

SESREMO

Kick-Off Meeting

27 – 28 January 2014

Berlin



Tempus

Technische Universität Berlin
Main building Room H 3005
Straße des 17. Juni 135
10623 Berlin

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SESREMO - Project Overview

Strengthening Education in Space-based REMOte sensing for monitoring of eco systems in Israel, Azerbaijan, Kazakhstan

SESREMO is a project within the framework of the TEMPUS programme*.

Budget size: €1. 114.000,-

The main aim of the project is to ensure that the targeted universities can offer two cycle programmes in space based remote sensing techniques to improve teaching in line with the new development in the area, the market demand and according to the Bologna process, last recommendations in Bucharest communiqué and best practice in order to bring the universities closer to the changing labour market and European education area.

The specific objectives are:

- to update the current curricula in the target area according to the Bologna requirements and new developments in the target area,
- to develop, implement and accredit new practice oriented and student-focus core and transferable curricula and modules,
- to bring the Higher Education Institutions of partner countries closer to the labour market.

According to the specific project objectives following curricula will be developed by EU universities and delivered to the target universities:

1. Development of 8 new core curricula:
 - Space tools for remote sensing incl. applied microelectronic,
 - Sensoric instruments/technology for Earth Observation,
 - Environmental Drought & Flood Monitoring & RS applications,
 - Principles & Applications of GIS and Remote Sensing,
 - Environmental quality monitoring and assessment,
 - Coastal processes and environmental management,
 - Preventive methods for coastal environmental protection,
 - Environmental Mathematic Modeling for wave dynamics.

* Tempus is the European Union's Programme which supports the modernisation of higher education in the Partner Countries of Eastern Europe, Central Asia, the Western Balkans and the Mediterranean region, mainly through university cooperation projects.

2. Four transferable curricula:

- Soft skills for engineers,
- Satellite Communications,
- Basics of technical creativity in engineering and TRIZ distance learning platform,
- Applications of GEONETCast for water and environment protection.

Conference Program

27.01.2014

- 09:45 – 10:15 Registration of the conference participants
- 10:15 – 10:30 Opening of the conference by managing director of department for aeronautics and astronautics at the Technische Universität Berlin, Coordinator of TEMPUS-SESREMO Project, Prof. Dr.-Ing. Klaus Brieß
- 10:30 – 10:45 Welcome of the conference participants by the vice president of the TUB, Professor Dr. Hans-Ulrich Heiß
- 10:45 – 11:15 Coffee break
- 11:15 – 12:00 Present and future of space technology at TU Berlin by Prof. Dr.-Ing. Klaus Brieß
- 12:00 – 12:30 Keynote speeches: representative of the Deutsche Technion-Gesellschaft e.V., Center for International Programs
- 12:30 - 13:30 Lunch offered by the coordinating institution
- 13:30 – 14:15 Presentation of European partners (info about the organisation, role in the project, academic content/curricula developed for the target universities)
- Presentation of project SESREMO by Dr. Sterenharz, Engineering, Consulting and Managemetn Office, DE
 - Tallinn University of Technology, EST
 - University of Twente, NL
- 14:15 – 16:30 Analysis and review of existing curricula in targer area at the target universities, presentation and proposal of updating the curricula in frames of SESREMO project
- National Aviation Academy, AZ
 - Sumgait State University, AZ
 - Baku State University, AZ
 - Tel-Aviv University, IL
 - Israel Institute of Technology, IL

- Jerusalem College of Engineering, IL
- Al-Farabi Kazakh National University, KZ
- L.N. Gumilev Eurasian National University, KZ
- Korkyt Ata Kyzylorda State University, KZ
- U. Sultangazin Space Research Institute, KZ

18:00 Dinner offered by coordinator

Location: Ivbergs Hotel Premium
Kleiststr. 9-12, 10787 Berlin

28.01.2014

10:00 – 12:00 Workshop on management of the grant (offered in two groups in english-H3005 and in russian-H2037) - detailed discussion of the project plan implementation, activities and expected project results:

- Organization of project trainings at EU universities and master-classes at target Universities
- Purchase and installation of Equipment
- Establishment of EMSO “ECO Monitoring Service Offices”
- Sustainability and dissemination strategy of the project
- Regulations for all budget headings expenditures
- Reporting on project activities and contract amendments
- Financial management of the grant

12:00 - 13:00 Lunch offered by the coordinating institution

13:30 – 14:30 Summary meeting: discussion and adoption of the working protocol to ensure the implementation of the project work plan; formation of the project member board, discussion of the venue and dates of the next project meeting.

- 14:30 – 15:00 Coffee break
- 15:00 – 16:00 Workshop on methodology of new curricula development: reviewing of the existing curricula and update/adoption of a developed curricula. European recommendations on Bologna process including ECTS.
- 16:00 – 18:00 Guided tour in Berlin
Language: English

SESREMO Consortium

- Technische Universität Berlin, Germany
- University of Twente, Netherlands
- Tallinn University of Technology, Estonia
- Engineering, Consulting and Management Office, Germany
- National Aviation Academy, Azerbaijan
- Sumgait State University, Azerbaijan
- Baku State University, Azerbaijan
- Tel-Aviv University, Israel
- Israel Institute of Technology, Israel
- Jerusalem College of Engineering, Israel
- Al-Farabi Kazakh National University, Kazakhstan
- L.N. Gumilev Eurasian National University, Kazakhstan
- Korkyt Ata Kyzylorda State University, Kazakhstan
- Centre for Remote Sensing and GIS «TERRA», Kazakhstan
- U. Sultangazin Space Research Institute, Kazakhstan
- EkoSfera "Social-Ecological Center" , Azerbaijan
- Ministry of Education & Science of the Republic of Kazakhstan
- Israeli Space Agency at Ministry of Science, Israel
- Ministry of Education of the Republic of Azerbaijan
- Ministry of Environmental Protection of Israel



List of Participants

	NAME, FIRST NAME	ORGANIZATION	COUNTRY
1.	Arno, van Lieshout	University of Twente	Netherlands
2.	Parodi, Gabriel Norberto	University of Twente	Netherlands
3.	Didenkulova, Ira	Tallinn University of Technology	Estonia
4.	Soomere, Tarmo	Tallinn University of Technology	Estonia
5.	Huseynov, Yadigar	Sumgait State University	Azerbaijan
6.	Sadigov, Ramiz	National Aviation Academy	Azerbaijan
7.	Omarov, Yashar	Baku State University	Azerbaijan
8.	Ramazanli, Nabi	Baku State University	Azerbaijan
9.	Kassymov, Umirzak	L.N. Gumilev Eurasian National University	Kazakhstan
10.	Taltenov, Abzal	L.N. Gumilev Eurasian National University	Kazakhstan
11.	Kenshinbay, Temirbolat	Korkyt Ata Kyzylorda State University	Kazakhstan
12.	Doszhanov, Maxut	Korkyt Ata Kyzylorda State University	Kazakhstan
13.	Kerimbay, Nurzhan	Al-Farabi Kazakh National University	Kazakhstan



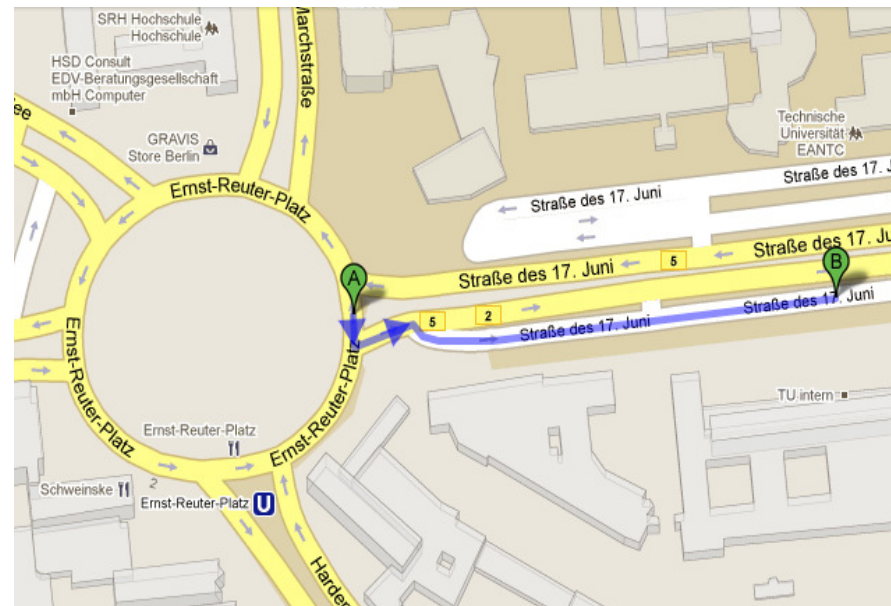
14.	Rakisheva, Zaure	Al-Farabi Kazakh National University	Kazakhstan
15.	Baktybekov, Kazbek	U. Sultangazin Space Research Institute	Kazakhstan
16.	Barokas, Jack	Tel Aviv University	Israel
17.	Shemer, Lev	Tel Aviv University	Israel
18.	Shaked, Uri	Azrieli, College of Engineering Jerusalem	Israel
19.	Shoshany, Maxim	Technion, Israel Institute of Technology	Israel
20.	Stern, Adina	Northwest-Europe Tel Aviv University	Germany/Israel
21.	Brieß, Klaus	Technische Universität Berlin	Germany
22.	Ermel, Harald	Technische Universität Berlin	Germany
23.	Eyngorn Elena	Technische Universität Berlin	Germany
24.	Ostroverkhov, Dmitriy	Technische Universität Berlin	Germany
25.	Bogdanov, Dmitriy	Technische Universität Berlin	Germany
26.	Sczesny, Ludmila	ECM Office	Germany
27.	Sterenharz, Arnold	ECM Office	Germany
28.	Nurtasinowa, Galina	Deutsch-Kasachische Gesellschaft e. V.	Germany
29.	Taskuzhina, Aigul	Ministerium für Bildung und Wissenschaft der Republik Kasachstan	Germany/Kazakhstan



		AG "Zentrum für internationale Programme"	
30.	Kanatkaliyev, Serikkali	Botschaft der Republik Kasachstan in der Bundesrepublik Deutschland	Germany
31.	Baihozhayeva, Gulmira	Center for International Programs, JSC, Ministry of Education and Science of the Republic of Kazakhstan	Kazakhstan
32.	Krüger-Jungnickel, Marianne	Deutsche Technion-Gesellschaft e.V.	Germany

Transfer from Hotel Ivbergs Messe to TU Berlin

Please take the underground U2 from the Theodor-Heuss-Platz in the direction Pankow and get off at Ernst-Reuter-Platz.
From there follow the instructions on the map below



Transfer from to Hotel Ivbergs Premium / Dinner

Please take the underground U2 from the Ernst-Reuter in the direction Pankow and get off at Nollendorfplatz.

From there follow the instructions on the map below

