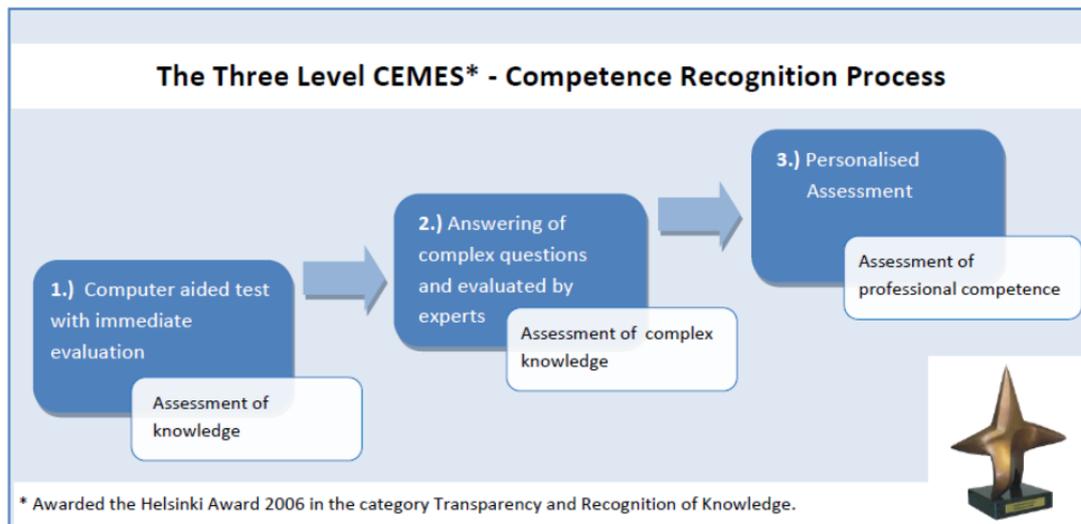


Using the CEMES-method and platform in the project 'Mob-Ex'

The project 'MobilityExcellence' used the CEMES-method and adapted the CEMES platform to validate and recognise learning outcomes which have been acquired during mobility. The CEMES platform is adapted to a vocational training in the field of hotel and office.

The CEMES-method is a competence recognition process and consists of a three-level mix of methods for a comprehensive assessment of competences. The objective is to elaborate the actual profile of a candidate. See picture below.

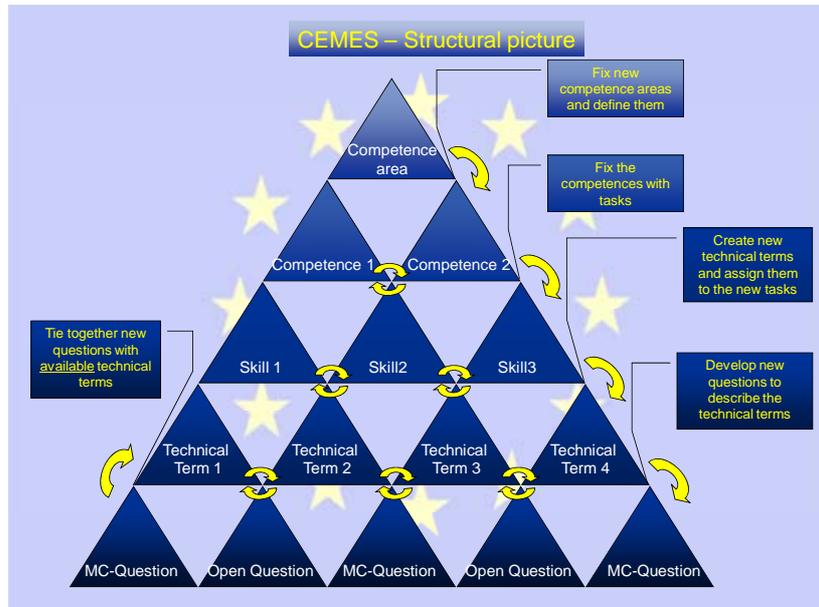


Each step is usable separately or in combination according to requirements. This project used the first and the second step of the method. The first two levels consist of an online-based multiple choice test and the online-based answering of open questions. The results of the online-based tests enable the assessor to get an overview to the candidates' knowledge and skills in a certain competence area.

The test procedure is implemented with the help of the CEMES platform, an online-based multilingual competence rating system. It is used to realise the competence recognition process.

The structure of the system is based on skills and abilities and enables the user to find specific questions for an assessment. The CEMES platform consists of four levels. See picture below.

The competence area (level 1) is connected to relevant competences (level 2). These competences can be defined with required skills (level 3) which in turn are determined by technical terms/knowledge (level 4). The knowledge/the technical terms are allocated and linked to multiple choice questions and open questions which are the basis for the competence assessment tests and evaluations. Moreover, due to the structure, questions, skills and competences may be allocated several times. One question can for instance be linked to several relevant technical terms.



According to the structure of the platform - competences, skills, technical terms - the project defined units of learning outcomes in the area of hotel and office and entered the structure into the CEMES-platform. To realise the MC- and open question tests the consortium created a number of questions and enter them into the CEMES-platform.

During the testing phase the partners created MC and open question tests and the candidates of a mobility phase took a test in their host country at the end of the mobility. Afterwards the candidate received immediately an evaluation of the MC-Test. The open questions have to be evaluated by an expert where the CEMES platform offers a special function.

The evaluator gets an overview to the results of both tests via the CEMES- platform. See picture below.

examination: mixed test MobEx					Print this page
name: Mobility candidate, -					
probation:					
start: 24.04.2012 / 11:18:45					
end: 24.04.2012 / 12:31:52					
question type: Multiple-choice					
competence	questions	correct	incorrect	%	
Information processing – B1 Statistics	6	4	2	66.67	
Information processing – B2 Word Processing	2	2	0	100	
Office Organisation – A1 Management of office facilities	9	6	3	66.67	
Office Organisation – A2 Document Management	7	6	1	85.71	
sum:	24	18	6	75	
question type: open question					
assessor: Hans, Jahn date: 2012-04-24 12:47:51					
competence	questions	actual points	debit points	%	
Information processing – B1 Statistics	2	6	11	54.55	
Information processing – B2 Word Processing	1	1	3	33.33	
Office Organisation – A1 Management of office facilities	7	17	30	56.67	
Office Organisation – A2 Document Management	5	15	22	68.18	
sum:	15	39	66	59.09	

Back in their countries the candidates received a certification about their successful participation in this mobility programme.

Further information about the method and platform, please ask for the 'CEMES brochure'. Contact: jaeser@bildung-ibs.de