E-ASSESSING LEARNING OUTCOMES: PROPOSAL FOR A PRACTICAL TOOL – TALOE

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General and specific aims

To help educational and training stakeholders to achieve quality in the assessment of learning outcomes and competences in e-learning

- To research and select innovative e-assessment practices that take advantage of the use of technology
- Developing a web-based platform for teachers and trainers in e-learning to help them decide on the e-assessment strategies used on their course or module
- To test the implementation of the tool with real case studies
- To distribute and disseminate the TALOE tool among the communities of stakeholders
Question

Learning Outcomes and e-assessment

Can learning outcomes acquired through e-learning be verified with proper assessment methods?

- low information value about assessment (in terms of reliability of learner’s competences)
- clear and standardised descriptions of learning outcomes in combination with adequate e-assessment procedures
Even more questions

- Can all type of Learning Outcomes be assessed using on-line methods?
- How do we assess Learning Outcomes using on-line tools?
- Are all assessment methods suitable for any Learning Outcome?
Possible scenario

Learner in country A takes virtual course in country B.

Learner goes to country C and recognizes competences.
Procedure

**Learning Outcomes**
Use the LOs of virtual course to guarantee competences

**Qualification Framework**
Relate competences acquired to a qualification framework (e.g. EQF)

**TRANSFER**
Transfer recognition of competences to national framework

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http://taloe.up.pt
Main Concepts

- Learning Outcomes from a Qualification Framework (e.g. EQF - European Qualification Framework)
- E-Assessment methods

**At course level:**
- Matrix of LOs (rBloom):
  - Knowledge
  - Cognitive processes
- Alignment of LOs and assessment (ALOA model)
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Aligning Learning Outcomes and Assessment

LOs in QFs

LOs in programmes

LOs in courses

ALIGNMENT

(e)Assessment tasks

Assessment methods

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Teacher with a NEW course

- Write LOs statements
- Define content
- Define learning activities
- Define assessment
- Ensure alignment
Teacher with EXISTING course

- LOs statements written
- Content defined
- Existing learning activities
- Assessment strategy defined
- Verify alignment
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**ALOA SYSTEM**

**ASSESSMENT METHODS (EXISTING)**

- ASSESSMENT 1
- ASSESSMENT 2
- ASSESSMENT 3

**e.g.: Accreditation purposes**
ALOA Model - Aligning Learning Outcomes and Assessment*

- selection of assessment methods (personal and contextual)
- assessment is a complex issue in education and is depending on the stakeholders
- not possible to reach a version that is universally accepted

TALOE – Time to Assess Learning Outcomes in E-learning

- Two year project (01Jan2014 – 31Dec2015)
- With the support of the European Commission’s Lifelong Learning Programme
- Key Activity 3: Multilateral projects
- Reference No: 543097-LLP-1-2013-1-PT-KA3-KA3MP

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Current outline

- Obtained 18 case studies of e-assessment
- Developed webtool specifications
- Teachers present learning outcomes of an online course or module
- Webtool suggests e-assessment methods
- Test the implementation of webtool with case studies
- Distribute and disseminate the webtool
• Case-studies will be integrated in the web tool as examples or suggestions of e-assessments
• TALOE will use classification and descriptions to associate specific cases to specific methods of assessment from ALOA model

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General contact information

- Project mailing-list
  - taloe-list@up.pt
- Project email
  - taloe@up.pt
- Project platform for virtual collaboration
  - http://moodle.up.pt
- Project logo
- Building blocks of education
- Project website
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Thank you!

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