

MINUTES and MAIN RESULTS

of the MEETING

held on 10 September 2015 in Berlin, Germany

In this Meeting **90 representatives from 59 partners institutions of 34 European countries** took part, including Bulgaria, Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, The Netherlands, Poland, Portugal, Romania, Slovak Republic, Slovenia, Spain, Sweden, UK, Croatia, Island, Liechtenstein, Norway, Serbia, The Former Yugoslav Republic of Macedonia, Turkey, Albania.

There were also 3 representatives of the EACEA Agency in Brussels.



The project meeting was conducted with the following agenda:

No	ITEM	SPEAKER	TIME
0.	Meeting registration		8:30 - 9:30
1.	Opening of the Fourth meeting	Prof. Dr. Wladimir Bodrow	9:30 – 9:35
2.	Welcome Address of the president of University of Applied Sciences Berlin to the Meeting participants. Welcome Address of minister plenipotentiary of the Embassy of the Republic of Bulgaria in the Federal Republic of Germany	Prof. Dr. Klaus Semlinger Mr. Nikolai Iliev	9:35 – 9:45
3.	Introduction of the Meeting participants.	All members	9:45 – 10:00

Future Education and Training in Computing: How to Support Learning at Anytime Anywhere

4.	WP1 1. Completed tasks in the work package. 2. Discussion.	Prof. Dr Angel Smrikarov	10:00 - 10:20
5.	WP3 1. Familiarizing the consortium with the final version of European Strategic Framework for Computing Education and Training 2020 (<i>The final version should be ready by 31.10.2015.</i>) 2. Discussion.	Prof. Dr Marco Porta Prof. Dr Betim Cico	10:20 – 11:00
6.	Coffee break		11:00 – 11:30
7.	WP4 1. Familiarizing the consortium with the final version of the Recommendation report from CEQAT for the Evaluation Framework in Computing Education and Training. 2. Discussion.	Prof. Dr Hilda Tellioglu Prof. Dr. Wladimir Bodrow	11:30 – 12:15
8.	WP5 1. Familiarizing the consortium with the final version of the Assessment of emerging technological tools and resources for learning purposes. 2. Discussion.	Dr Rebecca Bartlett Dr Karl Jones	12:15 – 13:00
9.	Taking a photo of all meeting participants		13:00 – 13:15
10.	Lunch		13:30 – 14:30
11.	WP6 1. Presentation and discussion of new didactical models for the use social media in e-learning. Presentation of current progress. 2. Discussion.	Prof. DSc Leon Rothkrantz Prof. Dr António Mendes	14:30 – 15:00
12.	WP7 1. Analysis of the surveys for the evaluation of events and developed deliverables 2. Discussion.	Dr Stanka Hadzhikoleva	15:00 – 15:30
13.	WP8 1. Organising EMEL-COTest (European Mobile and Electronic Learning in Computing Education Test) for informing the wide public about the project progress and putting pressure on Education Ministries of partner countries continuously about innovative approaches in computing education. Presentation of current progress. (<i>The final version should be ready by 30.11.2015.</i>) 2. Discussion.	Dr Kemal Tutuncu	15:30 – 16:00
14.	WP9 1. Presentation of current progress; 2. Discussion.	Prof. Dr Angel Smrikarov	16:00 – 16:15
15.	Conclusion and any other business 1. Summary report about completed work and specifying future activities; 2. Planning the next meeting; 3. Discussion.	Prof. Dr Angel Smrikarov Dr Kemal Tutuncu	16:15 – 17:00

The meeting was opened by Prof. Dr. Wladimir Bodrow, representative of the University of Applied Sciences (HTW) Berlin, the main organiser of the event.



Prof. Dr. Klaus Semlinger, President of HTW, welcomed the participants in the Meeting.



Mr. Nikolai Iliev, representative of the Embassy of the Republic of Bulgaria in Germany, welcomed the participants in the meeting on behalf of the minister plenipotentiary of the Embassy of the Republic of Bulgaria in the Federal Republic of Germany.



Prof. Dr. Yuliana Popova awarded Prof. Dr. Klaus Semlinger, President of HTW, with the Crystal Prize of the University of Ruse for the longstanding cooperation between the two universities which lasts for more than 20 years now and Prof. Dr. Wladimir Bodrow for his active involvement in the mobility exchange of students under the Erasmus programme.





All participants in the meeting introduced themselves and their organisation.





The main objective of this meeting was to discuss the work plan activities, reports by WP leaders about completed work, problems, and future activities. Special attention was paid to the European Strategic Framework for Computing Education and Training 2020 (ESFCET 2020) to be developed in WP3 and European Evaluation Framework for Computing Education and Training 2020 (EEFCET 2020) to be developed in WP4, which are some of the most important deliverables of the project.



Prof. Dr. Angel Smrikarov, Coordinator of the ETN FETCH, reported about WP1 activities. The rules for maintaining the partnership were updated, agreements between the coordinator and every partner were signed, the project infrastructure and communication channels between all partners were established, four meetings of all partners and one meeting of WP leaders in Pavia were organized and conducted. Two Compsystech and two e-Learning conferences were organised. The progress report was prepared and submitted on time, it was approved by the EACEA agency and the next instalment has been received in the University of Ruse bank account. Many thanks to all partners and mainly to WP leaders for their help.



Prof. Dr. Marco Porta from University of Pavia as a leader of WP3 presented the work of WP3 until that moment. He thanked to Betim Cico and Peter Kaszmarski for their help. Deliverables 3.1 and 3.2 have been completed. He presented the current structure (v.2.23) of the most important deliverable 3.3. European Strategic Framework for Computing Education and Training 2020 (ESFCET 2020). The presentation concentrated on the following main points: ESFCET 2020 roadmap, Relation with the “Europe 2020” initiative, European ICT job market trends in the period 2000 – 2020, outcomes of FETCH relevant for ESFCET 2020, links with EQF, Vision, Mission, Strategic objectives, Priority areas, Benchmarks, Work cycles and Stakeholders of the ESFCET 2020, future directions.

Betim Cico thanked to everyone who contributed and appealed to all to come to the WP3 work meeting on the next day to give ideas.

Hilda Tellioglu asked how this can be used to change specific existing curricula.

M. Porta replied: analyse existing curriculum, check our suggestions in the framework and change whatever is necessary.

Leon Rothkrantz said that a good job has been done. In the Netherlands there are 3 main TU competitors. If we propose for them to become uniform, this could cause problems.

M. Porta replied: ESFCET 2020 should be general enough and flexible, so that it can be adapted to individual needs.

Betim Cico: we don't want to make universities uniform, every university should be able to adapt it according to the market needs.

Wladimir Bodrow: Every university wants to be unique, we can use common curricula just to communicate between us.

Marco Alfano: not only the universities teach ICT specialists, there are other institutions.

M. Porta: EQF includes other levels, but we concentrate mainly on the HEI.

Betim Cico: Maybe in 2020 there will be a need of new type of specialists, so we may need a new degree in Computing. We could discuss this with IEEE at conference/workshop.





Prof. Dr Hilda Tellioglu from Vienna University of Technology, the WP leader, presented WP4. The objective of WP4 is the development of a European Evaluation Framework in Computing Education and Training 2020 (EEFCET 2020), which is to be delivered by the end of January 2016. Deliverable 4.2 Report about literature review, surveys, and interviews with experts has already been finished. D4.3. Recommendation report from CEQAT for the Evaluation Framework in Computing Education and Training is also completed. D4.4 is a product and it is the EEFCET-2020 produced on paper and CD and it should be based on D4.3. It is under development now and there is a first draft version with the following content: Introduction, Aims and objectives, why do evaluation, key considerations, definition of key terms, conceptual organization of EEFCET-2020, EEFCET 2020 framework: definition and execution, phases and descriptor of EEFCET-2020. The draft version of the framework is in Google docs and partners can contribute.



Prof. Wladimir Bodrow, as work package co-leader, said that a good progress has been made, but there are fields for improvement like following the processes out of the university, other levels and focuses could also be considered.

Leon Rothkrantz mentioned that in the Netherlands every university has its own evaluation process, and some questions can be very specific.

Wladimir Bodrow: In every university it can be different. We try to make a good proposal, but every professor can decide and build upon it.

Steiner Kristoffersen: Evaluation process costs money.

Hilda Tellioglu: At our university we have a certain budget, we have to think about this.

WP5 was presented by Dr. Karl Jones from Liverpool John Moores University as a co-leader of this WP. D5.1. Identification of current best practice of digital curricula in European HEI has been completed and presented in Ruse. Deliverable 5.2 Assessment of the emerging technological tools and resources for learning has already been published on the project web site. What was presented in Dublin was summarised. D5.3 is Preparation of a set of recommendation for digital curricula and has to be finished in June 2016. Some ideas about the future efforts for 5.3 Preparation of a set of recommendation for digital curricula were proposed.



Prof. Wladimir Bodrow gave some explanations about taking picture of meeting participants, lunch and dinner.

Prof. DSc Leon Rothkrantz reported about current progress in WP6 e-Learning and m-Learning in Computing supported by social media. A video was shown about the pre-university calculus MOOC. Examples of didactic experiments will be presented in Session C of the e-Learning conference. Analysis and continuation of FETCH surveys were

discussed. Two types of MOOCs were presented. Success rate is very low in general, but if MOOCs are compulsory, success is high. Challenges for WP6 concerning MOOCs and didactic models and future activities were outlined.

Betim Cico: were the students evaluated at the end of the MOOC?

Leon Rothkrantz: I check their work and grade it in the end.

Wladimir Bodrow: Are MOOCs of benefit to find a job?

Leon Rothkrantz: Some companies ask their employees to attend a MOOC.

Wladimir Bodrow: Can students select a MOOC?

Leon Rothkrantz: Regular students can, but they get no credits for it, so usually alumni do it.

Stefanie Oestlund: Is there any statistics if MOOCs improve education?

Leon Rothkrantz: Not yet, however some students are asked to pass a MOOC.

Marco Alfano: Can you take a course at any time?

Leon Rothkrantz: For some courses yes – they are individual, but others require a group and you have to wait.



Stanka Hadzhikoleva presented WP7 Quality assurance. Tasks 7.1 Creation of Quality Assurance (QA) Plan and 7.2 Setting-up and testing of software tool for QA and evaluation have been completed. Task 7.3 Evaluations of project deliverables and activities and 7.4 Internal and external Progress and Final evaluation are in progress. Project QA activities are organized in 4 periods. The first two have finished now we are in the third period. Evaluation results of D5.2, D4.3, D1.7, D3.5, D9.10 were shown and analysed. Most important upcoming activities were emphasized.



Assoc. Prof. Dr. Kemal Tutuncu presented WP8 Exploitation of Project Results. Deliverable 8.1 : Report about Current state of the European Erasmus Network for student and lecturer exchange in the field of Computing Education regarding to partners and Deliverable 8.2 Report about current state of the European Erasmus Network for practical placements of traineeship in the field of Computing Education have been published. Dr. Tutuncu concentrated on D8.3 Organising EMEL-COTest (European Mobile and Electronic Learning in Computing Education Test) for informing the public about project progress and petitioning Education Ministries about innovative approaches in computing education. EMEL-COTest is a WEB-Platform for exploitation of the project outcomes. All features of the platform (www.emelcotest.com) were demonstrated to all partners. This deliverable was finished ahead of schedule. E-journals for April-May 2015 and June-July 2015 have been prepared. Kemal Tutuncu appealed to all partners to visit the web site and enter details of stakeholders. They are also planning a Webinar in November 2015.

Betim Cico: This platform can be used for collecting opinions from students and professors about mobilities.

Wladimir Bodrow: It could also be used for research activities, contacts, etc.



Prof. Dr Angel Smrikarov familiarised the audience with the objective and tasks of WP9 - dissemination of project results. The TN Coordinator presented a detailed report about the completed work and marked the forthcoming activities. Assoc. Prof. Dr. Kemal Tutuncu talked about the next meeting in Konya, which will be hosted by the Selcuk University. He introduced the campus, the city, possible hotels and activities.



MINUTES and MAIN RESULTS of the MEETING held on 11 September 2015 in Berlin, Germany

The meeting continued on the next day with the following agenda

No	ITEM	SPEAKER	TIME
1.	Clarifying some of the financial rules for project work; Discussion	Assoc. Prof. Em. Stoyanka Smrikarova	9:00 – 10:00
2.	Work meeting WP3 – Room HG149 Work on WP3 – Discussing the final version of the Strategic Framework for Computing Education and Training 2020	Prof. Dr Marco Porta Prof. Betim Cico	10:00 – 11:15
3.	Work meeting WP5 – Room HG150 Work on WP5 – Discussing the draft version of the Recommendations for future digital curricula in Computing Education and Training 2020	Dr Rebecca Bartlett Dr Karl Jones	10:00 – 11:15
3.	Coffee break		11:15 – 11:45
4.	Work meeting WP4 – Room HG149 Work on WP4 – Discussing the first draft of the European Evaluation Framework in Computing Education and Training 2020 (EEFCET-2020)	Prof. Dr Hilda Tellioglu Prof. Dr. Wladimir Bodrow	11:45 – 13:00
5.	Work meeting WP6 – Room HG150 Work on WP6. Discussing the new didactical models for the use social media in e-learning. Experiments results from testing didactical models	Prof. DSc Leon Rothkrantz Prof. Dr António Mendes	11:45 – 13:00
6.	Lunch		13:00 – 14:30
7.	Conference e-Learning'15 – Plenary Session Meeting Room HG238		15:00 – 17:00

Assoc. Prof. Smrikarova, as ETN TRICE manager, presented the financial reports to be prepared by the end of the project. She concentrated on financial rules for project work. Detailed explanations were given about reporting the main three budget headings Staff costs, Travel & Subsistence costs, Other costs as well as about the AUDIT 1, which must be performed by an EXTERNAL FINANCIAL EXPERT. Only the costs, verified by external auditor, may be included in the final report to the commission! IMPORTANT: all original supporting documents must be kept in the institution's financial department, because the coordinator transfers the grant to the partners who spend it. All documents must be kept for at least 5 years after the project end, i.e. until 30.10.2021.

Some issues related to the Final report were also discussed.

The following **DEADLINES** were adopted by all partners:

Up to 31.10.2015 partners are expected to send all the originals of the documents by post as follows:

1. Staff costs - The declarations for July, August, September
2. Travel costs - The declarations for the meeting in Berlin along with a verified copy of all financial documents.
3. Equipment - A form about the purchased laptop along with a verified copy of the required financial documents.

Up to 31.12.2015 partners are expected to send all the originals of the documents by post as follows:

1. Staff costs - The declarations for October and November

Up to 30.04.2016 partners are expected to send all the originals of the documents by post as follows:

1. Staff costs - The declarations for December, January, February, March

Up to 31.07.2016 partners are expected to send all the originals of the documents by post as follows:

1. Staff costs - The declarations for April, May, June
2. Travel costs - The declarations for the Konya meeting along with a verified copy of all financial documents.
3. Other costs - A declaration about the paid conference fee.

Up to 30.09.2016 partners are expected to send all the originals of the documents by post as follows:

1. Staff costs - The declarations for July, August, September
2. Travel costs - The declarations for the Bratislava meeting along with a verified copy of all financial documents.



The meetings continued with sessions of the separate work packages. Separate Minutes and main results of the WP meetings are uploaded on the project's website in the Document section. There can be found all presentations made during the first day of the meeting.



