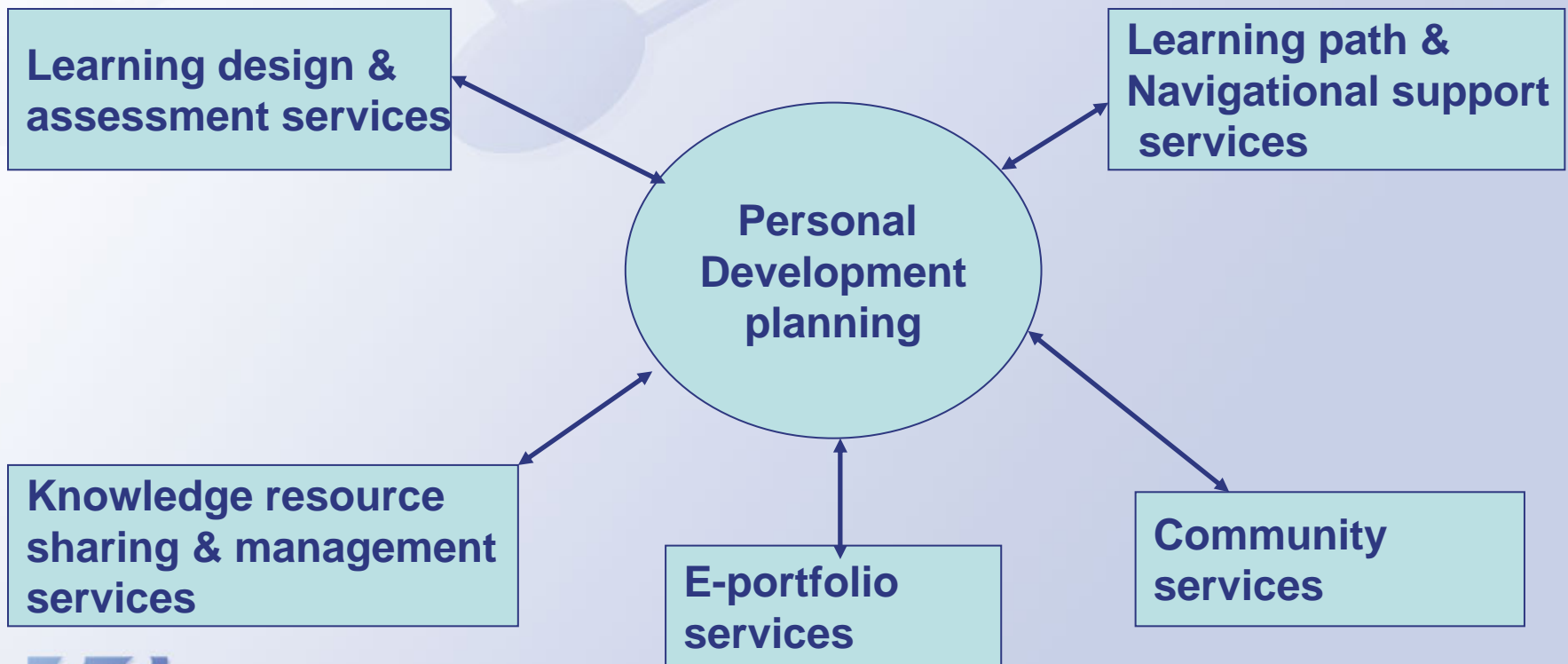
Use cases

- Stay up-to date in my job
- Improve a specific competence
- Study for a new job
- Explore new concepts
- Get competences assessed for a new job

How will it work?

- Lifelong learners are members of Learning Network/communities are **learners** and **suppliers** of learning activities and resources
- Members do things, find learning activities & programmes, learn, **share & discuss** what they are doing, **support each other**, provide all kinds of **feedback**

Overview of TENCompetence Services



TENCompetence supports

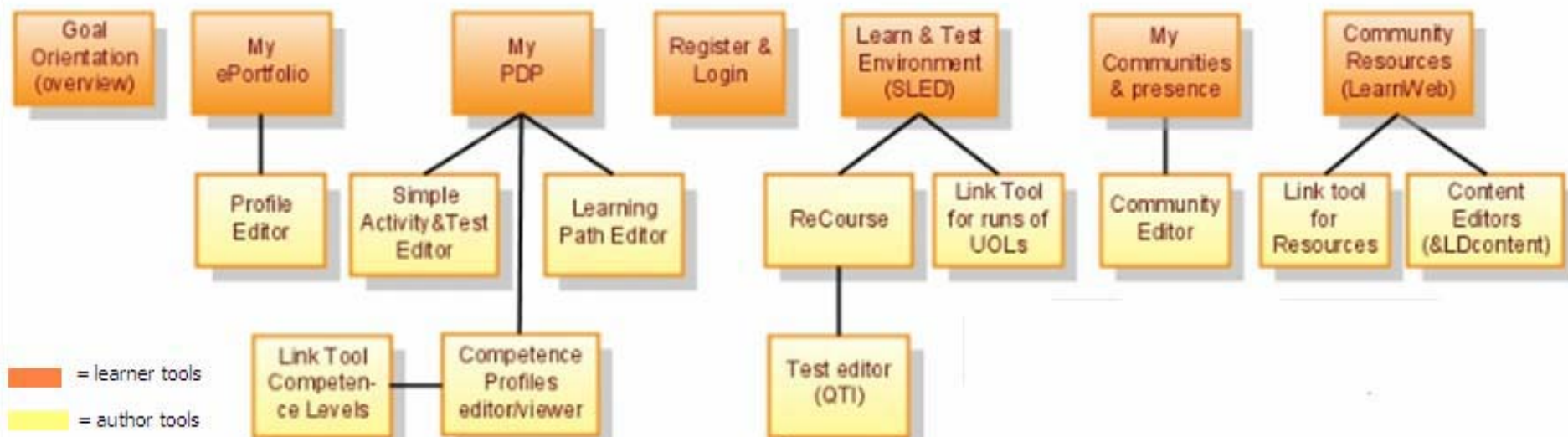
- Formation of learning networks
- Planning of competence development
- Creation, borrowing, adaptation of competence profiles from other communities
- Creation and running of learning activities

The infrastructure

- Uses and develops interoperability specifications
- All open source (components can be replaced)
- Integrated through PCM 2.0 services and database
- Network of associated partners who would like to provide services using the infrastructure

Tools overview

Integrated User Interface (Environment for Personal Competence Development = PCM 2.0)



Learner Use Cases

Needs	Tools
Overview and goal orientation	•Overview tool
Personal Development Plan	•PDP tool
Follow Course	•SLED
ePortfolio	•ePortfolio tool
Communities and online presence features	•My Communities
Access Community Resources	•LearnWeb 2.0

Author Use Cases

Needs	Tools
Share and manage resources	LearnWeb 2.0
Create Course	ReCourse LD Editor(web)
Edit tests	QTI editor
Create competence development profiles and plans	Competence Profiles editor and viewer
Edit your e-Portfolio profile	Profile editor
Create simple test and activities	Simple activity and test editor
Create a simple sequence of learning activities	Learning Path Editor
Manage communities and set rights	Community Editor
Authoring content	Generic editors & LD toolkit

KRSM Root Category

Results for search by keyword/s boat

Browsing categories

KRSM Root Category

- KRSM Category 1
- KRSM Category 2
- Sailing rules
- Sailing theory
- Regatta
- Knots
- Music
- TENC Resources
- TENC Attachments

Title	Description	Source	Author	Type	Category	Tags	Rating	Popularity	Last Comment
towing sailing boat (+)	see the strain of the towing rope	Fedora		application/x-shockwave-flash	KRSM Root Category	knots sailing technique	★★★★★	0%	interesting
Sailing Small Boats Page 79 (+)	basic knots for sailing	Fedora		image/jpeg	KRSM Root Category	knots sailing	★★★★★	0%	good picture of basic knots

2 results

towing sailing boat



[Bookmark this](#)
[Download](#)
[Share](#)
[Upload modified version](#)

Rate:



4.00/5 1 vote

Correlated resources:

[knots](#)
[sailing](#)
[technique](#)

Insert your tag:

Insert your comment:

Comments: 4

- 
29.11.2008 13:37:02
 interesting
 Chris K
- 
27.10.2008 07:47:05
 Good Video
 eval
- 
20.10.2008 15:15:01
 note the triangle-shaped towing rope. It should slip inside a headline block

Light an Educational Fire

www.surfnetkids.com

Too often we give our children answers to remember rather than problems to solve.

Roger Lewin
science journalist
and author

YouTube

0:35 - 1:14

Comments & Responses Related Material

Light an Educational Fire

Post comment

- albert.angehm@insead.edu
A list of interesting quotes related to learning.
- martina.eckert@alpha-simulations.com
I particularly liked IF YOU CAN GIVE YOUR SON OR DAUGHTER ONLY

TENCompetence Video Types

CD CD Opportunities CD Experts

<p>Light an Educational Fire</p> <p>Uploaded by vallappan.arun@gmail.com</p>		<p>Education, Teachers</p> <p>Attach Discuss</p> <p>★★★★☆</p>
<p>The need for intercultural media competence</p> <p>Uploaded by albert.angehm@insead.edu</p>		<p>Interculture, Competence</p> <p>Attach Discuss</p> <p>★★★★☆</p>
<p>Teachers can change the world</p> <p>Uploaded by</p>		<p>Influence, Competence, Teachers</p> <p>Attach Discuss</p>

Search Similarity-Computing Agent Highest Rated

tentube Search

Search is done based on Video Titles and tags

Control Panel

Spacing

Show arrows Retain

Search Time Machine

Display Only:

Knows



Pilots

- Digital Cinema in Spain
- UNESCO-IHE
- Agora
- ICT-teacher training University of Sofia
- Staff of libraries in the Netherlands

Work with TENCompetence services

- Recourse
- Personal Development Planner

Roundtable

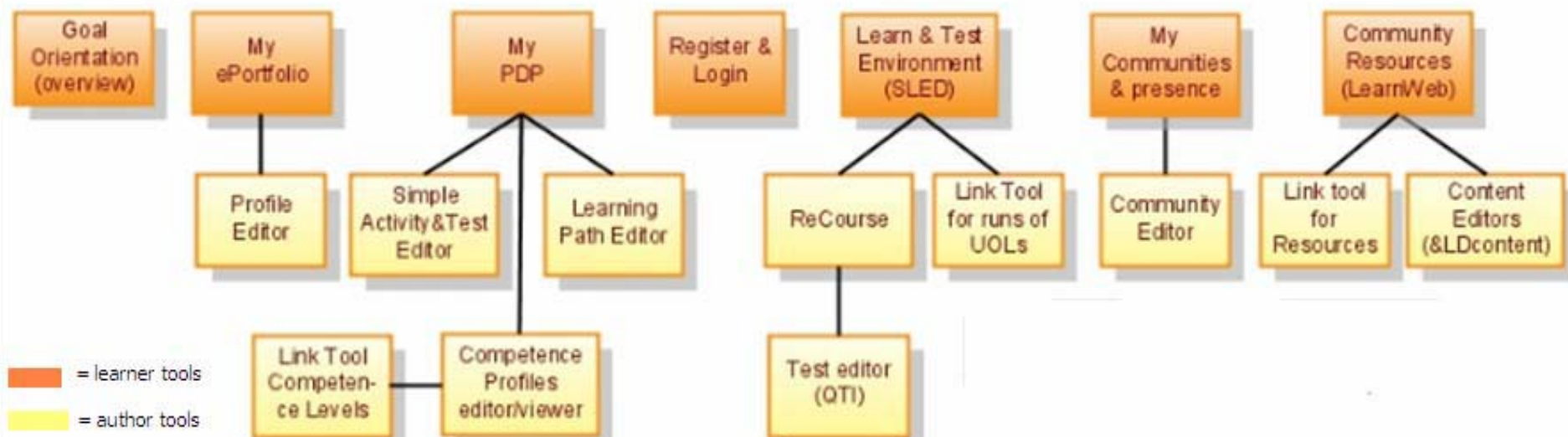
- Potential of the services presented for supporting and transforming lifelong competence development and employability in Europe.

Roundtable questions & discussion

- Do the tools & infrastructure look useful?
- What are the benefits?
- What are the obstacles/disadvantages of presented tools/infrastructure?
- Where do you see opportunities?

Tools overview

Integrated User Interface (Environment for Personal Competence Development = PCM 2.0)



TENCompetence Foundation

- Objects:
to support individuals, groups and organisations in Europe in the lifelong development of their abilities by developing and promoting the most suitable technical and organisational infrastructure, by making use of open-source, standards-based sustainable and innovative technologies

TENCompetence Foundation

- The Foundation attempts to realise its objects through:
 - Facilitating and providing leadership to the TENCompetence developers' network by means of:
 - Coordinating development activities;
 - Managing software assistance;
 - Managing software issues and versions;
 - Monitoring how the software is used;
 - Etc..

Opportunities for involvement

- Sharing vision of TENCompetence
- Discuss & support for your challenges in lifelong learning & employability
- Involved in development of TENCompetence services
- Pilots
- Using TENCompetence services

Information

- www.tencompetence.org
- Articles & deliverables:
<http://dspace.ou.nl/>
- manderveld@surf.nl
- dai.griffiths.1@gmail.com

Competence

A **competence** is the **estimated ability** of an actor to deal with **critical events, problems or tasks** that can occur in a certain situation (at work, at home, etc.)

This estimation can be based on:

- Self assessment
- Informal assessment by others
- Formal assessment by others



Integration?

- Overview of competence development opportunities
 - For the learner
 - For managers / HR
- Overview of what I need to do to accomplish those competences
- Open specifications for interoperability are essential to achieve this

