New INOGATE Technical Secretariat
Dr. Lemlem Said Issa
Local Information event for Georgia:
Tbilisi - 19th February 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

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

Working Group 1: Areas of work
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

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

Areas of work
Area 4: Investment Attraction

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

- Networking
- Technical advisory
- Regional cooperation
- Multi-country approach
- Capacity building
- Institution building
- Awareness raising
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 - Georgia

<table>
<thead>
<tr>
<th>Application</th>
<th>Electricity and Gas Sectors</th>
<th>Name of the Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHEF.035.GE</td>
<td>Energy companies’ performance improvement (Metering and data collection)</td>
<td>JSC “Georgian Oil and Gas Corporation” GOGC, 21 Kakheti Highway Str., 0190, Tbilisi, Georgia</td>
</tr>
<tr>
<td>AHEF.037.GE</td>
<td>Safety, Security &amp; Integrity of transmission systems</td>
<td>JSC “Georgian Oil and Gas Corporation” GOGC, 21 Kakheti Highway Str., 0190, Tbilisi, Georgia</td>
</tr>
<tr>
<td>AHEF.074.GE</td>
<td>Training in Cathodic Protection System Design according to International Standards and Best Practices</td>
<td>JSC “Georgian Oil and Gas Corporation” GOGC, 21 Kakheti Highway Str., 0190, Tbilisi, Georgia</td>
</tr>
<tr>
<td>AHEF.075.GE</td>
<td>Training and Assistance in Planning, Preparing and Conducting Direct Assessment of the Unpiggable Pipelines</td>
<td>JSC “Georgian Oil and Gas Corporation” GOGC, 21 Kakheti Highway Str., 0190, Tbilisi, Georgia</td>
</tr>
<tr>
<td>AHEF.076.GE</td>
<td>Training and Certification of GOGC Personnel in Construction Supervision (Non-Destructive Testing (NDT) and Pipeline Testing and Commissioning)</td>
<td>JSC “Georgian Oil and Gas Corporation” GOGC, 21 Kakheti Highway Str., 0190, Tbilisi, Georgia</td>
</tr>
<tr>
<td>AHEF.080.GE</td>
<td>Expertise Review and Analysis of the Internal Electricity Market Models</td>
<td>&quot;Electricity System Commercial Operator&quot; Ltd., 2 N. Baratashvili St., 0105, Tbilisi, Georgia</td>
</tr>
<tr>
<td>AHEF.081.GE</td>
<td>Support Georgia in Energy Sector Reform process and actions towards full membership of Legislative Frameworks</td>
<td>Ministry of Energy, 2 Sanapino Str., 0105, Tbilisi, Georgia</td>
</tr>
<tr>
<td>AHEF.118.GE</td>
<td>Regional workshop in Tbilisi on “Gas infrastructure and EN 1594”</td>
<td>Georgian National Agency for Standards and Metrology, Chargali str: 67, 0178, Tbilisi, Georgia</td>
</tr>
<tr>
<td>Application</td>
<td>Sustainable Energy</td>
<td>Name of the Company</td>
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<tr>
<td>AHEF.049.GE</td>
<td>Capacity building for financing of EE/RES investment projects</td>
<td>JSC &quot;Bank of Georgia&quot;, 29a Gaganni Str., 0160, Tbilisi, Georgia</td>
</tr>
<tr>
<td>AHEF.051.GE</td>
<td>Conducting of the capacity building on EU Directives and legally binding obligations under the Energy Community Treaty</td>
<td>Ministry of Energy, 2 Sanapiro Str., 0105, Tbilisi, Georgia</td>
</tr>
<tr>
<td>AHEF.096.GE</td>
<td>Capacity strengthening of the SWMCG by introducing applicable methods for assessing landfill gas potential at the existing dumpsites in Georgia</td>
<td>&quot;Solid Waste Management Company of Georgia&quot; Ltd. SWMCG, Vazhet-Pshavela Ave. 45, 0177, Tbilisi, Georgia</td>
</tr>
<tr>
<td>AHEF.097.GE</td>
<td>Formulation of the RE secondary legislative base and related procedures for facilitation of the future wind project development and investments</td>
<td>JSC &quot;Georgian Energy Development Fund&quot; of the Ministry of Energy and Natural Resources of Georgia GEDF, 2 Z. Gamsakhurdias Sanapito, House of Justice, 4th Floor, 0105, Tbilisi, Georgia</td>
</tr>
<tr>
<td>AHEF.116.GE</td>
<td>International advices and technical support for preparing curriculum of a course on &quot;Architectural Design of Energy-Efficient and Sustainable Houses&quot; and lectures to include in bachelor and master degree programs for the Faculty of Architecture, Urban Planning and Design at Georgian Technical University</td>
<td>Georgian Technical University GTU, 77 Kostava st., Administrative Building, Ill Floor, 0171, Tbilisi, Georgia</td>
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Georgia was a founding member of the INOGATE Program, and has been a beneficiary of over 36 of the 62 INOGATE projects carried out since 1996.
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
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

- GEORGIA: aiming at total electric supply from hydropower
- Strengthen the competences and independence of the national regulatory authority
- Improve the collection, compilation and use of energy data
- Create an analytical center aimed at gathering experienced national experts for energy market and policy analysis
2012 Status Report

- 2012 Status Report is planned to be ready and published in Q4 2014
- 2011 Status Report is available for downloading from the INOGATE web portal
Implementation of INOGATE Activities on Energy Statistics in Georgia

Georgia adopted ESAP by signing of Memorandum of Understanding by GEOSTAT, Ministry of Energy and Natural Resources (MENR) and INOGATE Technical Secretariat (ITS) on 04 March 2013.
INOGATE Support to Georgia 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 Georgia in the Field of Energy Statistics

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

- Support the participation of Georgian representatives in Energy Statistics Network.
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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