

Socio-economic aspects of the energy corridor linking the  
Caspian Region with EU

# The PROMITHEAS Network on Energy and Climate Policy

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# PROMITHEAS Aims

- Promotion of cooperation, with regard to energy and climate policy, among EU, BSEC and Central Asia scientific communities
- Knowledge and technology transfer and dissemination
- Contribution in regional economic development





# PROMITHEAS Network

- Initially funded by BSEC - PDF (6 partners)  
(from: Azerbaijan, Bulgaria, Hellas, Moldova, Romania and Ukraine)
- Currently consists of 10 partners  
(additional ones from: Albania, Armenia, Georgia and Serbia)
- Expected to include 7 additional partners  
(from: Kazakhstan, Kyrgyzstan, Russia, Tajikistan, Turkey, Turkmenistan and Uzbekistan)
- *Open to further expansion*





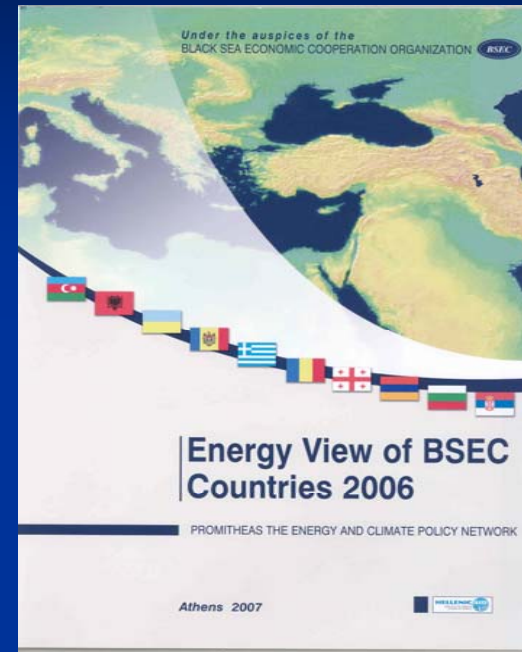
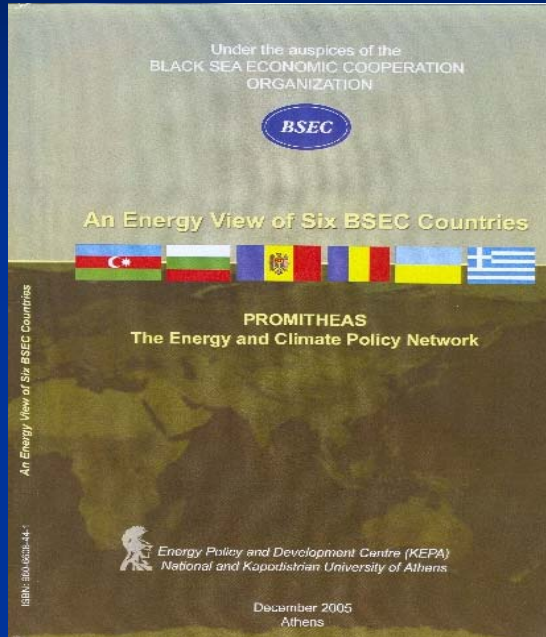
# PROMITHEAS Key Activities

- **“Energy View of BSEC countries”**  
Annual edition, under the auspices of BSEC
- **PROMITHEAS-2**  
“EU – BSEC Energy and Climate Policy Network”  
project, funded by EC (FP6)
- **PROMITHEAS -3**  
Proposal for network’s extension to Central Asia
- **Cooperation through FP7** in the broad region





# Energy View of BSEC Countries



- Presents annually updated data concerning the energy sector of the BSEC countries
- Reveals investment opportunities in the BSEC region
- Triggers regional energy synergies and trade transactions





# PROMITHEAS-2 Programme

## Overview

- Type: Specific Support Action
- Duration: Two years, (Sept. 2006 – Aug. 2008)
- The network partners:
  - KEPA (Hellas), GPOGC (Azerbaijan), BSREC (Bulgaria),  
IPE (Moldova), ISPE (Romania), ESEMI (Ukraine)
- Aim: Establish a network of research entities, focusing on energy and climate policy issues and mobilizing the trans-regional scientific potential





# PROMITHEAS-2 Programme

## Activities (1/2)

- BSEC workshop in Istanbul (April 20<sup>th</sup>, 2007)
- Three scientific workshops
  - Socio-economic aspects of the energy corridor linking the Caspian Region with EU (Baku – April 11<sup>th</sup>, 2007)
  - Electricity generation and emission trading in S.E. Europe (Sofia – September 2007)
  - Jl and CDM among the BSEC countries (Kiev – Autumn 2007)





# PROMITHEAS-2 Programme

## Activities (2/2)

- Dissemination of knowledge through
  - Web-site (Greek, English, Russian)  
([www.kepa.uoa.gr/PROMITHEAS2\\_index.htm](http://www.kepa.uoa.gr/PROMITHEAS2_index.htm))
  - Newsletter
  - Seminar (English, Russian)
  - Scientific journal (English, Russian) – awards
- Promotion of transregional cooperation
  - Ad hoc visits
  - Final Conference (Balkans, BSEC, Central Asia, Mediterranean)
  - New proposals on specific research topics







# PROMITHEAS-2 Programme

## Expected added value

- Establishment of a high level scientific potential  
(Groups of experts, article reviewers, seminar instructors, workshops speakers-participants)
- Knowledge dissemination beyond the network members  
(web site, newsletter, scientific edition, workshops, conference)
- Facilitation of cooperation with BSEC scientists  
Network expansion to BSEC, Caspian and Central Asia (BSEC, EU – ENP, Baku Initiative), S.E. Europe, Mediterranean, EU.
- Opportunities for young scientists and engineers  
(Awards, seminar, workshops, scholarships, international conference)
- Development of a long distance learning network at regional and transregional level





# PROMITHEAS-3 Proposal

- Call: FP7-INCO-1
- Aim: To coordinate networking and strategic partnership of EU, BSEC and Central Asia countries' scientific and research activities in the energy and climate policy areas
- Duration: 01/2009 – 01/2011
- Participants: 17 PROMITHEAS network partners
- Coordinating activities  
(Scientific workshops, S&T workshops, training seminars, scientific journal, regional publications, website & newsletter, regional conferences, ad hoc visits)





# Initiative for FP7 proposals (1/2)

- Launched in January 2007
- Promotion of proposals in energy, environment and food-agriculture-biotechnology to be included in future open calls of FP7
- List of interested institutes (available at PROMITHEAS website)
- Momentum for formation of consortia and preparation of proposals to be submitted when the respective calls open





# Initiative for FP7 proposals (2/2)

- Institutes interested for proposals on energy  
15 ones from Albania, Bulgaria, Hellas, Moldova, Romania, Russia, Turkey, Ukraine
- Institutes interested for proposals on environment  
21 ones from Azerbaijan, Bulgaria, Hellas, Kazakhstan, Russia, Romania, Turkey, Ukraine
- Institutes interested for proposals on food-agriculture-biotechnology  
30 ones from Albania, Armenia, Azerbaijan, Belgium, Bulgaria, Czech Republic, Georgia, Hellas, Kazakhstan, Montenegro, Moldova, Russia, Serbia, Slovakia, Turkey, Ukraine, United Kingdom





# Concluding

- We have succeeded in the implementation of declared BSEC and EU energy policies in the region
- We have initiated cooperation and partnership through BSEC and EU financing mechanisms
- We aim to expand and extend our activities with the aid of EU, other international organizations and private stakeholders
- We invite you to join us!





# Electricity generation and emission trading in S.E. Europe

- Developments, trends and structure of the BSEC electricity markets
- Perspectives of EU and BSEC electricity companies under the Energy Community treaty
- Definition of interactions and effects due to the companies participation in emission trading schemes





# JI and CDM among the BSEC countries

- Role of Kyoto mechanisms as climate policy instruments for Caspian and Black Sea countries
- Ways to overcome barriers, facilitate the implementation of instruments and attract investments from other Annex I countries and especially EU





# Topics of Seminar

- Energy Market Analysis
  - Phase I: Market analysis and forecast models
  - Phase II: Model application
- JI/CDM Projects
  - Phase I: Concepts, Project analysis (Initial considerations, Technical analysis, Baselines, Economic analysis, Financial analysis)
  - Phase II: Case study







# Description of Seminar

## ■ Procedure

- First phase: Preparation through an asynchronous e-class platform (start June 4<sup>th</sup>, 2007)
- Second phase: 3 – day seminar in Athens (October 2007)

## ■ Participants

- 50 at first phase
- 12 at second phase





# Description of Publication

- Title: “Euro-Asian Journal of Sustainable Energy Policy”
- Bilingual edition ( English, Russian)
- Two (2) issues
- Sixty four (64) pages each (32 in English, 32 in Russian)
- One thousand (1000) copies printed
- *Additional funds are necessary*





# Topics of Publication

- Energy supply and geopolitics
- Strategic energy planning
- Socio – economics of hydrocarbon reserves exploration
- Energy interconnections
- Regional Energy Market development
- Emerging hydrogen technologies
- Socio – economics of transcontinental energy corridors
- Implementation of Kyoto Protocol mechanisms
- Analysis and implementation of climate policy instruments
- RTD policies and socio–economics of new form of energy

