



Support to Energy Market Integration and Sustainable Energy in the New Independent States (SEMISE)

## Promoting Investments into RES and EE: SEMISE Experience in the Region

*Vienna, Austria*

*28-29 April 2011*

*Ms. Alla Lytvynenko, Sustainable Energy Expert,  
SEMISE*

ENERGY COOPERATION BETWEEN THE EU, THE LITTORAL STATES OF THE BLACK & CASPIAN SEAS AND THEIR NEIGHBOURING COUNTRIES



## INOGATE: 15 Anniversary

### INOGATE Programme Basics:

The INOGATE Programme is an international **energy co-operation programme** between the European Union and its neighbouring countries in the East (ENP Countries) and Central Asia, which have agreed to work together supporting the implementation of the political priorities in the field of:

- Making **energy markets converge** on the basis of the principles of the EU internal energy market taking into account the particularities of the involved countries.
- Enhancing **energy security** by addressing the issues of energy exports/imports, supply diversification, energy transit and energy demand.
- Supporting **sustainable energy development**, including the development of energy efficiency, renewable energy and demand-side management.
- Attracting **investment** towards energy projects of common and regional interest.

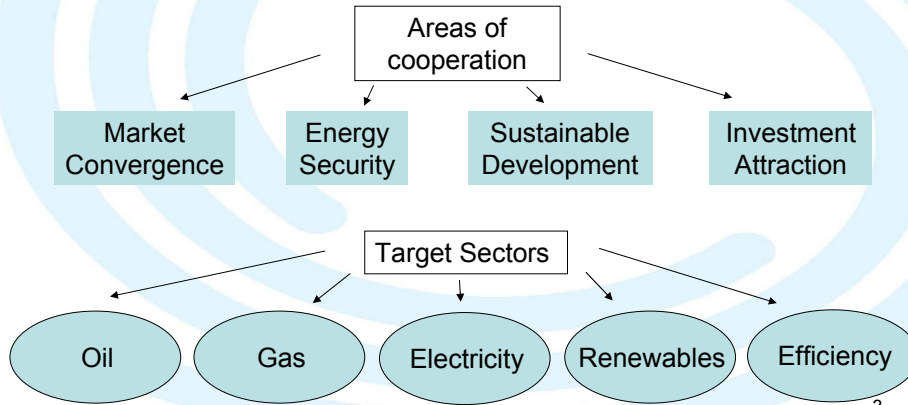
<http://www.inogate.org/>

ENERGY COOPERATION BETWEEN THE EU, THE LITTORAL STATES OF THE BLACK & CASPIAN SEAS AND THEIR NEIGHBOURING COUNTRIES

# INOGATE programme

## Political Framework:

### Baku Initiative (launched 2004)



3

# INOGATE: 15 Anniversary

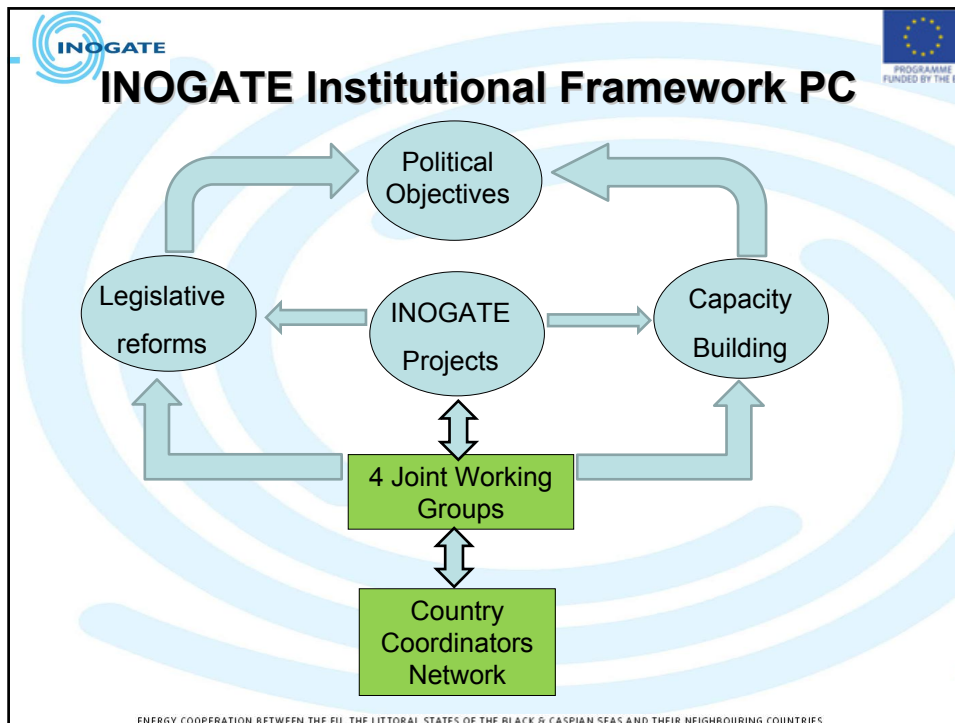
## INOGATE Programme Basics:

INOGATE Partner Countries: Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Tajikistan, Turkmenistan, Ukraine, Uzbekistan and Turkey.

In order to support the implementation of the programme, INOGATE has an **institutional structure** which includes:

- The **INOGATE Technical Secretariat (ITS)** based in Kiev with a branch office in Tbilisi which serves as coordinating mechanism of the INOGATE network and supports the European Commission in managing the Programme.
- **Country Coordinators** nominated in each of the participant countries responsible for coordinating country's inputs to the Programme and serving as the national contact point.
- Four **Working Groups** established for each of the four priority areas.

<http://www.inogate.org/>



**INOGATE** **Upcoming project**

► Support to the Extension of the **Covenant of Mayors to the EaP and CA countries**

- ◆ Purpose : encourage and support local authorities in EaP countries and Central Asia to achieve and implement a more sustainable local energy policy.

Three components:

- ✓ Branch of the Secretariat of the Covenant of Mayors
- ✓ Participation with the Joint Research Centre
- ✓ Call for proposals

ENERGY COOPERATION BETWEEN THE EU, THE LITTORAL STATES OF THE BLACK & CASPIAN SEAS AND THEIR NEIGHBOURING COUNTRIES



## SEMISE Project



**Objective:** contribute to achieving the 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, particularly as regards **energy market convergence, investment facilitation and the promotion of sustainable energy.**

**Budget (EUR):** € 5.670.000    **Duration:** 3 years

**Areas of activity:** Convergence of Energy Markets (Gas, Electricity), Energy Efficiency, Renewable Energy, Investment Attraction

**Beneficiary Countries:** Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Tajikistan, Turkmenistan, Ukraine, Uzbekistan

[http://www.inogate.org/index.php?option=com\\_inogate&view=project&id=11%3ASEMISE&Itemid=75&lang=en](http://www.inogate.org/index.php?option=com_inogate&view=project&id=11%3ASEMISE&Itemid=75&lang=en)

ENERGY COOPERATION BETWEEN THE EU, THE LITTORAL STATES OF THE BLACK & CASPIAN SEAS AND THEIR NEIGHBOURING COUNTRIES



## SEMISE Technical Assistance



### Ad Hoc Expert Facility

- Energy Market Integration
- Sustainable Energy
  - Applications pipeline: 91

### Project Preparation Facility

- Concepts pipeline: 40

[http://www.inogate.org/index.php?option=com\\_inogate&view=project&layout=activities&id=11&Itemid=75&lang=en](http://www.inogate.org/index.php?option=com_inogate&view=project&layout=activities&id=11&Itemid=75&lang=en)

ENERGY COOPERATION BETWEEN THE EU, THE LITTORAL STATES OF THE BLACK & CASPIAN SEAS AND THEIR NEIGHBOURING COUNTRIES



## SEMISE Technical Assistance



PPF – Project Preparation Facility designed to:

- Support investments in EE and RES
- Support local financial institutions

AHEF – Ad Hoc Expert Facility designed to:

- Support development of policies, strategies, action plans and legislation for sustainable energy including programmes and incentives for energy efficiency and renewable energy sources
- Support governmental institutions and industries operating in energy sector

ENERGY COOPERATION BETWEEN THE EU, THE LITTORAL STATES OF THE BLACK & CASPIAN SEAS AND THEIR NEIGHBOURING COUNTRIES



## SEMISE Project Preparation Facility and Ad Hoc Expert Facility - Examples



- Training personnel in energy auditing for bankable projects and CDM/ JI Kyoto Protocol Flexible Mechanisms
- Assist in project origination (CDM)

AM.13, GE.26, KZ.67 - "Capacity building: Industrial energy audit analysis for bankable projects"

UA.37- "Energy audits & methodology for small hydropower plants"

PPF.17. "Carbon Credits and Carbon Markets: Banks role"

PPF.40. "Strengthening Bank's position in carbon credits generating and trading"

ENERGY COOPERATION BETWEEN THE EU, THE LITTORAL STATES OF THE BLACK & CASPIAN SEAS AND THEIR NEIGHBOURING COUNTRIES





## SEMISE Project Preparation Facility



- Developing financial products to support RES and EE
- Developing ESCO Business
- Second opinion on small HPP investment
- Build Capacity of local financial institutions for investing in RES and EE

PPF 09. – “Development of Special Financial Product for EE. Development of Special Financial Product for RES”  
PPF 08. – “LFI Capacity Building. Specialties of Investment in RES and EE”



## SEMISE assistance Promoting Investments in EE and RES



- ✓ Recommending regulatory frameworks to provide incentives for RES and EE
- ✓ Tariff setting methodology (e.g. feed-in-tariff)
- ✓ Harmonization of energy standards
- ✓ Identifying potential donors and investors



## How to reach us

### Contact:

Mr. Jozef Herzl  
Team Leader,  
Key Expert,  
Energy Investments

Ms. Alla Lytvynenko  
Sustainable Energy Expert

Office 1-B  
B. Khmelnytskogo 30/10  
Kiev 01030, Ukraine

Tel.: +380 44 272 6812

Fax: +380 44 272 6815

E-mail:

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

[a.lytvynenko@inogate.org](mailto:a.lytvynenko@inogate.org)

*Thanks for your attention!*