



ENERGY COOPERATION BETWEEN THE EU, THE LITTORAL STATES OF THE BLACK & CASPIAN SEAS AND THEIR NEIGHBOURING COUNTRIES  
СОТРУДНИЧЕСТВО В ЭНЕРГЕТИЧЕСКОЙ СФЕРЕ МЕЖДУ ЕВРОПЕЙСКИМ СОЮЗОМ, ПРИЧЕРНОМОРСКИМИ/ПРИКАСПИЙСКИМИ ГОСУДАРСТВАМИ И СОСЕДНИМИ С НИМИ СТРАНАМИ

INOGATE  
TECHNICAL ASSISTANCE PROJECTS  
SYNOPSSES

Energy Cooperation  
between the EU, the  
Littoral States of the  
Black & Caspian Seas and  
their Neighbouring  
Countries

Сотрудничество в  
энергетической сфере  
между Европейским  
Союзом,  
Причерноморскими и  
Прикаспийскими  
государствами, а также  
соседними с ними  
странами

**THE INOGATE PROGRAMME / ПРОГРАММА INOGATE**

[WWW.INOGATE.ORG](http://WWW.INOGATE.ORG)

## Contents

<b>Priority area 1: Convergence of energy markets .....</b>	<b>3</b>
<b>Priority area 2: Enhancing energy security .....</b>	<b>10</b>
<b>Priority area 3: Sustainable energy development .....</b>	<b>16</b>
<b>Priority area 4: Attracting investment .....</b>	<b>23</b>
<b>Cross-cutting .....</b>	<b>24</b>

## Priority area 1: Convergence of energy markets

Action Plan 2005

### Project Title

Harmonisation of gas and oil technical standards and practices in Eastern Europe and the Caucasus

Budget 2.930.500 €

Timescale 19 December 2007 – 20 August 2010

### Beneficiary Countries

Ukraine, Belarus, Moldova, Azerbaijan, Georgia, Armenia

### Main and specific objectives

#### Overall objective:

The project aims to support the countries' uptake of international standards, rules and practices for design, construction, manufacturing, testing, certification, accreditation, operation, storage and maintenance applied for all components of gas and oil production/transmission/storage

#### Specific objectives:

1. To achieve a common understanding on the rationale and need to jointly shift to international standards in both oil and gas sectors
2. To develop and adopt a strategy for the harmonisation of technical standards and practices in the gas and oil sectors beyond national policies
3. To identify a medium-term action plan for achieving harmonised technical standards and practices
4. To propose the set of legal measures to be initiated by the national authorities for the adoption of harmonised technical standards
5. To create awareness of EU standards, rules, certification and accreditation in the gas and oil sectors

### Expected results

- establishment and presentation of the Project
- creation of an inter-regional forum (organisation of inter-regional meetings) for harmonisation of technical standards and practices in the gas and oil sectors
- supporting the process of creating a common understanding on the rationale and need to jointly shift to international standards
- coordination of national efforts to adapt and improve technical standards and practices
- support the process of developing a strategy aiming at harmonising technical standards and practices
- support to preparation of medium-term national action plans
- supporting the process of developing legal measures for the adoption of harmonized technical standards
- supporting the process of increasing awareness of EU standards rules, certification and accreditation

#### Results achieved so far

- establishment and presentation of the project completed
- stakeholders in Partner Countries identified and co-operation established
- selection of relevant international gas and oil sector standards and directives completed for further processing with Project Partners
- standardisation, certification and accreditation and related legal framework in Partner Countries reviewed and variations from common international counterparts identified
- procedures for standards adoption analysed
- intellectual property rights related to obtaining, translation and distribution of international standards analysed and associated procedures for the project established
- extensive review of gas and oil industry (both state-owned and private, also international) interests performed
- contacts with European and international standards organisations, several technical committees, and other relevant international organisations established
- participation of Partner Countries in international standardisation, metrology and accreditation co-operation analysed
- translation contract with EASC signed and translation of standards started
- working groups activities in Countries started
- three inter-regional meetings organised
- two inter-regional training seminars organised
- other relevant Technical Assistance projects identified, co-operation established

#### Next 6 months activities

- promotion of harmonisation continued
- translation of selected standards and directives into Russian continued
- identification of legal, institutional and regulatory barriers to harmonisation of standards finished; identification of necessary reforms and modifications continued
- development of strategies and action plans for harmonisation finished
- 4th inter-regional meetings arranged
- two inter-regional training seminars arranged
- study tour to European standards bodies organised
- technical work on standards (analysis, training, translation, preparation for adoption) with working groups and other stakeholders

#### Contact point for further information:

Mr. Esa Nieminen

[esa.nieminen@sweco.fi](mailto:esa.nieminen@sweco.fi)

**Action Plan** 2007

**Project Title**

**Support to Energy Market Integration and Sustainable Energy in the NIS (SEMISE)**

**Budget** €5,670,000

**Timescale** 36 months (January 2009-January 2012)

**Beneficiary Countries**

Azerbaijan, Armenia, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Tajikistan, Turkmenistan, Ukraine and Uzbekistan.

**Main and specific objectives**

- Identifying the gaps and the obstacles impeding **progress towards regional energy market convergence** as well as ways of improving and accelerating the convergence process at regional and sub-regional levels, by contributing to supporting the development of stable and secure energy relationships between Partner Countries and between these and the EU);
- **Supporting energy investments**, notably by contributing to creating a more conducive business environment, helping in the development of regional energy infrastructure, establishing collaborative links with energy companies, lending institutions and representatives of the business sector, identifying project opportunities and making project preparation services available to financing institutions such as the EIB and the EBRD;
- **Promoting the development of sustainable energy policies** and assisting the Partner Countries in their implementation, with a particular focus on the promotion of demand-side management, energy efficiency in all pertinent sectors, renewable energies, and the mitigation of the negative impact of energy-related activities on the environment.

**Expected results**

- Progress towards **greater harmonisation of policies, legislations and regulatory practices** as well as energy investment frameworks in the Partner Countries and more generally, towards setting up of a more integrated energy market in the region;
- Steps forward in terms of **institutional strengthening, awareness-raising and capacity development** in key energy areas, including in regard to sustainability strategies, policy formulation, regulation and tariff setting, legislation drafting, energy efficiency development and energy auditing;
- **Facilitation of financing by the banking sector** (regional or local) or international institutions, of energy-related infrastructure projects initiated by the public sector, energy companies and/or private investors, with a particular emphasis on energy efficiency, energy conservation, renewable energy projects and infrastructure of common regional interest (whenever possible with the available budget resources), through a project preparation facility.

**Results achieved so far**

Comp. A

- **fact finding completed** (except UZ);
- **received 19 applications** for Ad-Hoc Expert Facilities from 8 PCs(not received TJ,TU,UZ,GE).
- **approved 3 projects for 1<sup>st</sup> round** (themes: tariffs for RES-under implementation; price setting for ancillary services – completed; connection of new customers to the grid – under implementation);
- **prepared 7 projects for 2<sup>nd</sup> round, TORs drafted** (themes: gas transmission tariffs; standardisation committee for gas industry; guidelines for small hydro plants; collection of payments for energy; Energy Exchange; losses in high voltage grid; IT platform for Energy System Operator).

Comp. B

- **fact finding completed** (except UZ);
- **approach for PPF approved**, potential beneficiaries identified;
- **dialog with IFIs initiated**, working meetings agreed;
- **promotion in TJ and KG completed.**

Comp. C

- **fact finding completed** (except UZ);
- **received 29 applications** for Ad-Hoc Expert Facilities from 8 PCs(not received TJ,TU,UZ);
- **approved 2 projects for 1<sup>st</sup> round** (themes: Covenant of Mayors -completed; establishment of Energy Efficiency Department-completed);
- **prepared 7 projects for 2<sup>nd</sup> round, TORs drafted** (themes: e.g. audit for small hydro power plants; wind energy potential; projection for GHG emission; ESCO; use of RES for heat purposes, industrial energy audit).

**Next 6 months activities**

Comp. A

- **5 AHEF projects of 2<sup>nd</sup> round** (see above) -under implementation;
- **training preparation-** completed; **training** – completed; **training report** – completed;
- **study tour** –under preparation;
- **2<sup>nd</sup> call for AHEF application** – launched;
- **2 local AHEF promotional events** –completed.

Comp. B

- **areas for cooperation with main IFIs (EBRD, EIB, KfW)** – agreed;
- **approx. 10 PPF projects** – formulated; **TORs for projects** – under preparation;
- **3 promotional events for PPF** – completed.

Comp. C

- **TORs for AHEF projects of 2<sup>nd</sup> round** (see above) –drafted and approved;
- **3 of 2<sup>nd</sup> round AHEF projects** – under implementation;
- **training preparation-** completed; **training** – completed;
- **participants for study tour** – selected; **study tour** – under preparation;
- **2<sup>nd</sup> call for AHEF application** – launched;
- **2 local AHEF promotional events** –completed.

**Contact point for further information:**

Mr. Jozef Herzl

[j.herzl@inogate.org](mailto:j.herzl@inogate.org)



**Action Plan** 2007

**Project Title**

**Capacity Building for Energy Regulators in Eastern Europe and Central Asia**

**Budget** €330,000

**Timescale** 18 month, Commencement date: January 19, 2009

**Beneficiary Countries**

Partner Countries of the INOGATE Programme: Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Tajikistan, Turkmenistan, Ukraine and Uzbekistan

**Main and specific objectives**

This project is to promote and advocate good and sound energy regulatory practices in the Partner Countries of the INOGATE Programme and to harmonise energy regulatory practices among them. The project will allow the transfer of EU best practices and the strengthening of cooperation among the countries involved.

Furthermore, the project will aim to educate relevant ministerial level decision makers of these countries about the purposes and benefits of an independent energy regulatory organisation.

- Facilitate information exchange and transfer of best practices primarily among the energy regulators of the beneficiary countries and their peers from the relevant ministry departments
- Develop technical capacities, strengthen understanding of regulatory procedures and techniques of regulatory authorities' staff and relevant ministry staff
- Assist beneficiary countries in establishing independent energy regulatory organisations
- Reach out to other stakeholders involved in the energy sector such as consumer advocacy groups, other related governmental organisations such as competition and antitrust bodies, research organisations, specialised academic institutions and press/media representatives covering energy related issues.

**Expected results**

- Creation of a network for information exchange and assistance among the energy regulators of the beneficiary countries with the aim of helping governments to improve the overall consistency of their energy policies and to better integrate regulatory tools into sectoral strategies and policies.
- Transfer of information and best practices among the participating energy regulators and ministry representatives with the aim of establishing a common regulatory environment and common understanding of regulatory and market issues and practices, based on EU principles.
- Improve organisational performance including better tariff practices consistent with international methods and harmonised among the beneficiary countries..
- Support beneficiary countries in carrying out their regulatory reforms and improving their regulatory responsibilities.
- Support beneficiary countries in establishing independent regulatory bodies.
- Educate secondary target groups (consumer advocacy groups, research and academic institutions, press/media representatives) about the importance of independent energy regulation.

**Results achieved so far**

The project contributed to the creation of a network of information exchange and assistance among the energy regulators of the beneficiary countries. The network now includes some energy regulators from the European Union member countries who served as moderators and lecturers of the implemented project programmes.

The project allowed for an efficient transfer of information and best practices between the regulators, ministry representatives of the Partner Countries and the regulators representing the European Union member countries. The programmes implemented represented a well-balanced scheme of theoretical and

practical, hands-on regulatory information.

The project assisted regulators and ministry representatives of the Partner Countries in the better understanding of EU's energy market and energy regulatory principles and practices through the experience of new member states of the European Union.

**Programmes realised so far:**

1. May 13-15, 2009 Kiev, Ukraine  
1<sup>st</sup> Technical Exchange Programme for Energy Regulators
2. October 26-27, 2009, Chisinau, Moldova  
Peer review activity of the National Energy Regulatory Authority of Moldova
3. November 4-6, 2009, Budapest, Hungary  
Training Course: Energy Regulation in Transition Economies
4. November 30-December 1, 2009, Kutaisi, Georgia  
Peer review activity of Georgian National Energy and Water Regulatory Commission
5. March 1-3, 2010, Riga (Latvia) and Vilnius (Lithuania)  
2<sup>nd</sup> Technical Exchange Programme for Energy Regulators

**Next 6 months activities**

**1. May 2010:**

Finalisation and publication of the Peer review report of the Georgian National Energy and Water Supply Regulatory Commission (GNERC)

**2. June 14-16, 2010**

**Istanbul, Turkey**

**Training Course: Introduction to the Regulation of Electricity Markets**

The prime objective of the programme is to provide a thorough introduction to the most important economic issues surrounding the creation and successful operation of electricity markets and their regulatory implications. The themes of the programme cover demand and supply of electricity, design of various market structures and the role of the electricity network in a competitive environment on the basis of the EU internal energy market principles and taking into account the particularities of the Partner Countries.

**Proposed scope of participants from the Inogate Partner Countries:**

Practising regulators, possibly involved in regulatory issues related to electricity markets and their peers from the relevant department of the ministries. Each Partner Country will be invited to delegate maximum 2 participants.

**Contact point for further information:**

Mrs. Krisztina Kasza

[Krisztina.Kasza@erranet.org](mailto:Krisztina.Kasza@erranet.org)



**Action Plan**

2006

**Project Title**

**Harmonisation of Electricity Standards**

**Budget**

€ 1.482.500

**Timescale**

18 months (16/9/2009 - 15/03/2011)

**Beneficiary Countries**

Azerbaijan, Armenia, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Tajikistan, Turkmenistan, Ukraine and Uzbekistan

**Objectives**

The overall objective of the project is to contribute to improving prospects for energy market integration within the region and with the EU.

The purpose of this project is that measurable progress is achieved in the harmonisation of the NIS electricity sector equipment standards with international standards.

**Expected results**

The planned project results are the following:

- Coordination Group on the Harmonisation of Electricity Standards established and meeting organised
- Harmonisation proposals for at least one, or possibly two, major equipment standards approved and implementation started
- Handbook with step-by-step guidance on the harmonisation process developed
- Overall strategy with short-, medium-, and long-term action plans for the harmonisation of equipment standards in the electricity sector proposed
- Communication strategy developed and implemented

**Results achieved so far**

The following results have been achieved so far:

- information about the Project among Partner Countries disseminated during country visits;
- stakeholders in Partner Countries identified;
- relevance of the UCTE-IPS/UPS Feasibility Study to the Project analysed;
- Communication Expert hired;
- communication strategy developed and implementation started;
- Country Assistants hired;
- preparing of Country Reports identifying the current status and possible priorities for harmonisation of legislation and standards started;
- Coordination group meeting organised in Kiev, Ukraine on April 26, 2010.

**Next 6 months activities**

During the next six months the following activities will be conducted:

- Training seminar "European and International methodologies for harmonisation of high- and low-voltage standards for the electric sector": June 23-25, 2010 in Yerevan, Armenia and June 28-30, 2010 in Tashkent, Uzbekistan;
- Training seminar on "European methodology for the harmonisation of high- and low-voltage technical regulations for the electricity sector": September 8-10, 2010 in Minsk, Belarus and September 13-15, in Baku, Azerbaijan;
- Sample list of standards to be harmonised identified;
- Study visit organised in October 2010.

**Contact point for further information:**

Mr. Jean-Claude Gourdon  
Help desk of the Kiev Office

[jc.gourdon@gmail.com](mailto:jc.gourdon@gmail.com)  
[Inogate.harmonisation@yahoo.com](mailto:Inogate.harmonisation@yahoo.com)

## Priority area 2: Enhancing energy security

**Action Plan** 2005

**Project Title**

**Safety and Security of main gas transit infrastructure in Eastern Europe and the Caucasus**

**Budget** 999.990 €

**Timescale** 14.12.2007 - 14.12. 2009, extended to 30.04.2010

**Beneficiary Countries**

Armenia, Azerbaijan, Belarus, Georgia, Moldova and Ukraine.

**Main and specific objectives**

### Main Objective:

The overall objective of the project is to improve the security of gas supply to (and in) the beneficiary countries (Caucasus, Eastern NIS countries) as well as to the EU through the implementation of automated security, safety and maintenance systems for gas transit and internal network lines and to increase industry and government involvement in security of infrastructure

### Specific objectives:

1. To analyse and validate the main causes of supply disruption on main transit lines, including the annual number of incidents and accidents per segment and provide a base estimate of total gas vented by country;
2. Implement general and specific computerised intervention, maintenance and monitoring schemes, highlighting priority areas;
3. Establish an effective management pilot system ("excellence system") addressing gas pipeline operational technical management, including line safety and creation of a control centre, replicable elsewhere;
4. Provide training of key beneficiary personnel on one or more pipeline segments of an "excellence system", encompassing also infrastructure interoperability protocols and sharing

**Expected results**

- Optimisation of the efficiency of the beneficiaries' management systems for their main gas transit lines. Such a management system should provide for workable and effective procedures in monitoring, intervention and infrastructure maintenance.
- Correct assessment of network and trunk line causes of service disruption.
- Identification of and intervention in priority emergency areas.
- Training of key beneficiary personnel on state-of-the-art infrastructure, management and surveillance systems, including study visits if necessary.
- Proposals for further necessary equipment and training needs.
- In cooperation with the supply contractor, establishment of an integrated operating pilot system, addressing especially gas pipeline operational and technical management, including line safety. The system must interface with a pilot surveillance installation on at least one pipeline segment, which must communicate with the main system back at the control centre. It must be replicable on a country and regional basis and be able to address contingency measures as well as routine maintenance and scheduling of operations.

**Results achieved so far**

Management Systems and Pilot Excellence System

- Assistance to the EC in selection of the Host country for the Pilot Excellence System

- Review of the initial technical specification for the Pilot Excellence System;
- Finalization of the Technical Specification in close collaboration with the Recipient in the Host Country<sup>1</sup>;
- Assistance to the EC in implementation of the Tender Procedure (Clarification meeting, preparation of answers to the bidders' questions)<sup>1</sup>;
- Review of the potential suppliers of the Security Surveillance Systems and IT for the Pipeline Integrity Management Systems;
- Support to implementation of Pilot Excellence System (integration, supply, installation, training);
- Collection and analysis of information of existing pipeline safety and security systems in the Beneficiary countries;
- Review and analysis of the safety and security systems available on the European market and introduced by the European gas infrastructure operators

Gas losses

- Collection and analysis of information of gas losses, incidents, accidents, outages of gas transit pipelines;
- Identification and implementation of emergency actions to reduce losses in the Beneficiary countries;
- Preparation of the list of necessary equipment for detection of methane emission and respective training plan;

Training

- Organisation of general training on safety and security systems, gas losses including 2 study tours and 3 Inter Regional Seminars

**Next 6 months activities**

Not applicable

**Contact point for further information:**

Mrs. Anna Minakova

[anna.minakova@sweco.fi](mailto:anna.minakova@sweco.fi)

<sup>1</sup> Supply for safety and security of main gas transit infrastructure in Eastern Europe and the Caucasus, budget 738.600 €

**Action Plan** 2005

**Project Title**
**Validation, Certification and Subsequent Commercialisation of the Eastern Europe Regional Centre for Gas Metrology in Boyarka, Ukraine**
**Budget** € 999.990,00

**Timescale** 1 August 2008 – 31 December 2010

**Beneficiary Countries**

Ukraine, Belarus, Moldova

**Main and specific objectives**

1. International traceable certification as well as national certification of instruments, and preparation of the Boyarka Metrology Centre for laboratory accreditation (Component 1)
2. Commercialisation of the Centre's services, in particular through elaboration of a business plan for its commercial operation and the organisation of presentational and promotional activities to all the relevant international and national stakeholders (Component 2)

**Expected results**

1. The instruments of the Boyarka Metrology Centre are certified and the technical procedures are validated for the international accreditation in compliance with EU/international standards, as well as the national regulations (Component 1)
2. Training of the laboratory staff into the various measurement and calibration techniques and quality management system.
3. The Boyarka Metrology Centre is prepared for EU/international accreditation in relation to preparation and putting in operation of a quality management system according to ISO/IEC 17025 (Component 1)
4. The Gas Metrology Centre in Boyarka is given the regional dimension through all necessary activities related to its commercialisation (Component 2)

**Results achieved so far**

The project activities were focused on the following aspects:

- Preparation of the tender dossier for the equipment supply tender.  
The project experts studied the current situation at the BMC in relation to all aspects of the project implementation (identification of missing equipment, status of laboratories and the quality management system, commercialisation and promotion activities, training needs analysis, etc.). The technical specification for a supply tender was prepared. An agreement was reached between the Contractor VSL and Beneficiary Naftogaz about the list of missing equipment. The EC Delegation starts negotiations with the supplier Unit Export Limited. The supplier contract was signed end July 2009. An equipment delivery schedule was developed.
- Training in the quality management system. Several trainings in the development of a Quality Management System have been elaborated. The project assists in elaboration of quality documents to be written by the laboratory staff.
- Training in calibration and measurement. The project has provided several trainings and workshops related to the various measurement and calibration techniques and uncertainty analysis. These trainings were held at the premises of the Boyarka Metrological Centre. Moreover a study tour was organized for the BMC laboratory staff to the calibration laboratories of VSL, Delft and the NMI calibration facilities in Bergum, Westerbork, and Rotterdam (Euroloop).
- The study of the requirements of the potential clients of the Boyarka Metrology Centre. The BMC has provided feedback on the study of potential clients for Ukraine, Moldova, Belarus and Kazakhstan, where the Centre express its need to extend the study by Russia. Consequently, the review of the Russian market has started.
- Promotion of the Boyarka Metrology Centre. The promotion and dissemination activities were focused on the development of design of BMC web-site.

**Next 6 months activities**

The main activities for the next six months are:

- The project will supervise the delivery, installation, testing, commissioning of the equipment that starts just after the arrival of the goods in Boyarka. The first goods will arrive in April 2010.
- The project will supervise the development of a quality system to be set up and written by the BMC laboratory staff. In June 2010 a last workshop will be held on this matter
- Technical trainings on measurement and calibration are almost finished. An advanced training on Gas Flow Metrology will be held in April 2010
- The preparation of the laboratories for accreditation will start after successful installation and commissioning of the equipment. The first activities will start in June 2010. It is expected that the laboratories of pressure, temperature, humidity, and chemistry will be validated and certified in the next six months.
- The study of the potential clients of the BMC will be finalised and the business plan of the BMC will be elaborated. In parallel, remaining promotional and dissemination activities to promote commercial activities of the Centre, such as the preparation of the newsletter, will take place. The newsletter will be issued and distributed electronically to all its relations, (potential) cooperation partners, customers and will inform them on latest developments of the Centre.

**Contact point for further information:**

Mr. A.J.M. Herwijn

[aherwijn@vsl.nl](mailto:aherwijn@vsl.nl)

**Action Plan** 2006

**Project Title**  
**Feasibility Studies for expanding the Boyarka Gas Metrology Centre to Include oil, oil products, liquefied gas metrology, leakage (satellite) monitoring, optimization and control of hydrocarbons transit flows and to offer training facilities, Kyiv region, Ukraine**

**Budget** EUR 1.500.000

**Timescale** 24 months + 6 months extension (8/2009 – 01/2012)

**Beneficiary Countries**  
 Belarus, Moldova and Ukraine

**Objectives**

**OVERALL OBJECTIVE**  
 Expanding the Eastern Europe Regional Natural Gas Metrology Centre in Boyarka to include:

- a) oil, oil products, liquefied gas metrology
- b) (satellite) monitoring,
- c) optimization and control of gas and other hydrocarbons transit flows
- d) training facilities on the oil and gas metrology excellence

**PROJECT PURPOSES**

1. Assessment of commercial, technical and environmental aspects of expanding of BMC for new services
2. Support the development of an international training centre for gas and oil metrology excellence

**Expected results**

**Result 1(achieved) :** Comprehensive analysis of the existing EU best practice in (a) oil, oil products, liquefied gas metrology, (b) (satellite) monitoring, (c) optimization and control of gas and other hydrocarbons transit flows and (d) training facilities on the oil and gas metrology excellence;

**Result 2:** Completed economic, financial, engineering and environmental studies on extension of the Eastern Europe Regional Natural Gas Metrology Centre to provide new services;

**Result 3:** Reliable business plan demonstrating the commercial value of extension the Natural Gas Metrology Centre to include (a) oil, oil products, liquefied gas metrology; (b) (satellite) monitoring; (c) optimization and control of gas and other hydrocarbons transit flows; (d) to offer training facilities;

**Result 4:** Completed marketing program for the extension of the Natural Gas Metrology Centre to include (a) oil, oil products, liquefied gas metrology; (b) (satellite) monitoring; (c) optimization and control of gas and other hydrocarbons transit flows; (d) to offer training facilities;

**Result 5:** An operational training centre with course of materials prepared and trainers certified.

**Results achieved so far**

**Activities implemented:**

**Component 1: Overall project management and coordination**

- Project team mobilization and accommodation
- Kick-off-meeting with Beneficiary
- Coordination with other relevant projects
- Inception Report issue
- 1st Steering Committee meeting
- Technical Working Groups (TGW) establishment, including Consultant and Beneficiary representatives
- 1<sup>st</sup> Interim Report issue
- 2<sup>nd</sup> Steering Committee meeting (Inception Report and 1<sup>st</sup> Interim Report were approved)

**Component 2: Comprehensive Feasibility Studies**

**Activity 2.1. Project Preparation :**

- Development and submission of Project Preparation Report (technical) covering:



1. Current situation in the BMC review.
2. Analysis of the EU best practices:
  - (a) Oil, Oil products, Liquefied Gas Metrology
  - (b) Leakage (Satellite) Monitoring
  - (c) Optimization and Control of Hydrocarbons Transit Flows
  - (d) Training Facilities
3. Recommendations for BMC`s new services development

**Planned results achieved:**

**Result 1 (from 5 results):** Comprehensive analysis of the existing EU best practice in (a) oil, oil products, liquefied gas metrology, (b) (satellite) monitoring, (c) optimization and control of gas and other hydrocarbons transit flows and (d) training facilities on the oil and gas metrology excellence. Report submitted in February 2010 to Beneficiary/EUD.

**Next 6 months activities**

**Component 1: Overall project management and coordination**

- Coordination with other relevant projects
- 3<sup>rd</sup> Steering Committee meeting
- Technical Working Groups (TGW) meetings on as needed basis
- Study tour for Beneficiary on the best experience in liquid hydrocarbons metrology practices, preliminary May-June 2010.
- 2nd Interim Report issue in August 2010
- 4th Steering Committee meeting

**Component 2: Comprehensive Feasibility Studies**

**Activity 2.1. Project Preparation**

- Discussion of findings and recommendations of issued Project Preparation Report (technical) in TGW meetings – April 2010
- Beneficiary decision on recommendations made for new services development, to be investigated in Feasibility Study, and approval – May 2010

**Activity 2.2: Feasibility study**

- Start of studies`s technical part development: basic technical solutions and characteristics, designs, schemes, general layouts, specifications for the buildings, devices, technical equipment, laboratories, etc., required for new services (May - September 2010)

**Contact point for further information:**

Mr. Arie van Delft  
Ms. Valeriya Ruda

[a.vandelft@tebodin.nl](mailto:a.vandelft@tebodin.nl) & [aat.vandelft@hotmail.com](mailto:aat.vandelft@hotmail.com)  
[v.ruda@tebodin.kiev.ua](mailto:v.ruda@tebodin.kiev.ua)

## Priority area 3: Sustainable energy development

<b>Action Plan</b>	2006
<b>Project Title</b>	<b>Enhancement of environmental protection measures in the oil/gas industry of Central Asia</b>
<b>Budget</b>	€2,650,000
<b>Project duration</b>	24 months (12/08-12/10)
<b>Beneficiary Countries</b>	Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan
<b>Objectives</b>	<p>The overall objective of the project is to improve the capacity of Central Asian countries to access European markets for oil and gas, promoting increased efficiency and environmental protection of the gas/oil networks and also to enhance environmental protection measures in the energy sector in Central Asian countries.</p> <p>The specific objective of the project is to reduce the environmental impact of activities within the oil &amp; gas sector through promotion of appropriate changes in the relevant environmental legislations and implementation of sustainable environmental improvement projects within beneficiary countries.</p>
<b>Expected Results</b>	<ul style="list-style-type: none"> <li>▶ Appropriate environmental legislation related to the energy sector introduced by: <ul style="list-style-type: none"> <li>a. developing and adopting a common strategy for environmental standards and practices in the oil/gas sector both on a national and regional level</li> <li>b. defining a legislative/regulatory framework for the adoption of environmental standards and practices in the oil/gas industry</li> <li>c. Implementing information activities to create awareness among the oil/gas industry players on international environmental standards and mechanisms applicable to the oil/gas sector</li> </ul> </li> <li>▶ To demonstrate the environmental and economic benefits of introducing environmental protection measures in the oil/gas industry by: <ul style="list-style-type: none"> <li>a. preparing a short/medium term action plan for the introduction of identified environmental protection measures</li> <li>b. preparing feasibility studies for a number of specific environmental projects for the oil/gas industry that could apply for IFI investment, stimulating the application of environmental support mechanisms such as the Clean Development Mechanism of the Kyoto Protocol</li> </ul> </li> <li>▶ To provide direct support to environmental demonstration projects that support the introduction of specific environmental protection measures</li> </ul>
<b>Results achieved so far</b>	<p>1-2.KAZ.1 Uniform rules for development of oil and gas deposits (Item 3 Article 16 of the Draft Law "On Subsoil and Subsoil Use").</p> <p>1-2.KAZ.2 Rules for design and approval of projects for development of deposits for oil and gas production (Article 82, Draft Law "On Subsoil and Subsoil Use").</p> <p>1-2.KAZ.3 National Plan on prevention of and reaction to oil-spills and contamination of sea and coastal zones ("National Plan").</p> <p>1-2.KAZ.4 Recommendations for improvement of methodological and regulatory documents related to accounting of green house gases (GHG) emissions.</p> <p>1-2.KAZ.5 Recommendations for accounting of GHG emissions and absorption (on the basis of the international standard ISO 14064).</p> <p>1-2.KGZ.1 Provision of recommendations based on the European approach regarding proposed changes to Kyrgyz legislation related to environmental protection in the oil and gas industry.</p> <p>1-2.TJK.1 Technical regulation on safety of manufacturing processes and gas supply systems</p> <p>1-2.TJK.2 Methodology for measurement of gas consumption for technological needs of gas enterprises and assessment of losses in the gas-distribution systems</p> <p>1-2.TJK.3 Methodology for calculation of tariffs for gas transportation services in gas main pipelines</p> <p>1-2.TJK.4 Methodological guidelines on inspection of organisations carrying out current thorough repairs and reconstruction of oil and gas wells.</p> <p>Recommendations on implementation and promotion of CDM and access to carbon credits market.</p>

1-2.TKM.1 Programme of improvement of legislation in Turkmenistan in the area of environmental protection in oil and gas industry.

1-3.All.1 Seminar on the foundations of the European environmental legislation (in Kazakhstan, Kyrgyzstan and Uzbekistan as planned).

1-3.TJK Seminar on ISO 14000 series (environmental management systems) in Tajikistan.

1-3.UZB.1 Seminar "Technical requirements to carbohydrate fuels in the EU countries"

1-3.UZB.2 Seminar "Environmental protection requirements to oil and gas industry"

1-3.UZB.3 Seminar "Legislative acts of the EU countries on use of alternative clean fuels, Energy management and Energy efficiency".

3-2.KAZ.1 Assessment of applicability of the biogeochemical indexation method for evaluation of the status of environment in order to prevent and stop emergencies.

3-2.KAZ.3 Develop recommendations on improvement of the GHG emission regulation and GHG allowances distribution for new installations in Kazakhstan taking into account the relevant experience of the European Trading System.

4. Assistance to the European Commission's Delegation to prepare technical specifications for equipment which can be used to improve environmental protection and the tender dossier.

#### Next 6 months activities

1-1. Assessment of correspondence of environmental legislation in Central Asian countries and the EU

1-3.UZB.4 Seminar "Clean production technology in the oil and gas industry"

1-3.UZB.5 Seminar "Principles and rules of environmental standardisation, licensing, ecological expertise"

1-3.ALL.2 Study visits to EU countries in July and September 2010.

2-3.ALL Dissemination of information about the Project and raising awareness of targeted audience on environmental protection in the oil and gas sector at conferences and seminars. Participation in:

- VIII International Atyrau Legal Conference "Current Issues and Analysis of Practical Application of Laws to the Oil and Gas Industry in the Republic of Kazakhstan" to be held on 9<sup>th</sup> April 2010 in Atyrau, Kazakhstan.
- The 14<sup>th</sup> Uzbekistan International Oil & Gas Exhibition and Conference, OGU 2010, to be held on 11-13 May 2010 in Tashkent, Uzbekistan.
- 18<sup>th</sup> Kazakhstan International Oil and Gas Exhibition & Conference to be held on 5 – 8 October 2010 in Almaty, Kazakhstan.
- 15<sup>th</sup> Anniversary Turkmenistan International Oil and Gas Exhibition & Conference to be held on 16-18 November 2010 in Ashgabad, Turkmenistan

3-1.KAZ.1 Development of automated information and search systems (AISS) of technological parameters of deposit development

3-1.KAZ.2 Development of AISS for regulatory and technical documents on environmental protection in the oil and gas industry.

3-2.KAZ.2 Development of recommendations on implementation of the monitoring programme to assess the impact of oil operations on environment of the Kazakhstan sector of the Caspian Sea

3-2.KAZ.4 Pilot applicability of the biogeochemical indexation method on the Northern-East littoral part of Kazakhstan sector of Caspian sea

3.2.UZB.1 Elaboration of recommendations on comprehensive long term Programme on Utilisation of Associated Gases

3-2.KGZ.1 Recommendation on improvement of gas losses accounting methods based on modern measurement tools.

3-2.TJK.1 Recommendation on improvement of gas losses accounting methods based on modern measurement tools.

3.2.TKM.1 Utilisation of associated petroleum gases during development of oil deposits

3.2.TKM.2 Elaboration of recommendations on regeneration of natural and ecological resources of the Soymonov Bay

3-3.KGZ.1 Assistance to design the project "Reduction of natural gas emissions at compressor or measuring stations of gas pipelines" in PDD format

3-3.TKM.1 Assistance to design the project "Reduction of natural gas losses in gas distribution networks" in PDD format

3-3.UZB.1 Assistance to design the project "Collection and utilisation of associated petroleum gas previously dumped by dispersing or gas flaring" in PDD format

Contact point for further information:

Mr. Andrii Mitsai

[andriy.mitsay@gmail.com](mailto:andriy.mitsay@gmail.com)  
<http://epm-ogi.com>

**Action Plan** ENPI-East Regional Action Programme 2008

**Project Title**

**Energy Saving Initiative in the Building Sector in Eastern Europe and Central Asia (ESIB)**

**Budget** 4.449.650 €

**Timescale** 11/01/2010 to 10/01/2014

**Beneficiary Countries**

Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Tajikistan, Turkmenistan, Ukraine and Uzbekistan

**Main and specific objectives**

**Overall objective:**

To help the INOGATE Partner Countries reduce their dependency on fossil fuels, to improve security of their energy supply, and to allow them to contribute more actively to climate change mitigation.

**Purpose:**

To assist the INOGATE Partner Countries in ensuring improved control of their energy consumption in the building sector by promoting and developing EE, and, where applicable, the use of RE.

**Specific objectives:**

- Support the development and the enforcement of energy efficiency-related legislation in the building sector including drafting of building standards and codes, as well as the promotion of regional harmonisation of policies and regulatory practices.
- Identify the limitations in awareness of EE and RE opportunities and the obstacles to the transfer of best practice and technology. Support awareness-raising initiatives.
- Support an enabling investment climate for energy conservation projects, including identification and assistance to the preparation of Energy Efficiency investments in the building sector for submission to International Financial Institutions (IFIs).
- Assess the needs to strengthening the capacity in energy auditing, building technologies and design. Provide training and networking programmes.

**Expected results**

- **Legislative support:** Measurable progress in development and enforcement of energy efficiency legislation in the building sector, compared to a baseline and to EU best practice.
- **Awareness Raising:** A toolbox for awareness-raising campaigns in EE in the building sector, stratified by target groups. A prototype action plan for such awareness raising campaigns. However, the final responsibility to conduct the campaigns will rest with the Partner countries.
- **EE investment climate:** Improved knowledge and skills of local banks and other funding providers for the establishment of EE financing facilities and the appraisal of EE projects' bankability. Increase the number of EE projects in the building sector.
- **Capacity Building:** Measurable progress of construction professionals and other relevant stakeholders in awareness of and knowledge and skills to implement EE state-of-the-art technologies and design in the building sector. Improved capacity and skills to conduct energy audits. Related number of trainings delivered.
- **ESIB Project Communication:** Up-to-date and complete section of the INOGATE Web Portal developed and maintained online.

**Results achieved so far**

Results of 4 initial missions, in Moldova, Belarus, Georgia, Armenia:

Contacts established with the Country Coordinators, main ministries and public bodies likely to be the interlocutors of ESIB, as well as some municipalities, IFIs, professional organisations, professionals (designers, builders, equipment and services suppliers), EE projects implemented or going on (WB, EBRD, UNDP, bilateral projects, national projects), medias, etc.

Understanding of the general features of the country's energy balance, governmental EE policies in buildings, structures and strategies of main actors, economic, social and cultural aspects of EE in buildings, existing information systems (e.g. statistics), main obstacles, main needs for training and awareness, etc. and presentation in mission reports.



Preliminary analysis of issues likely to be dealt with, at least partly, at a regional (Inogate) level, such as Home Owners Associations (HOAs) management, ESCOs schemes and collaterals for lending, construction codes, awareness, EE agencies, improvement of the statistical systems, etc.

Identification of topics likely to be potential areas of collaboration to be included in the work programme; e.g. (only examples, not limitative list):

In all countries: complementarities and cooperation with donors funded projects

In Moldova:

Assist the Ministry of Economy for the chapters of the new Energy Efficiency Law dealing with energy efficiency in buildings

Assist the Ministry of Economy for preparing a new EE Agency

Assist the Ministry of Architecture, Construction and Housing for many activities; a preliminary list has been established, including inter alia:

- Training and capacity building for different categories of professionals and for trainers
- Strengthening institutional capacities: ministry and municipal staff
- Support to demonstration projects about energy efficiency in buildings
- Technical Assistance to the preparation of a new building code for defining the new rehabilitation scheme and new building standards
- Awareness raising
- Presentation of EE buildings built in accordance with EU directives

Technical Assistance to governmental agencies (National Agency for Energy Regulation, District Heating company, ...)

Coordination with EBRD (ongoing programme) and WB (possible programme)

In Belarus:

Cooperation to be established progressively with the Department of Energy Efficiency which acts as a national EE agency

Developing financial mechanisms more market oriented with the Ministry of Housing and Communal Economy for further implementation of EE measures

Further harmonisation with EU standards with the Ministry of Architecture and Construction, and other topics

Cooperation with Gosstandard for EU harmonisation for new materials and/or new equipments

Support to a programme of The Municipality of Minsk for constructing EE demonstration buildings in each district of the City

TA to EBRD for definition of a new credit line and capacity building of the beneficiaries so as to be able to "absorb" the credit lines

Proposals for the organisation of the building profession and his relationship with the administrations

And several other topics.

In Georgia (mission report not yet fully drafted):

Building on the experience of the new credit scheme launched by EBRD with TBC as retail bank for EE in housing for developing schemes of ESCO-like business overcoming the weaknesses of HOA

TA to demonstration projects aiming at proving that, due to the seismic context, buildings using new technologies could be no more expensive than the traditional ones

Support to the development of new materials and to a local industry

Capacity building for the staff of the municipality of Tbilisi, possibly including the stakes of EE for the city; possible cooperation with the programme Covenant of Mayors

Developing a methodology for awareness campaigns with the support of the ministry for Energy

Considering the duration of ESIB and the possible changes of the energy context of the country, some other topics might become priorities.

In Armenia (mission ongoing when drafting this document):

TA assistance to UNDP (new buildings), WB (retrofitting), GEF projects ongoing or planned (EBRD), for market analysis, definition of projects, training and capacity building

Presentation of EU experience regarding norms and standards, enforcement of laws on construction, quality labels ("energy passports") to the concerned ministries, and possible capacity building (Armenia-EU cooperation agreement on harmonisation of norms and standards to start in 2011, possibly sooner for EE in buildings)

Possible support on analysis of the issue of competition between central heating (at the building level) and individual heating

Support to the municipality of Erevan for an energy policy assessment in buildings  
Possible support for transforming an existing implementing unit in a kind of EE agency  
Possible specific support (e.g. TAIEX) for improvement of the statistical system  
Methodology for awareness raising actions  
Ukraine (initial mission to come; only sparse contacts already done):  
Cooperation and TA with Energy Efficient Cities and other cities involved in cooperation projects  
Cooperation with the ministry for Housing and Regional Development to be defined

**Next 6 months activities**

Continuation of attempts for registration of the project in Ukraine  
Continuation of initial missions in the remaining seven Partner Countries, with similar goals.  
Deepening of identified potential areas of cooperation with visited countries, mainly through the national experts of the project  
Development of the project section of the website and database  
Drafting and approval of the inception report  
Starting to work out the approved work plan

**Contact point for further information:** Mr Jean-Jacques Dautet [dautetjj@free.fr](mailto:dautetjj@free.fr)



**Action Plan** 2008

**Project Title**

**Capacity Building for Sustainable Energy Regulation in Eastern Europe and Central Asia**

**Budget** €505,856

**Timescale** 18 months (March 10, 2010 – September 10, 2011)

**Beneficiary Countries**

Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Tajikistan, Turkmenistan, Ukraine and Uzbekistan

**Main and specific objectives**

The project is to promote and advocate good and sound energy regulatory practices with special emphasis on strengthening energy efficiency measures (EE), the use of renewable energy sources (RES) and district heating (DH) in the Partner Countries of the INOGATE Programme. The project will allow for the transfer of best practices from the EU as well as from the Partner Countries themselves, and will continue to strengthen the cooperation among the countries involved.

Furthermore, the project will aim to educate relevant ministerial level decision makers and other stakeholders of these countries about the purposes and benefits of the involvement of energy regulatory organisations in sustainable energy development.

- Facilitate information exchange and transfer of best practices in the EE, RE and DH sectors primarily among the energy regulators of the beneficiary countries and their peers from the relevant ministry departments;
- Develop technical capacities, strengthen understanding of regulatory procedures and techniques of regulatory authorities' staff and relevant ministry staff for the encouragement of RE and EE;
- Strengthen regulators' capacities in addressing social issues of tariff setting and tariff increases in order to reduce existing cross subsidies, charging tariffs on actual consumption, improve metering and billing and offer market-based solutions to the affordability problems of vulnerable households.
- Educating and informing a broad range of stakeholders on sound regulatory practices for the development of EE, RES and DH

**Expected results**

- Creation of a network for information exchange and assistance among the energy regulators of the beneficiary countries with the aim of helping governments to improve the overall consistency of their energy policies and to better integrate regulatory tools into sectoral strategies and policies.
- Transfer of information and best practices among the participating energy regulators and ministry representatives with the aim of establishing a common regulatory environment and common understanding of regulatory and market issues and practices in the EE, RE and DH sub-sectors.
- Improve organisational performance including better tariff practices consistent with international methods and harmonised among the beneficiary countries.
- Support beneficiary countries in carrying out their regulatory reforms and improving their regulatory responsibilities in the EE, RE and DH sub-sectors.
- Educate secondary target groups (e.g. municipalities, banking sector, homeowners associations, consumer advocacy groups, research and academic institutions, press/media representatives) about the importance of sound regulatory practices for the development of EE, RES and DH.

**Results achieved so far**

N/A

**Next 6 months activities**

1. **September 2010:** Training Course: Renewable Energy Regulation, location: TBD  
The 3-day training course will present an overview of the energy and climate change package of the European Union (targets, national action plans) and policy instruments for the promotion of the use of renewable energy sources. It will in particular focus on regulatory tools to support renewable energy and demand response management.

**Contact point for further information:**

Mrs. Krisztina Kasza

[Krisztina.Kasza@erranet.org](mailto:Krisztina.Kasza@erranet.org)

## Priority area 4: Attracting investment

<b>Action Plan</b>	2006
<b>Project Title</b>	<b>Identification and Promotion of Energy Efficiency (EE) Investments in Ukraine and Moldova</b>
<b>Budget</b>	€ 9,500,000
<b>Timescale</b>	60 months (12/06-12/11)
<b>Beneficiary Countries</b>	Ukraine, Moldova
<b>Objectives</b>	<p><u>Energy Efficiency in the Industrial Sector and SMEs in Ukraine</u> The project supplements an existing €150 million EBRD framework for industrial energy efficiency in Ukraine. The aim is provide financing for smaller (up to USD 2.5 million) energy projects in the private commercial sector, especially targeting small and medium enterprises (SMEs).</p> <p><u>Moldova Sustainable Energy Finance Facility</u> EBRD plans to launch a credit line of €20 million for energy efficiency and small renewable energy projects in Moldova during 2009. Grant resources will be required for project preparation technical assistance. This will require, as for the first part above, project preparation technical assistance to promote supplier networks, awareness raising and capacity building both in banks and end-borrowers. Performance fees to the participating banks and investment incentives at the end-borrower level have been proposed to address barriers to energy lending in the market.</p>
<b>Expected results</b>	<ul style="list-style-type: none"> <li>▪ Increase knowledge of the advantages and the opportunities of energy efficiency in Ukraine and Moldova</li> <li>▪ Open the way to sound energy efficiency investments by the establishment of credit lines within appropriate local banks and the provision of expertise to potential beneficiaries</li> <li>▪ Encourage spillover effects in the banking, industry and household sectors</li> <li>▪ The project is expected to generate investments from the EBRD and other co-financers</li> </ul>
<b>Results achieved so far</b>	<p><b>Results achieved so far</b></p> <ul style="list-style-type: none"> <li>• Consultant support for MoSEFF and UKEEP2 has been procured</li> <li>• Project office for MoSEFF has opened in Chisinau</li> <li>• Official MoSEFF project launch took place in Chisinau on Thursday 11 February</li> <li>• MoSEFF web-site <a href="http://www.moseff.org">www.moseff.org</a> has been launched and made available to the general public</li> <li>• Negotiations with three potential partner banks in Moldova are in the final stages</li> <li>• UKEEP2 consultant has commenced preparation of a Best Practice Manual, presenting energy utilisation best practice in Russian/Ukrainian language.</li> <li>• Promotion of UKEEP at seminars in Zaporozhe and Dnipropetrovsk.</li> </ul>
<b>Next 6 months activities</b>	<ul style="list-style-type: none"> <li>• EBRD to announce signing of first MoSEFF partner bank</li> <li>• Consultant to start work with partner bank: assessing pipeline, training loan officers, conducting energy audits of promising projects</li> <li>• Financing for first MoSEFF projects confirmed by partner bank</li> <li>• First Project Assessment reports (PARs) to be prepared for Ukraine</li> <li>• First SME loans in Ukraine to be disbursed</li> <li>• Promotional seminars in Ukraine planned for Kryvyi Rih, Mariopol and Poltava</li> </ul>
<b>Contact point for further information:</b>	Mr. Alexander Hadzhiivanov <a href="mailto:hadzhiia@ebrd.com">hadzhiia@ebrd.com</a>

## Cross-cutting

**Action Plan** 2007

**Project Title**

**Strengthening of the INOGATE Technical Secretariat (ITS) in support of the Baku Initiative**

**Budget** 2.934.000 €

**Timescale** 36 months (15/02/2009 - 15/02/2012)

**Beneficiary Countries**

Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Tajikistan, Turkey, Turkmenistan, Ukraine and Uzbekistan

**Main and specific objectives**

The overall objective of this project is to pursue and to expand the services provided by the INOGATE Technical Secretariat, with a view to improving the overall performance of the INOGATE programme towards achieving the already proclaimed goals defined at the Energy Ministers' conference held on 30 November 2006 in Astana, as well as any future objectives, which might be set out in this framework.

The specific objectives of the project are the following:

- Fostering dialogue and promoting exchange of experiences between the INOGATE partner countries as well as between these countries and the EU;
- Developing working partnerships with relevant energy stakeholders and helping to improve the coordination of all INOGATE activities, as well as the consistency of energy assistance initiatives in the NIS region;
- Increasing information flows and access to relevant information sources in the sector concerned;
- Providing targeted assistance to catalyse country reforms
- On request by the EC Task Manager, supporting the EC in the overall coordination and development of INOGATE.

**Expected results**

- Progress towards greater coherence and consistency of the cooperation framework, including better integration of INOGATE projects into the overall set up, as well as improvement of the programme's overall performance through greater visibility and active support of the Partner Countries and other relevant stakeholders.
- Tangible results in terms of awareness-raising, networking, training and capacity-building, data collection and exchange, and improved collaboration between Partner Countries;
- Significant progress towards the incorporation of the objectives of the Energy Road Map - convergence, security, sustainability, and financing of infrastructure of common interest - (and any future ones set out by the Energy Ministers of the partner countries) into national policies and towards the achievement of these objectives.

**Results achieved so far**

Since the project commencement, the ITS organised a series of successful events including:

- The 2009 official Working Groups Meeting that was held in Brussels, 27-28 April 2009.
- Energy Security Seminar in Brussels in February 2009, which provided a useful forum for the exchange of perspectives between the INOGATE Partner Countries and the EU on the important issue of energy security.
- INOGATE Country Coordinators and Working Group 3 (sustainable energy development) members, on 15th October 2009, in Brussels, where the updated INOGATE Work Programme 2009-2010 was discussed and agreed, developments from the project 'Support to Energy Market Integration and Sustainable Energy in the NIS (SEMISE)' were presented and discussed how the INOGATE programme can support collaboration for addressing climate change.
- INOGATE Information Events were co-organised with the Ministries in charge of energy in Moldova (25 November 2009), Georgia (2 December 2009), Kazakhstan (2 December 2009), Azerbaijan (4

December 2009), Armenia (8 December 2009), Belarus (11 December 2009), Ukraine (15 December 2009) and Tajikistan (13 April 2010). In each event, the ITS provided information to key local energy stakeholders on the INOGATE work programme, its achievements and on the technical support that can be accessed through ongoing INOGATE projects, helping to increase the programme's understanding and transparency.

- As part of its role to promote INOGATE activities, the ITS participated during the year in events, including the 'Oil and Gas' Forum in Kiev, Ukraine (3-5 November 2009) and INOGATE project events and final conferences, where the INOGATE programme and its activities and achievements were communicated. The ITS has set out an expanded set of communication initiatives under a newly developed INOGATE Communication Strategy. It has maintained the INOGATE website (<http://www.inogate.org>) and completed a comprehensive review for its upgrade which will take place in 2010.
- In its role to support the European Commission for the overall coordination and development of the INOGATE Programme, the ITS assisted the European Commission in the preparing fiches for the forthcoming INOGATE technical assistance by arranging regional consultation workshops with stakeholders across the Partner Countries. As a result, new initiatives are planned in the areas of improving cooperation on energy statistics, extending support for the uptake of the EU 'Covenant of Mayors' to cities in the Partner Countries as well as further support for the strengthening of the institutional capacity for sustainable energy governance in Partner Countries.

#### Next 6 months activities

In the next 6 months the following activities will be undertaken:

- The organisation of the Working Groups Meeting in 2010, in Brussels, 17-18 May 2010, aiming to present, discuss and agree on the new INOGATE work programme for 2010-2011, as well as to update the participants on the developments in the Partner Countries relevant to the Energy Road Map and the developments of the INOGATE projects.
- The issue of the 2009 annual report relevant to the INOGATE programme activities, as well as the new agreed INOGATE work programme for 2010-2011.
- The upgrade of the existing INOGATE web site, aiming to increase the visibility and reputation of the INOGATE Programme as a mutually beneficial energy cooperation Programme for the EU and its Partner Countries and establish the INOGATE web portal as regional "first call for energy" information source.

In parallel the INOGATE Secretariat will continue liaising with all INOGATE projects, coordinating and monitoring the INOGATE Programme works, while providing assistance to the Partner Countries on a demand driven basis.

Contact point for further information:

Mr. Kyriakos Morfis

[k.morfis@inogate.org](mailto:k.morfis@inogate.org)