New INOGATE Technical Secretariat
Dr. Lemlem Said Issa
Local Information Event for Moldova: Chisinau - 19th March 2014

BUILDING PARTNERSHIPS FOR ENERGY SECURITY

www.inogate.org
What is INOGATE?

An EU-funded program for regional energy cooperation between the European Union and its Partner Countries in Eastern Europe, Caucasus and Central Asia.

11 INOGATE Partner Countries:
Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Tajikistan, Turkmenistan, Ukraine and Uzbekistan.
Who's Who in INOGATE

- Policy
  - Energy Ministers

- Steering
  - European Commission
  - INOGATE Country Coordinators

- Implementation
  - INOGATE Project Experts
  - Working Group Members

Beneficiaries & stakeholders
- Energy Regulators, Energy Agencies, ESCOs, Energy Companies / TSOs / DSOs / Utilities / associations (gas, electricity) Construction Authorities, Standardisation Bodies, Statistics Institutes, IFIs, Consumer Protection Groups, Civil Society, etc.
Targeted energy sectors

- Electricity & Gas
- Renewable Energy
- Energy Efficiency
- Infrastructure
- Climate Change
- Statistics
INOGATE’s Objectives

1. Convergence of energy markets on the basis of EU principles
2. Enhancing energy security
3. Supporting sustainable energy development
4. Attracting investment towards energy projects of common and regional interest

4 objectives = 4 areas of cooperation = 4 INOGATE working groups
Area 1: Energy Market Convergence

Areas of work

- Unbundling
- Independent energy regulators
- Cost-reflective tariff structure
- Common technical rules and standards
- Integrated regional markets
- Third party access

Energy Markets Convergence

Working Group 1
Area 2: Energy Security

- Rehabilitation & upgrading of infrastructure
- Development of new energy infrastructures
- Maintenance of existing infrastructure
- Metering and billing

Areas of work
Area 3: Sustainable Energy Development

Areas of work

- Energy Efficiency
- Renewable Energy Sources
- Policies & legislation
- Institutional development
- Environmental assessments & standards
- Gas flaring reduction

Working Group 3
Area 4: Investment Attraction

- Improving the legislative & regulatory framework
- Improving the business climate (taxation, access to finance)
- Planning of energy projects of common interest
- Advocating for transparency and good governance

Areas of work

Working Group 4
Types of assistance provided

- Technical advisory
- Capacity building
- Awareness raising
- Networking
- Regional cooperation
- Multi-country approach
INOGATE actions in the Republic of Moldova

The Republic of Moldova was a founding member of the INOGATE Program, and has been a beneficiary of over 25 of the 56 INOGATE projects carried out since 1996.
The Ad Hoc Expert Facility (AHEF)

✓ The ITS "Ad Hoc Expert Facility" (AHEF) is one of the means for providing technical assistance to INOGATE Partner Countries

✓ To ensure maximum transparency on the AHEFs applications, an overview table is being published regularly on the INOGATE website both in English and Russian.
# Registered ITS AHEF Applications – Republic of Moldova

<table>
<thead>
<tr>
<th>Component B:</th>
<th>Electricity and Gas Sectors</th>
<th>JSC 'MoldovaGaz', 38 Albisoara Str., MD-2005, Chisinau, Republic of Moldova</th>
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<tbody>
<tr>
<td>AHEF.043.MD</td>
<td>Technologies and methods for detection and decrease of gas losses in distribution networks</td>
<td>National Institute of Standardization and Metrology INSM, 28 Eugen Coca Str., MD-2064, Chisinau, Republic of Moldova</td>
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<td>Energy Companies’ Performance Improvement</td>
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<tr>
<td>AHEF.073.MD</td>
<td>Development of national electricity and gas standards</td>
<td>National Agency for Energy Regulation ANRE, 90 Columna Str., MD-2012, Chisinau, Republic of Moldova</td>
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<td>Harmonisation of Electricity and Gas Standards</td>
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<td>AHEF.109.MD</td>
<td>Introduction of a system for automatic collection of compensations for inobservance of the guaranted quality of services rendered by system operators and improvement of tools to monitor quality of services</td>
<td>National Agency for Energy Regulation ANRE, 90 Columna Str., MD-2012, Chisinau, Republic of Moldova</td>
</tr>
<tr>
<td>Establishment of Independent Regulators</td>
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<tr>
<td>AHEF.110.MD</td>
<td>Calculation of technical losses in the electricity distribution networks. Methods to calculate and include losses in the final customer tariffs.</td>
<td>National Agency for Energy Regulation ANRE, 90 Columna Str., MD-2012, Chisinau, Republic of Moldova</td>
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<td>Establishment of Independent Regulators</td>
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<tr>
<td>AHEF.111.MD</td>
<td>Regulation and monitoring of the investment activities of the regulated companies</td>
<td>National Agency for Energy Regulation ANRE, 90 Columna Str., MD-2012, Chisinau, Republic of Moldova</td>
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<tr>
<td>Establishment of Independent Regulators</td>
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# Registered ITS AHEF Applications – Republic of Moldova

## Component C: Sustainable Energy

<table>
<thead>
<tr>
<th>Application Code</th>
<th>Description</th>
<th>Contact Information</th>
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</thead>
<tbody>
<tr>
<td>AHEF.047.MD</td>
<td>Capacity building: Industrial and buildings sector energy auditing for bankable projects</td>
<td>Energy Efficiency Agency, 1 Aleco Russo str., 10th floor, office 1003, MD-2068, Chisinau, Republic of Moldova</td>
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<tr>
<td></td>
<td>Development of Energy Auditing in the Industrial Sector</td>
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<tr>
<td>AHEF.050.MD</td>
<td>Capacity building for financing of EE/RES investment projects</td>
<td>BC &quot;Mobiasbanca – Groupe Société Générale&quot; S“A, 81 A Stefan cel Mare si Sfant Ave., MD-2012, Chisinau, Republic of Moldova</td>
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<tr>
<td></td>
<td>Investment Facilitation</td>
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<tr>
<td>AHEF.119.MD</td>
<td>Organisation of operational framework for Energy Service Companies (ESCO)</td>
<td>Energy Efficiency Agency, 1 Aleco Russo str., 10th floor, office 1003, MD-2068, Chisinau, Republic of Moldova</td>
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<td></td>
<td>Establishment of Energy Agencies</td>
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<tr>
<td>AHEF.120.MD</td>
<td>Assistance in developing a template and methodology / guidelines for conducting energy audits for CHPs and district heating systems (DHS)</td>
<td>Energy Efficiency Agency, 1 Aleco Russo str., 10th floor, office 1003, MD-2068, Chisinau, Republic of Moldova</td>
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</table>
Geospatial Scoping Mission–Republic of Moldova

The multilateral meeting was held on 6th March 2014 in the Ministry of Economy of the Republic of Moldova with aim to present the concept of a geospatial mapping tool that will allow to identify opportunities the EE&RES and attract investments in the same.
Annual Status Reports Missions & Peer Reviews

11 Caspian and Black Sea country reviews funded by the EU

Major objectives

• 4 pillars: energy security, sustainable development, investment attraction, market convergence
• General energy policy and energy balances
2013 Status Report

- 2013 Status Report is planned to be ready and published in Q4 2014
- 2011-12 Status Report is available for downloading from the INOGATE web portal
Identified Challenges

Common challenges for PCs

- Robust energy demand
- Lack of long-term perspectives
- Strategy on basis of sound data
- Aged infrastructure; investment requirements
- Lack of energy technology related research and development
- Weak regional cooperation
Identified Opportunities

Key opportunities for PCs

- Medium and long term energy policy scenarios with different fuel mix options; use of energy data for policy planning
- Maximising energy efficiency gains
- Utilisation of renewable energy potential
- Phasing out import dependency; maximizing export potential
- Promotion of energy market developments
Preliminary findings and recommendations

- **MOLDOVA: focusing on integration in regional markets**
- Enhance investment measures by encouraging a stable and predictable regime for renewable energy
- Improve governance of energy efficiency policies & measures
- Develop a system to collect accurate data
Implementation of INOGATE Activities on Energy Statistics in The Republic of Moldova
Energy Statistics Action Plan (ESAP)


The Republic of Moldova adopted ESAP by signing of Memorandum of Understanding by the Ministry of Economy, the National Bureau of Statistics and INOGATE Technical Secretariat.
INOGATE Support to the Republic of Moldova in the Field of Energy Statistics

- Development of tailor-made methodologies and user-friendly tools for energy data collection and energy balance compilation;
- Assistance in the implementation of surveys in the sectors of enterprises and households;
- Assistance in the compilation of annual energy balance for 2013 and in filling in joint EUROSTAT/IEA/UNECE annual energy questionnaires;
INOGATE Support to the Republic of Moldova in the Field of Energy Statistics

- Provision of various national and regional capacity building activities (trainings and workshops, international conferences, study visits, IEA training) for policy decision makers, energy statistics specialists, main stakeholders and energy companies involved in energy statistics system and other;

- Support the participation of the representatives of the Republic of Moldova in Energy Statistics Network.
INOGATE Related Project in the Republic of Moldova

The Covenant of Mayors is the mainstream European movement involving local and regional authorities, voluntarily committing to increasing energy efficiency and use of renewable energy sources on their territories. By their commitment, Covenant signatories aim to meet and exceed the European Union 20% CO2 reduction objective by 2020.
Covenant of Mayors signatories in the Republic of Moldova

<table>
<thead>
<tr>
<th>Signatories</th>
<th>Population</th>
<th>Adhesion</th>
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<tbody>
<tr>
<td>Calarasi, MD</td>
<td>16,100</td>
<td>14 Dec 2012</td>
</tr>
<tr>
<td>Cantemir, MD</td>
<td>6,300</td>
<td>28 May 2013</td>
</tr>
<tr>
<td>Cimişlia, MD</td>
<td>14,800</td>
<td>18 Nov 2011</td>
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<tr>
<td>Drochia, MD</td>
<td>87,083</td>
<td>21 Oct 2010</td>
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<tr>
<td>Festelita, MD</td>
<td>3,111</td>
<td>14 Jun 2013</td>
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<tr>
<td>Ocnita, MD</td>
<td>9,170</td>
<td>6 Sep 2012</td>
</tr>
<tr>
<td>Orhei, MD</td>
<td>116,296</td>
<td>21 Oct 2010</td>
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<tr>
<td>Soroca, MD</td>
<td>37,400</td>
<td>7 Dec 2012</td>
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<tr>
<td>Taraclia, MD</td>
<td>13,500</td>
<td>24 Oct 2013</td>
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<tr>
<td>Ungheni, MD</td>
<td>36,000</td>
<td>30 Nov 2012</td>
</tr>
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INOGATE Web Portal

www.inogate.org

INOGATE information:

✓ News on activities
✓ Reports & Studies
✓ Training Materials
✓ Publications
✓ Event materials

Regional energy information:

✓ Regional Energy News
✓ Country profiles and information
✓ Energy links
INOGATE Technical Secretariat

More information: Secretariat.kiev@inogate.org

Visit web portal: www.inogate.org

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