The INOGATE Program
Dr. Lemlem Said Issa

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.

12 INOGATE Partner Countries:
Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Tajikistan, Turkey, Turkmenistan, Ukraine and Uzbekistan.
INOGATE Development 1996-2013

**Launch 1996**

**INO_GATE Launch**

The **Interstate Oil & Gas Transport to Europe (INO_GATE)** Programme as first-ever regional energy cooperation of this scale

**Phase 1: 1996-1999**

**Technical audits phase**

reveal need for over **5 billion EUR** in investments for rehabilitating energy infrastructures

**Phase 2: 2000-2004**

**Demonstration Phase**

Proves impact of small-scale demonstration projects such as cross-border gas metering stations helping to improve transparency of gas trade

**Phase 3: Nov 2004 - present**

**Expansion Phase**

Launch of Baku Initiative, Energy Road Map adopted by Ministers at 2nd Ministerial Conference in Astana providing long-term strategy
Who’s Who in INOGATE

Policy
- Energy Ministers

Steering
- European Commission
- INOGATE Country Coordinators

Implementation
- INOGATE Project Contractors
- Working Group Members
- Regulatory Representatives

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

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

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

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

Investment Attraction

- Improving the legislative & regulatory framework
- Planning of energy projects of common interest
- Advocating for transparency and good governance

Areas of work
Types of assistance provided

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

The Republic of Armenia was a founding member of the INOGATE Program, and has been a beneficiary of over 30 of the 56 INOGATE projects carried out since 1996.
## Registered ITS AHEF Applications - Republic of Armenia

### Electricity and Gas Sectors

<table>
<thead>
<tr>
<th>Application Code</th>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHEF.018.AM</td>
<td>Under evaluation</td>
<td>Grid connection procedure for all types of consumers and producers of electricity including RES</td>
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<tr>
<td>AHEF.028.AM</td>
<td>Evaluated</td>
<td>1.1. Determination of the rated minimum natural gas reserve for natural gas supplies in the RA; 1.2. Determination of the service life of gas pipelines; 2. Electricity production</td>
</tr>
<tr>
<td>AHEF.045.AM</td>
<td>Evaluated</td>
<td>Introduction of safety and security indicators of electricity transmission system of the Republic of Armenia</td>
</tr>
<tr>
<td>AHEF.053.AM</td>
<td>Evaluated</td>
<td>Reactive power control</td>
</tr>
<tr>
<td>AHEF.063.AM</td>
<td>Under evaluation</td>
<td>Harmonisation of standards for small HPP equipment and standards used by the testing and certification laboratories</td>
</tr>
<tr>
<td>AHEF.064.AM</td>
<td>Under evaluation</td>
<td>Rules of connection to the distribution electricity and gas networks</td>
</tr>
<tr>
<td>AHEF.065.AM</td>
<td>Evaluated</td>
<td>Service quality individual criteria in the rules of usage and supply of natural gas, and other principles of balancing the legal powers of the distributor (supplier) and consumer</td>
</tr>
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</table>
Registered ITS AHEF Applications - Republic of Armenia

Sustainable Energy

<table>
<thead>
<tr>
<th>AHEF.054.AM</th>
<th>Approved ToR being drafted</th>
<th>Energy efficiency technologies in the energy and industrial sector</th>
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<tbody>
<tr>
<td>AHEF.055.AM</td>
<td>Approved ToR being drafted</td>
<td>Energy efficiency technologies in the design, construction and operation of buildings</td>
</tr>
<tr>
<td>AHEF.056.AM</td>
<td>Approved ToR being drafted</td>
<td>New technologies in the development and use of renewable energy sources (RES)</td>
</tr>
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</table>
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

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