

Practice oriented Master Programmes in Engineering in RU, UA, UZ

PROMENG

Conference

27 – 29 April 2011

Berlin

Interproject Coaching, 29.04.2011, TU-Berlin



European Commission
TEMPUS



Main goals

Four new generic curricula

- ✓ Applied informatics and digital data transmission systems
- ✓ CAD/CAM/CAE: Pro Engineer, ECAD electronic design ALTIUM
- ✓ Quality Engineering incl. ISO 9000 family
- ✓ Environmental Management and Engineering

New supporting infrastructure

- ✓ PC Pool for CAD/CAM/CAE & data transmission systems
- ✓ laboratory for Digital wireless data transmission

Five new modules

- ✓ Problem solving for Engineers- MTRIZ
- ✓ Modelling of production systems
- ✓ Re-Engineering
- ✓ Audit and certification according ISO
- ✓ Skills for Engineers

Project duration: 3 years

Network "ELM" offices (Engineers in Labor Market) with stakeholders support

www.promeng.eu

Welcome on the projects internet site!
 Information on the project, inclusive project activities, data base including the teaching staff for new curricula to download and much more...



The screenshot displays the website interface for the PROMENG project. On the left is a 'Main Menu' with links to Home, About PROMENG, Consortium, Project meetings (highlighted), Dissemination, Useful Information, Training materials, New curricula and modules, and Contact. Below this is a 'PROMENG Plus' section with links for About PROMENG Plus, Participants, and Documents.

The main content area features a 'Coordination meeting in TSTU' section, dated 30th March, 2011. It includes a photo of the meeting and a text description: 'The project Coordination Meeting "PROMENG" was held on Monday, the 30th March, 2011 in Tashkent, according to the working plan. The meeting was hosted by the Tashkent State Technical University, the Consortium partner institution. The meeting was attended by institutional representatives from Uzbekistan, Germany and Belgium. The coordination meeting was supported by the representative of the National TEMPUS Office in Uzbekistan. The list of participants is attached below.'

The list of participants is as follows:

Farron Mamatov, Vice Rector	Karshi Engineering-Economic Institute, Uzbekistan
Tulkin Sagdev, Dean of the Aviation Institute	Tashkent State Technical University, Uzbekistan
Dimiriy Bystrov, Head of the department of the international relations	Tashkent State Technical University, Uzbekistan
Zoir Shamsiev, professor - researcher of the Aviation Institute	Tashkent State Technical University, Uzbekistan

On the right side of the screenshot, the 'Project objectives' section is visible, including a 'Wider Objective' and 'Specific Project Objectives'. The 'Specific Project Objectives' list includes:

- To update the current curricula in Electrical Engineering (EE) according to Bologna requirements and the new developments in Engineering.
- To develop, implement and sustain new practice oriented curricula and modules for Engineering Programmes (EPs).
- To bring the Higher Education Institutions of EC closer to Labour market.

 Below the objectives, there is a 'PROMENG' logo and a list of participating countries: Germany, Belgium, Uzbekistan, and Ukraine.



European Commission
TEMPUS

„Curricula Reform in Space Technology in Kazakhstan, Russia, Ukraine“

JOINT PROJECT CURRICULUM DEVELOPMENT

financed by Tempus

CRIST
www.crist-kru.eu



MANECA

Erasmus Mundus

Mobility Academic Network
between **EU** and **Central Asia**

Cooperation and mobility in the area of higher education

Thematic fields

- Engineering and Technology
 - Business and Management Studies
 - Education and Teacher Training



European Commission
**ERASMUS
MUNDUS**

www.maneca-em.org





EUROPEAN COMMISSION
European Research Area

SEOCA

GEO capacity building initiative in Central Asia



www.geo-seoca.net





EUROPEAN COMMISSION
European Research Area



Methods and tools for dual access to the EO databases in the EU and Russia

www.medeo-eu-ru.org



Problem-oriented Processing and Database Creation for Ionosphere Exploration



EUROPEAN COMMISSION
European Research Area

POPDAT



The particular goals of the POPDAT Project are:

- Collection of datasets from different sources which concern the wave-like phenomena in the upper atmosphere and ionosphere to form input data field for further processing;
- Appropriate design of the flexible software tools for the search of wavelike and/or any other anomalous behaviors detected in the satellite datasets;
- Creation of thematic catalogues of ionosphere perturbations, which have known, supposed or unknown origin;
- Implementation of a Ionosphere Wave Service accessible to scientific communities and public users;
- Integration of Ionosphere Wave Service with ULISSE information system;
- Creation of Ionosphere Virtual Dynamic Observatory to assist educational activities;
- Dissemination and promotion of the Ionosphere Wave Service at topical conferences and in scientific and public press.

FP-7 Direction:

Activity 9.2: Strengthening Space Foundations.

Area 9.2.1: Research to support space science and exploration.

Sub-area – 9.2.1.3 Exploitation of space science and exploration data.



Thank you!



PROMENG

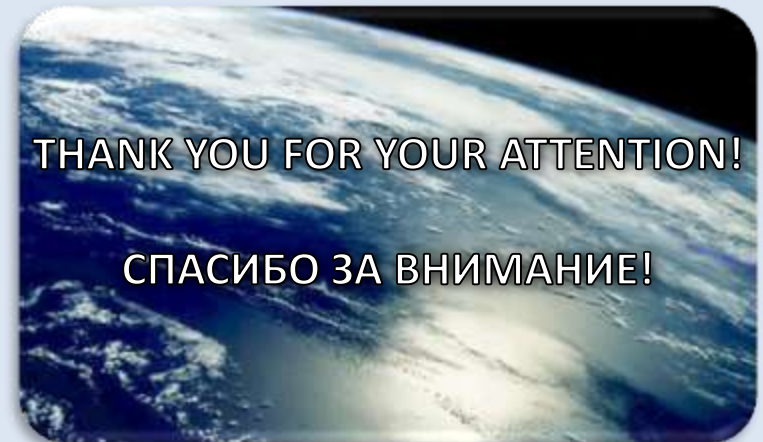
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Practice oriented Master Programmes in
Engineering in Russia, Ukraine, Uzbekistan

Joint Project Curricula Reform

www.promeng.eu

Flags of Germany, Belgium, Bulgaria, Russia, Ukraine, and Uzbekistan.



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