B4: SUSTAINABLE AND EFFICIENT ENERGY TRANSIT INFRASTRUCTURE

- B4-1: Review of the current gas losses and the main gas transit lines
- B4-2: EU Best Practice on Technologies and Methodologies of Gas Losses detection and reduction
- B4-3: Transfer of EU best practice on gas infrastructure safety and security
- B4-4: Introduction to the state of the art pipelines management infrastructure and training on software solutions (PIMS)
- B4-5: INOGATE Partner Countries TSO cooperation with European organizations
- B4-6: Technical Assistance for Electricity and Gas metering, billing and losses.
Georgia is committed under the Energy Community process and Association Agreement to align the regulations and standards with those of EU.

INO_GATE in May 2013 organized a parallel series of Events in Venice and Milan for All INOGATE PCs:

- Seminar on Cross Border Trading – EU Perspectives and Main Challenges
- Study Tour to SNAM Dispatching Center
- Participation to the 11th Gas Infrastructure Europe Annual Conference
Gas Losses- Reduction of Emissions

- Losses is still an important issue that requires a lot of improvements in Partner Countries. In central Asia (2008-09) an inspection of segment of 700 km of gas pipelines and one compressor station revealed a total annual loss valued at over 2.4 m €. INOGATE not only helped repair most of the leaks, but also demonstrated that modern methods and technologies for gas loss reduction benefit the environment while offering a significant investment return.

- INOGATE continuous its effort on this area. In January 2014 a relative study has implemented: “EU Best Practices in Technologies and Methodologies for the Reduction of Losses in Gas Transmission Infrastructure” which will be shared to all Partner Countries.

- In May 2014 INOGATE will organize seminar to analyze the main practices and Technologies and to discuss with Partner Countries representatives the ones that fit to their specific characteristics.
Georgia is extending the transmission pipeline network and plans to construct underground gas storage.

INOGATE organized in October 2013 A seminar for Construction Supervision, Testing, Pre – Commissioning and Commissioning On Gas Transmission Pipelines

And a second one for Cathodic and Lightning Protection On Gas Transmission Pipelines

Upon Completion of the two seminars conducted in Tbilisi, a Study Tour arranged to a Construction Side of DESFA (Greek TSO) where European Standards and Methodologies are applied.

INOGATE will organize in March 2014 to train and certify as NDT inspectors two GOGC engineers
Georgia is extending the transmission pipeline network taking care the safety and security across the existing and new network complying with European standards.

INOGATE organizes in April 2014, seminar for GOGC and GGTC how to prepare HAZOP and Risk Assessment Studies to the Existing and New Transmission Pipelines.
Rehabilitation and Upgrading Projects

- Georgia, is running rehabilitation programmes for their gas infrastructure
- INOGATE organized in November 2013 a seminar for GOGC and GGTC personnel. The course covered External Corrosion Defect Assessment (ECDA) on buried pipelines and the inspection and management of non piggable gas pipeline
- The seminar conducted in the class and in the field
Metering and Billing Projects

✓ Cross Border Trading requires accurate measurement from both sides

✓ In 2005 with INOGATE support the Gweletti metering station was constructed and equipped.

✓ In 2014 INOGATE organizes seminar and study tour for GOGC and GGTC personnel to a European Transmission Operator with main objective the operation and maintenance of the Cross Border Metering Stations and the record and storage of the data in accordance with European Standards
Questions

THANK YOU!