



University of Maribor

Faculty of Electrical Engineering  
and Computer Science



European Commission

TEMPUS

*Enhancement of cyber educational system of Montenegro*

## Minutes of the 7th ECESM Meeting

**TEMPUS: Enhancement of cyber educational system of Montenegro (ECESM)**

**Minutes of the meeting, 20 March 2015**

**Buckinghamshire New University, UK**

### Present

#### *EU Partners*

Matjaž Debevc, University of Maribor  
Marko Holbl, University of Maribor  
Simon Hauptman, University of Maribor  
Stefano Guarino, University Roma TRE  
Massimo Cappelli, Global Cyber Security Center, Italy  
Marko Kaaramees, Tallinn University of Technology, Estonia  
Juhan Ernits, Tallinn University of Technology, Estonia  
Florin Ioras, BUCKS  
Indrachapa Bandara, BUCKS

#### *Montenegro Partners*

Ramo Šendelj, University of Donja Gorica  
Dragan Vukčević, University of Donja Gorica  
Ivana Ognjanović, University Mediterranean  
Srđan Jovanovski, University Mediterranean  
Nada Rakočević, Chamber of Economy of Montenegro  
Ana Rakočević, Ministry of information society and telecommunications, Montenegro

The meeting was attended by 15 participants from 9 institutions.



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The meeting was organized at premises of BUCKS University at Buckinghamshire. A chairman of the meeting was Prof. Dr. Florin Ioras, the project representative of the host institution.

## 1. Welcome

On behalf of hosting institution, Prof. Florin Ioras welcomed the partners to the seventh ECESM consortium meeting. He presented the capacities of BUCKS University and their activities regarding cyber security education and training.

Also, Matjaž Debevc as project leader welcomed all partners by expressing the pleasure to visit Buckinghamshire area, giving thanks to all participants for active collaboration and successful project results with all respects to proposed deadlines and activity plan.

## 2. Recap/Overview of WP 2

Indrachapa Bandara, leader of the Work package 2, presented the work done at WP2, with finalized deliverables 2.1 and 2.2 that are ready for online publishing. He emphasized indicators describing ICT literacy in Montenegro as well as agreed approach for improvements of cyber security awareness among identified target groups. Furthermore, he pointed out that additional work should also be done considering the referencing of the reports.

Ivana Ognjanović (UNIM) representing National Board in Montenegro gave an overview of their recent National meeting where detailed actions about organizations of training (activity 2.3) and Handbook preparation (activity 2.3) were specified. The plan (see *Report\_2<sup>nd</sup>\_National\_Board\_Meeting.doc*) gives detailed description of selection procedure for participants, planned training events and evaluation procedure.

She also presented financial indicators about estimated costs for proposed trainings, and all participants agreed about making relocation of funds for travel costs in order to provide support for organizing large-scale training events in ME. National Board representatives will prepare detailed proposal of using funds and submit to Project Management Board for acceptance.

In addition, Indrachapa Bandara presented CISCO Cyber security Introduction Course that ME trainers will attend. All participants agreed about using curriculum of CISCO course and ECDL (European Computer Driving License) module about digital security, in order to prepare programs and materials for identified target groups.



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## **ACTION 1**

**National Board will prepare plan for expenditures needed for organizing large-scale trainings in Montenegro among identified target groups. Deadline: 10<sup>th</sup> April, 2015**

**Project Management Board will discuss about making relocation of funds in order to provide support for estimated costs. Deadline: 20<sup>th</sup> April, 2015**

**Organization of trainings will start after relocation of funds.**

## **ACTION 2**

**All the partners involved in Work package 2 will send the referencing information to Indrachapa Bandara until 10<sup>th</sup> April.**

## **ACTION 3**

**As soon as the additional information regarding the trainings will be provided, Simon Hauptman will implement a clear link to the participation form within the ECESM official website.**

## **ACTION 4**

**The updated e-mail list from all partners will be sent to project representatives until 27<sup>th</sup> March 2015. It is proposed that the separate mailing lists are also made for different work-packages.**

## **3. Work progress and future work for WP3**

Stefano Guarino, representative of UR3, which is leading institution for WP3, presented an overview of planned activities in WP3 with proposed deadlines. After his introductory plan, intensive discussion among all participants were taken in order to identify the best suiting approach for identification of target groups in WP3 and appropriate training modules and their level of expertise and professional education.

Having in mind good support of MID in previous WP in all activities related to gathering relevant indicators about ME society and ICT literacy, Chamber of economy accepted to have key role in implementation of similar activities in WP3. They also suggested their leading role in future organization of trainings with both, communication and management as well as hosting institution, due to well recognized position in economic sector at national level.

Ana Rakočević from the Ministry of information society and telecommunications presented recent activity of the Ministry aimed on making assessments of cyber conducted by the Global Cyber Security Capacity Center of the Oxford University by using their Cyber Security Capacity Maturity Model. The results (that are expected to be publish within 6 weeks) will be beneficiary for ECESM



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project and WP3, which together with indicators provided from the Chamber will make a complete picture about cyber security community among workforce at national level.

#### **ACTION 5**

**Stefano Guirano shall send needed indicators to Chamber of Economy till 7<sup>th</sup> April, and the Chamber will collect them and send to all partner institution till 15<sup>th</sup> April.**

**Ministry of information society and telecommunications will forward assessment results as soon as they receive them from the Oxford University.**

**All EU partners shall prepare a list of professional courses with different professionalization levels, which will be later used for making a final ECESM list. Deadline: 10<sup>th</sup> April, 2015**

#### **4. General discussion**

Indrachapa Bandara led the general discussion considering the overall project activities. Ivana Ognjanovic discussed on the online newsletter establishment and asked all the partners to provide their input.

Moreover, the plan of next meetings has been made. Proposed meetings are as follows:

- meeting in Roma (GCSEC) in May,
- meeting in Budva (UNIM + dissemination at MECO conference) in June,
- meeting in Budva (UDG + dissemination at Infifest conference) in September.

#### **ACTION 6**

**In April, the Montenegrin partners will discuss about the next step regarding the establishment of the Sustainability Center in Montenegro. The report regarding this will be send until 30 April 2015.**

#### **ACTION 7**

**The additional articles for the Online newsletter should be provided by all partners to Ivana Ognjanovic until 15<sup>th</sup> April. After receiving all the inputs, University of Maribor will make a graphic design and template of the Newsletter. Additionally, UM will implement it to the ECESM website.**

#### **ACTION 8**

**All the partners will send the information about published papers at conferences or journals to Simon Hauptman until 15<sup>th</sup> April.**





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## **ACTION 9**

**All the partners will send the information about published papers at conferences or journals to Simon Hauptman until 15<sup>th</sup> April. Moreover, the reports about implemented dissemination activities should be send and then published at project web site.**

## **ACTION 10**

**The final date for the 8<sup>th</sup> Consortium meeting will be confirmed after the host Massimo Cappelli sends to all partners the most suitable dates. The deadline for this is 15 April 2015.**

The meeting ended at 15:30.



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### ATTENDANCE LIST



## Seventh ECESM Meeting

TEMPUS: Enhancement of cyber educational system of Montenegro (ECESM)  
Friday, 20 March 2015  
BUCKS New University, United Kingdom

#### LIST OF PARTICIPANTS

Nr.	INSTITUTION	PARTICIPANT	SIGNATURE
1	BUCKS NEW UNIVERSITY	FLORIN IORDAS	
2	UNIVERSITY OF MARIBOR	SIMON HROPTMAN	
3	UNIVERSITY OF ROMA TRE	STEFANO GUARINO	
4	TALLINN UNIVERSITY OF TECH.	SURAN EDVITS	
5	TALLINN UNIV OF TECH	MAREK KARRANES	
6	UNIVERSITY MEDITERRANEA	IVANA UNJANOVIĆ	
7	UNIVERSITY DOGA GORICA	ROMO SENCLOJ	
8	UNIVERSITY DOGA GORICA	DRAGAN VUKČIĆ	
9	CHAMBER OF ECONOMY OF MONTENEGRO	NOVA RAKOČIĆ	
10	UNIVERSITY MEDITERRANEA	STEFANO GUARINO	
11	GLOBAL CYBER SECURITY CENTRE	MARCO CARRELLI	
12	MINISTRY FOR INFORMATION SOCIETY AND MEDIA	ANA RAKOČIĆ	
13	UNIVERSITY OF MARIBOR	MARCO HÖLBE	
14	UNIVERSITY OF MARIBOR	KATAJŽA ŽBOK	
15	Bucks New University	Indrochupa Bantam	
16			

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## PHOTOS



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27.3.2015

Written by:

Ivana Ognjanović

Simon Hauptman

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