

Project CENEAST 2nd Meeting | MINUTES

Meeting date | time 2/28/2013 12:00 AM | Meeting location Meriton Grand Conference and Spa Hotel Tallinn, Tallinn University of Technology

Meeting called by Prof Irene Lill
Prof DrSc PhD Arturas Kaklauskas

Type of meeting 2nd project meeting

Facilitator Moonika Mändla

Note taker Lina Zemeckyte

Attendees

Dilanthi Amaratunga, USAL
Vladimir Bayrachnyi, NTU “KhPI”
Valery Beley, KGTU
Andrey Benuzh, MGSU
Elena Beznos, KGTU
Romualdas Cesnavicius, VGTU
Richard Haigh, USAL
Arturas Kaklauskas, VGTU
Roode Liias, TUT
Irene Lill, TUT
Vilma Misiukoniene, INFOBALT
Jurga Naimaviciene, VGTU
Elena Nikonchuk, SPbSPU
Tiina Nuuter, TUT
Angela V. Piatova, NTUU “KPI”
Irina Porunkova, NTU “KhPI”
Volodymyr V. Prokopenko, NTUU “KPI”
Andrey Safonov, MSIU
Nataliya Samoylenko, NTU “KhPI”
Nikolai Siniak, BSTU
Elena Zabolotnaya, KGTU
Lina Zemeckyte, VGTU
Laura Tampieri, UNIBO
Nikolay Vatin, SPbSPU
Emlyn Witt, TUT
Yury Ramanouski, YKSUG
Dzmitry Safonchyk, YKSUG

AGENDA TOPICS: 1ST MEETING DAY

1. Welcome and opening of the meeting

Time allotted | 26/02/2013 09:15 | **Agenda topic** Organisation Issues | **Presenter** Prof. Irene Lill

Discussion: Prof. Irene Lill reviewed the organisational issues. Project meeting agenda was discussed. Every participant made a short presentation about himself.

2. Structure and Objectives of the 2nd meeting

The objectives of the 2nd meeting are:

Development:

- WP2: Upgrading of BSc, MSc, PhD degree programmes – discussion on market analysis and new study modules.
- WP3: Development and Exploitation of the Virtual Interuniversity Networked Educational Centre - open procedure for intelligent library, intelligent tutoring and intelligent knowledge assessment systems.

Management:

- Project reporting
- Further meetings
- Integration of different EU projects

3. WP2: Upgrading of BSc, MSc, PhD degree programmes

Time allotted | 26/02/2013 09:45 | **Agenda topic** WP2 – Upgrading of BSc, MSc, PhD degree Programmes | **Presenter** Prof. Dilanthi Amaratunga

Discussion: Prof. Dilanthi Amaratunga together with prof. Richard Haigh prepared a presentation about WP2- Upgrading of BSc, MSc, PhD degree programmes. Prof. D. Amaratunga shortly described the project aim and objectives, project implementation. She presented the main tasks for the WP2, works carried out and reviewed the themes for BSc, MSc and PhD modules. Prof. D. Amaratunga presented the main tasks for partners at this meeting and after this meeting.

Conclusion: During this presentation the main tasks were discussed, partners agreed to make an analysis of market needs in every country and university separately.

Time allotted | 26/02/2013 10:45 | **Agenda topic** Themes in the BSc / specialists modules (programs) | **Presenter** Prof. Valery Beley

Discussion: Prof. Valery Beley proposed modules for BSc / specialists. The proposed modules are: “Electrical energy supply systems” and “Energy efficiency in engineering systems”. He also presented the literature for the modules. “Renewable Energy Sources” were proposed as a topic recommended for Bachelors and Masters modules (programs). Prof. V. Beley proposed a theme of modules (programs) for MSc students: “Strategic of power consumption in the regional electrical complexes”. For PhD students “Intelligent and biometric systems” were chosen.

Time allotted | 26/02/2013 11:15 | **Agenda topic** Market need analysis for built environment higher education | **Presenter** Prof. Arturas Kaklauskas

Discussion: Prof. A. Kaklauskas together with L. Bartkiene from VGTU and A. Safonov from MSIU prepared a presentation about Market need analysis for built environment higher education. Prof. A. Kaklauskas analyzed main knowledge and skills for construction specialists (project manager, project leader), their practical skills, intellectual skills and competences required. Several new subjects were proposed for teaching on the basis of literature review. Prof. A. Kaklauskas together with his colleagues made a market need analysis and reviewed the universities that offer study programmes promoting energetically and ecologically sustainable, affordable and healthy built environment.

Time allotted | 26/02/2013 13:30 | **Agenda topic** Presentation of MGSU | **Presenter** Mr. Andrey Benuzh

Discussion: Mr. Andrey Benuzh prepared a presentation of MGSU.

Time allotted | 26/02/2013 14:00 | **Agenda topic** Analysis of the European study modules demand in the field of educational services in Ukraine | **Presenter** Assoc. Prof. Volodymyr V. Prokopenko

Discussion: Assoc. Prof. Volodymyr V. Prokopenko prepared a presentation of study modules demand in NTUU "KPI". He prepared a list of modules proposed for the project. Assoc. Prof. V. V. Prokopenko together with A. V. Piatova presented the website of NTUU "KPI" with the information of CENEAST project.

Time allotted | 26/02/2013 14:45 | **Agenda topic** Study modules demand | **Presenter** Mr. Yury Ramanouski

Discussion: Mr. Yury Ramanouski from Yanka Kupala State University of Grodno proposed two new modules for the project: Building materials based on secondary products (4 ECTS credit) and Modern energy saving technologies in the construction (5 ECTS credit).

Time allotted | 26/02/2013 15:30 | **Agenda topic** WP2 Market need analysis for built environment higher education in Estonia | **Presenter** Prof. Irene Lill

Discussion: Prof. Irene Lill made an overview of Estonian built environment market. She described the main problems and solutions. Analysis of existing modules in Estonia was made. Prof. I. Lill proposed several themes for the new project modules.

General Conclusions: Until May 2013 all partners should prepare Market need analysis in every country and Partner institution. WP2 has to be done on June 2014.

For the 2nd project meeting 6 partners finished their Market need analysis:

- P1 Vilnius Gediminas Technical University together with P10 Moscow State Industrial University
- P3 University of Salford
- P4 Tallinn University of Technology
- P7 Moscow State University of Civil Engineering
- P11 National Technical University of Ukraine "Kyiv Polytechnic Institute"
- P12 National Technical University "Kharkiv Polytechnic Institute"

The Market need analysis has to be done by other partners until 5th of April 2013. All the results will be discussed via e-mail and during the next project meeting in Kyiv:

- P2 University of Bologna
- P5 Belarusian State Technological University

- P6 Yanka Kupala State University of Grodno
- P8 Saint-Petersburg State Polytechnical University
- P9 Kaliningrad State Technical University

Social Partners have to submit their own proposals for new study modules:

- P13 Network among Italian researchers and teachers on management
- P14 Association INFOBALT

All partners to complete the report on “Identification of the appropriate issues for cross institutional module sharing” (Template 1) by 30th March 2013.

Examination of programmes and modules taught in PC universities and identify in detail any outstanding incompatibility issues at the Kiev meeting in April 2013.

Initial themes for BSc, MSc and PhD modules to be decided at the Kiev meeting in April 2013.

Framework report for the common curricular to be completed by May 2013.

E-versions of surveys and charts are preferred. All prepared reports are uploaded to the Project Dropbox.

All partners could use one of two prepared templates:

- Template 2 in English, prepared by Salford University (see USAL and VGTU reports in the Project Dropbox)
- Template in Russian or English (see NTU “KhPI” or the Kyiv sample)

Workplan of Work Package 2:

WP Type	Deliverable / Activity Ref. N°	Activities (as indicated in the LFM)	Duration (weeks)	Month																																						
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36			
DEV	2.1.	The framework report for the common curricular			X	O	X	O	X	O	X	O	X																													
DEV	2.2.	Report on common grounds for teaching and learning							X	O	X	O	X																													
DEV	2.3.	Module specifications and teaching materials											X	O	X	O	X	O	X	O	X	O	X	O	X	O	X															

AGENDA TOPICS: 2ND MEETING DAY

4. WP3: Development and Exploitation of the Virtual Interuniversity Networked Educational Centre

Time allotted | 27/02/2013 09:00 | **Agenda topic** Deliverable 3.2: Development of a virtual research environment | **Presenter** Prof. Richard Haigh

Discussion: Prof. Richard Haigh together with Dilanthi Amaratunga prepared a presentation of development of a virtual research environment. They discussed key points raised at Bologna meeting regarding D3.2. and presented typical objectives of VRE, proposed development process and milestones.

Way forward: 1) Salford to design and conduct a survey with CEN-EAST partners to establish functional requirements. 2) Develop technical requirements based on functional requirements. 3) Present results in Kiev (April 2013).

Time allotted | 27/02/2013 09:30 | **Agenda topic** Presentation of SPbSPU | **Presenter** Dr. Elena Nikonchuk, Prof. Nikolay Vatin

Discussion: Dr. Elena Nikonchuk and Prof. Nikolay Vatin from St.Petersburg State Polytechnical University presented the university and its structure, proposed several modules and present articles disseminating information about CENEAST project.

Time allotted | 27/02/2013 10:00 | **Agenda topic** Possibility of participation in Development and Exploitation Virtual Interuniversity Network Education Centre | **Presenter** Assoc. Prof. Elena Zabolotnova

Discussion: Assoc. Prof. Elena Zabolotnova prepared a presentation of KSTU Possibility of participation in Development and Exploitation Virtual Interuniversity Network Education Centre (WP3). She presented KSTU library and its possibilities.

Time allotted | 27/02/2013 10:45 | **Agenda topic** National Technical University "Kharkiv Polytechnical Institute" | **Presenter** Assoc. Prof. Natalia Samoilenko

Discussion: Assoc. Prof. Natalia Samoilenko prepared a presentation of implementation of European credit modules in NTU "KhPI".

Time allotted | 27/02/2013 11:15 | **Agenda topic** SIMULIMPRESA in CEN EAST | **Presenter** Assoc. Prof. Laura Tampieri

Discussion: Assoc. Prof. Laura Tampieri prepared a presentation of SIMULIMPRESA in CEN EAST. She also proposed for all partners to continue this partnership in other new projects.

Time allotted | 27/02/2013 11:30 | **Agenda topic** WP-3 Development and Exploitation of the Virtual Interuniversity Networked Educational Centre | **Presenter** Andrey Benuzh

Discussion: Mr. Andrey Benuzh prepared a presentation about development and exploitation of the virtual interuniversity networked educational centre and presented a video.

General Conclusions: During the meeting open procedure issues were discussed. Project coordinator Vilnius Gediminas Technical University is preparing open procedure documents. The prepared documents has to be agreed by all partners until 29th of March 2013.

Workplan of Work Package 3:

WP Type	Deliverable / Activity Ref. N°	Activities (as indicated in the LFM)	Duration (weeks)	Month																																						
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36			
EXP	3.1.	Development of e-interuniversity networked system					X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X															
EXP	3.2.	Development of the virtual research environment									X	O	X	O	X	O	X	O	X	O	X	O																				
EXP	3.3.	Training, lecturing and guest visits																									O	O	O													
EXP	3.4.	Training of students																									X	X	X	X	X	X	X	X	X	X	X	X	X	X		

5. Project management issues

Time allotted | 27/02/2013 13:30 | Agenda topic Integration of EU projects | Presenter Prof. Arturas Kaklauskas

Discussion: Prof. Arturas Kaklauskas proposed to integrate different EU projects (LARGE, CENEAST) to achieve more efficient results.

Time allotted | 27/02/2013 14:30 | Agenda topic Presentation of Project website and Dropbox | Presenter Lina Zemeckyte

Discussion: Ms. Lina Zemeckyte presented the project website www.ceneast.com and the information collected in project Dropbox.

General Conclusions: Implementation of the project is progressing as scheduled.

Project Workplan:

WP Type	Deliverable / Activity Ref. N°	Activities (as indicated in the LFM)	Duration (weeks)	Month																																						
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36			
MNGT	1.1.	Development of communication infrastructure		O	X	O	X	O	X																																O	
MNGT	1.2.	Continual management and reporting				O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O
DEV	2.1.	The framework report for the common curricular				X	O	X	O	X	O	X																														
DEV	2.2.	Report on common grounds for teaching and learning							X	O	X	O	X																													
DEV	2.3.	Module specifications and teaching materials										X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O															
EXP	3.1.	Development of e-interuniversity networked system					X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O																
EXP	3.2.	Development of the virtual research environment									X	O	X	O	X	O	X	O																								
EXP	3.3.	Training, lecturing and guest visits																										O	O	O												
EXP	3.4.	Training of students																										X	X	X	X	X	X	X	X	X	X	X	X	X	X	
QPLN	4.1.	Report on internal CENEAST monitoring results				X	O	X	O	X	O	X	O	X	O	X	O	X	O																							
QPLN	4.2.	Report on external CENEAST monitoring results													X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O		
QPLN	4.3.	Analyses and recommendations																									X	O	X	O	X	O	X	O	X	O	X	O	X	O	O	
DISS	5.1.	Dissemination through branch organizations																													O	X	O	X	O	X	O	X	O	O		
DISS	5.2.	Dissemination through international conferences																													X	O	X	O	X	O	X	O	X	O		
DISS	5.3.	Dissemination through websites																													X	O	X	O	X	O	X	O	X	O		
DISS	5.4.	Printed dissemination material																																			X	O	X	O		

AGENDA TOPICS: 3RD MEETING DAY

6. Project management: host university

Time allotted | 28/02/2013 09:30 | Agenda topic Tallinn University of Technology | Presenter Prof. Roode Liias

Discussion: Prof. Roode Liias presented Campus of TUT, structure of the university, International co-operation, Activities for society, Cooperation with enterprises. He briefly described the Faculty of Civil Engineering.

7. WP4: Monitoring and Reporting of Results

Time allotted | 28/02/2013 10:30 | Agenda topic Monitoring and reporting of the results | Presenter Prof. Valery Beley

Discussion: Prof. Valery Beley made an overview of project WP4: Monitoring and Reporting of Results for CENEAST Project. He described the project activities, expected results, analyses and recommendations for project monitoring.

General Conclusions: Workplan of Work Package 4:

WP Type	Deliverable / Activity Ref. N°	Activities (as indicated in the LFM)	Duration (weeks)	Month																																			
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
QPLN	4.1.	Report on internal CENEAST monitoring results				X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O
QPLN	4.2.	Report on external CENEAST monitoring results													X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	X	O	
QPLN	4.3.	Analyses and recommendations																										X	O	X	O	X	O	X	O	X	O	X	O

8. WP5: Dissemination

Time allotted | 28/02/2013 11:00 | Agenda topic Project dissemination | Presenter Prof. Irene Lill

Discussion: Prof. Irene Lill discussed the Project dissemination issues.

Time allotted | 28/02/2013 11:30 | Agenda topic Dissemination in civil engineering | Presenter Prof. Roode Liias

Discussion Prof. Roode Liias made a broad overview of project dissemination in civil engineering.

General Conclusions: Implementation of WP5 should start on January 2015. But the first issues were already discussed during the 2nd project meeting.

Workplan of Work Package 5:

WP Type	Deliverable / Activity Ref. N°	Activities (as indicated in the LFM)	Duration (weeks)	Month																																				
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
DISS	5.1.	Dissemination through branch organizations																																						
DISS	5.2.	Dissemination through international conferences																																						
DISS	5.3.	Dissemination through websites																																						
DISS	5.4.	Printed dissemination material																																						

NEXT MEETINGS:

3rd Meeting: 22 – 24 April, Kyiv, Ukraine

4th Meeting: Begin of July, Kaliningrad, Russian Federation

5th Meeting: End of September, Saint-Petersburg, Russian Federation

ANNEX I: DISCUSSED MODULES

1	2	3	4	5
№	Name of the European credit module	Name of subjects and number of credits		Developers of educational and training programs
		Ukrainian language	Russian language	
<i>Kiev</i>				
1	Building Information Modelling (BIM) (BSc/ specialists/ MSc)	Комп'ютерно-математичне моделювання і проектування підземних споруд (8,5 ECTS)	Компьютерно-математическое моделирование и проектирование подземных сооружений (8,5 ECTS)	Зуевская Н.В. д.т.н., проф.
		Методи аналізу енергоефективності будівель (4,5 ECTS)	Методы анализа энергоэффективности зданий (4,5 ECTS)	Дешко В.И., д.т.н., проф. Северин Е.А.
2	Climate, architecture and energy saving (MSc)	Енергозбереження та енергоменеджмент за напрямками (5,5 ECTS)	Энергосбережение и энергоменеджмент (5,5 ECTS)	Стрелкова Г.Г., к.ф.-м.н., доц.
		Методи аналізу енергоефективності будівель (4,5 ECTS)	Методы анализа энергоэффективности зданий (4,5 ECTS)	Фаренюк Г. Г., д.т.н., проф., Дешко В.И., д.т.н., проф.
3	Construction materials for sustainable built environment (BSc/ specialists/ MSc)	Матеріалознавство та основи будівельної справи.. Матеріалознавство (4,5 ECTS)	Материаловедение и основы строительного дела. Материаловедение (4,5 ECTS)	Зуевская Н.В. д.т.н., проф.
4	Energy audit and for build environment life cycle (BSc/ specialists)	Енергетичний аудит (6 ECTS)	Энергетический аудит и энергоэффективность застр среды (6 ECTS)	Прокопенко В.В., к.т.н., доц. Чернявский А.В., к.т.н., доц. Закладной О.А., к.т.н., доц.

1	2	3	4	5
		Енергозбереження будівель та споруд (4 ECTS)	Энергосбережение зданий и сооружений (4 ECTS)	Шовкалюк М. М., к.т.н., доц.
		Методи аналізу енергоефективності будівель (4,5 ECTS)	Методы анализа энергоэффективности зданий (4,5 ECTS)	Фаренюк Г. Г., д.т.н., проф., Дешко В.И., д.т.н., проф.
5	Energy efficiency in engineering systems (BSc/ specialists)	Методи аналізу енергоефективності будівель (4,5 ECTS)	Методы анализа энергоэффективности зданий (4,5 ECTS)	Фаренюк Г. Г., д.т.н., проф., Дешко В.И., д.т.н., проф.
		Методи контролю ефективності енерговикористання (4,5 ECTS)	Методы контроля эффективности энергоиспользования (4,5 ECTS)	Находов В.Ф., к.т.н., доц.
		Інформація та комунікації на підприємстві (5 ECTS)	Информация и коммуникации на предприятии (5 ECTS)	Коцарь О.В., к.т.н., доц.
		Енергозбереження будівель та споруд (4 ECTS)	Энергосбережение зданий и сооружений (4 ECTS)	Шовкалюк М. М., к.т.н., доц. Суходуб И.О.
6	Energy efficiency in built environment (MSc)	Енергозбереження та енергоменеджмент за напрямками (5,5 ECTS)	Энергосбережение и энергоменеджмент (5,5 ECTS)	Стрелкова Г.Г., к.ф.-м.н., доц.
		Методи аналізу енергоефективності будівель (4,5 ECTS)	Методы анализа энергоэффективности зданий (4,5 ECTS)	Фаренюк Г. Г., д.т.н., проф., Сплавская В.А.
		Енергозбереження будівель та споруд	Энергосбережение зданий и сооружений	Шовкалюк М. М., к.т.н., доц.

1	2	3	4	5
		(4 ECTS)	(4 ECTS)	
7	Geographical Information Systems (GIS) (BSc/ specialists/ MSc)	<p>Геоінформаційні системи для гірничого виробництва (2 ECTS)</p> <p>Інформація та комунікації на підприємстві (5 ECTS)</p>	<p>Геоинформационные системы для горного производства (2 ECTS)</p> <p>Информация и коммуникации на предприятии (5 ECTS)</p>	<p>Кравец В.Г., д.т.н., проф..</p> <p>Коцарь О.В., к.т.н., доц.</p>
8	Environmental Quality, Human Health and the Built Environment (BSc/ specialists/ MSc)	Безпека життєдіяльності (1,5 ECTS)	Безопасность жизнедеятельности (1,5 ECTS)	Пятова А.В., к.соц.н, ст.преп.
9	Introduction to renewable energy (BSc/ specialists)	<p>Енергетичні системи та комплекси</p> <p>Нетрадиційні та відновлювані джерела енергії (4 ECTS)</p>	<p>Энергетические системы и комплексы</p> <p>Нетрадиционные и возобновляемые источники энергии (4 ECTS)</p>	<p>Дубровская В. В., к.т.н., доц.</p> <p>Бирюкова-Стефанюк М.Ю.</p>
10	Life cycle of the sustainable built environment (MSc)	Енергозбереження та енергоменеджменту напрямами (5,5 ECTS)	Энергосбережение и энергоменеджмент (5,5 ECTS)	Стрелкова Г.Г., к.ф.-м.н., доц.
11	Network analysis for local system (MSc)	Інформація та комунікації на підприємстві	Информация и коммуникации на предприятии	Коцарь О.В., к.т.н., доц.
12	Renewable energy applicable in construction and operation of buildings and structures (MSc)	<p>Енергетичні системи та комплекси</p> <p>3. Нетрадиційні та відновлювані джерела енергії (4 ECTS)</p>	<p>Энергетические системы и комплексы</p> <p>3. Нетрадиционные и возобновляемые источники энергии (4 ECTS)</p>	<p>Дубровская В. В., к.т.н., доц.</p> <p>Бирюкова-Стефанюк М.Ю.</p>
13	Sustainable renovation of houses (BSc/ specialists)	Реконструкція підземних підприємств (6 ECTS)	Реконструкция подземных предприятий (6 ECTS)	Зуевская Н.В. д.т.н., проф.

1	2	3	4	5
14	Technogenic problems in 21 st century (MSc)	Екологічна безпека (4,5 ECTS)	Екологическая безопасность (4,5 ECTS)	Вовк О.О., к.т.н., доц. Научу Н.В.
		Безпека життєдіяльності (1,5 ECTS)	Безопасность жизнедеятельности (1,5 ECTS)	Пятова А.В., к.соц.н, ст.преп.
		Цивільний захист (1 ECTS)	Гражданская защита (1 ECTS)	Пятова А.В., к.соц.н, , ст.преп.
15	The agencies of territorial and sustainable development governance (MSc)	Вступ до фаху (3 ECTS)	Введение в специальность (3 ECTS)	Вовк О.О., к.т.н., доц. Научу Н.В.
16	The ecology of the built environment (BSc/ specialists)	Техноекологія (4,5 ECTS)	Техноэкология (4,5 ECTS)	Вовк О.О., к.т.н., доц. Ткачук К.К., д.т.н., проф.
17	Intelligent and biometric systems (PhD)			Angela V.Piatova
<i>Minsk</i>				
18	Экономика отрасли			
19	Экономика недвижимости			
20	Оценка недвижимости и бизнеса			
21	Организация производственных процессов и управление предприятием			
22	Управление проектами и инвестициями			
23	Real Estate management (BSc/MSc/specialists/phd)	(8,5 ECTS)	(8,5 ECTS)	Nikolai Siniak, phd, Shavrov S.A., phd,
<i>Grodno</i>				

1	2	3	4	5
24	Ресурсосберегающие технологии в строительстве (MSc/specialists)			Safonchik D.I.,phd.
Kaliningrad				
25	Electrical energy supply systems (BSc/ specialists)		Электроснабжение	Beley Valeriy Full Prof., Nikishin Andrey, phd, as.prof.
26	Strategic of power consumption in the region electrical complexes msc		стратегическое управление электропотреблением в региональных электротехнических комплексах	Gnatic Victor, Full Prof.
Kharkiv				
27	The ecology of the built environment (BSc/ specialists/ MSc)	6,0 ECTS	6,0 ECTS	Shaporev V., Full Prof. Samoilenko N.,PhD,Ass.Prof.
28	Technogenic problems in 21st century BSc/specialists/MSc	4,0 ECTS	4,0 ECTS	Bairachnyi V.,PhD,Ass.Prof.
Moscow				
29	Smart build enviroment интеллектуальная хастроенная среда			
Vilnius				
30	Biometric and intelligent technologies			

ANNEX II: 2ND MEETING AGENDA

Tempus Project CEN-EAST: Reformation of the Curricula on Built Environment in the Eastern Neighbouring Area

2nd PROJECT MEETING

26-28 February 2013
Tallinn University of Technology

D R A F T A G E N D A

Time / Location	Content	Chairman/Speaker
Monday, February 25 , 2013		
Participants arrival in Tallinn and accommodation (preferable in Meriton Grand Conference and Spa hotel)		
Tuesday, February 26 , 2013		
<i>In: Meriton Grand Conference and Spa hotel, Tammsaare Hall – 7th floor</i>		
9.00 – 10.15	WP2: Upgrading of BSc, MSc, PhD degree programmes (the framework report for the common curricular) 15- 20 min/partner	USAL, All
10.15 – 10.45	<i>Coffee Break</i>	
10.45 – 12.15	WP2: Upgrading of BSc, MSc, PhD degree programmes (the framework report for the common curricular) 15 - 20 min/partner	USAL, All
12.15– 13.30	<i>Lunch Break</i>	
13.30 – 15.00	WP2: Upgrading of BSc, MSc, PhD degree programmes (discussion on common grounds for teaching and learning) 15 - 20 min/partner	USAL, All
15.00 – 15.30	<i>Coffee Break</i>	
15.30 – 17.00	WP 2 Upgrading of BSc, MSc, PhD degree programmes (discussion on common grounds for teaching and learning)	USAL, All
17.00 – 19.30	<i>Free time in the City</i>	
20.00	<i>Dinner</i>	

Wednesday, February 27 , 2013		
In: Meriton Grand Conference and Spa hotel, Tammsaare Hall – 7th floor		
09.00 – 10.15	WP 2 Upgrading of BSc, MSc, PhD degree programmes (discussion on common grounds for teaching and learning)	USAL, All
10.15 – 10.45	<i>Coffee Break</i>	
10.45 – 12.15	WP3: Development and Exploitation of the Virtual Interuniversity Networked Educational Centre: - development of e-interuniversity networked system; - open procedure: Intelligent library, intelligent tutoring and intelligent knowledge assessment systems	VG TU, USAL, All
12.15-13.30	<i>Lunch</i>	
13.30 – 15.00	WP3: Development and Exploitation of the Virtual Interuniversity Networked Educational Centre (open procedure: Intelligent library, intelligent tutoring and intelligent knowledge assessment systems)	VG TU, USAL, All
15.00 – 15.15	<i>Coffee Break</i>	
15.15 – 17.00	Integration of EU projects (CEN-EAST and LARGE)	TUT, VG TU
17.00 – 18.30	<i>Free time</i>	
19.00	<i>Dinner</i>	
Thursday, February 28 , 2013		
In: Tallinn University of Technology		
8.45	Bus departs from Meriton Grand Conference hotel and takes you to Tallinn University of Technology	
09.00 – 10.30	Discussion on Project “Reformation of the Curricula on Built Environment in the Eastern Neighbouring Area”	Prof. Roode Lias, Dean of Faculty of Civil Engineering
10.30 – 10.45	<i>Coffee Break</i>	
10.45 – 11.30	WP4: Monitoring and Reporting of Results	UNIBO, KSTU
11.30 – 12.15	WP5: Dissemination	TUT, BSTU
12.15 – 13.15	<i>Lunch</i>	
13.15 – 15.00	Administrative and Reporting Topics. Discussion and actions for the next meeting. General summing up. Closing of the meeting	VG TU, UNIBO, All
15.15	Bus departs from Tallinn University of Technology and takes you back to Meriton Grand Conference hotel	