Application of European functional gas standards in “WestMoldovatransgaz”

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Legislative framework on natural gas is:
- Law on Natural Gas №123 was adopted on December 23, 2009 (with some amendments in 2011);

Analysis of these documents demonstrates the following state objectives in this area:
- Provision of energy security;
- Liberisation of the energy and gas markets and restructuring of the energy complex in the context of requirements of integration into the European energy system;
- Connection of the gas infrastructures of the Republic of Moldova to that of and Romania allowing for Moldova’s active participation in South East Europe.
Promotion of investment projects into the natural gas infrastructure

• Pipeline “Yassy-Ungueny” is a project connecting the gas transportation systems of Moldova and Romania, total length of 43.2 km (out of which 10.48 km in Moldova) and capacity of 1.5 bcm/yr.

• State Enterprise "Vestmoldtransgaz" was established by Resolution of the Government №501 of June 1, 2014 года to administer the pipeline “Yassy-Ungueny” and maintain transportation of gas through the Republic of Moldova.

• On January 6, 2015 SE "Vestmoldtransgaz“ obtained a license to transport gas via the Yassy-Ungueny pipeline and looking forward – to Chişinau. The license is given for 25 years. “Vestmoldtransgaz” is the second enterprise in Moldova having the right to transport gas.
• In September 2014 JSC “Energocom" received a license to transport gas at non-regulated tariffs in Moldova, and in December 2014 a gas delivery contract was signed with Romanian partner, OMV “Petrom Gaz S.R.L”. Gas delivery to consumers via the Yassy-Ungueny” pipeline started March 4, 2015.
• 680 mln m³ of gas has been transported so far.
Yassy-Ungueny gas pipeline
By request of SE “Vestmoldtransgaz” the National Standardisation Institute introduced the following European standards in Moldova:

- **SM SR EN ISO 10715:2015** Gaz natural. Linii directoare pentru eșantionare;
SM SR EN ISO 6143:2012 Analiză de gaze. Metode comparative pentru determinarea și verificarea compoziției amestecurilor de gaze pentru etalonare;
SM SR EN 12405-1+A2:2013 Contoare de gaz. Dispozitive de conversie. Partea 1: Conversie a volumului de gaz;
There are still a number of applied standards which are necessary to check for compliance with the European ones:

- **GOST 30319.0-96** Natural gas. Methods of calculation of physical properties. General requirements;
- **GOST 30319.1-96** Natural gas. Methods of calculation of physical properties. Determination of physical properties of natural gas, its components and gas products;
- **GOST 30319.3-96** Natural gas. Methods of calculation of physical properties. Determination of physical properties by condition equation, etc.
Given that SE “Vestmoldtransgaz” receives gas from Romania (EU member state), we are facing an issue of standards.

In Moldova post-USSR standards GOST are still applied.

The National Standardisation Institute in line with the provisions of the Association agreement with the EU, Moldova has adopted many European standards, but some Russian standards are still in effect.
Processes of integration of the gas market of Moldova into the EU internal market are designed for the long term perspective, while the energy system of the country, its economy and population will live during the transition period.

The Strategy foresees full integration into the EU internal market in 2020. Pursuing the this task, it is required to timely harmonise the legislation with the requirements of the Energy Community and EU aquis communautaire, thus ensuring the legislative and regulatory compatibility with these markets.
THANK YOU!!!