

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](http://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 the 'PROMENG Plus' section with links for About PROMENG Plus, Participants, and Documents.

The main content area features a 'Coordination meeting in TSTU' section. It includes a photo of the meeting and text stating: '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.'

Farron Mamatov, Vice Rector	Karshi Engineering-Economic Institute, Uzbekistan
Tulkin Sagdev, Dean of the Aviation Institute	Tashkent State Technical University, Uzbekistan
Dimitry 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, a 'Project objectives' section lists 'Wider Objective' and 'Specific Project Objectives'. The 'Specific Project Objectives' include: updating current curricula, developing and validating new practice-oriented curricula, and training higher education institutions. Below this is a 'PROMENG' banner with logos for Germany, Belgium, and Uzbekistan.



European Commission  
**TEMPUS**

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

JOINT PROJECT CURRICULUM DEVELOPMENT

financed by Tempus

**CRIST**  
[www.crist-kru.eu](http://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](http://www.maneca-em.org)





EUROPEAN COMMISSION  
European Research Area

# SEOCA

## GEO capacity building initiative in Central Asia



[www.geo-seoca.net](http://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**

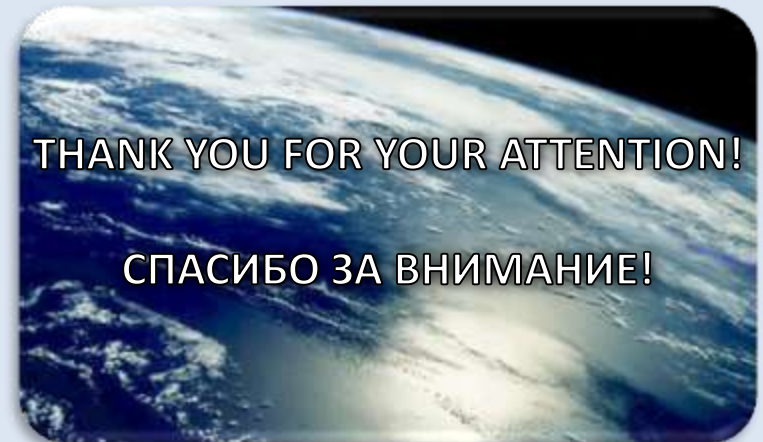
financed by Tempus

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

Joint Project Curricula Reform

[www.promeng.eu](http://www.promeng.eu)

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



**Contact :** Coordinator, TU Berlin:  
Prof. Klaus Brieß

Project Management, ECM Office:  
Dr. Arnold Sterenharz  
[arnold.sterenharz@ecm-office.de](mailto:arnold.sterenharz@ecm-office.de)