

EU-Russia Dialogue Early Warning System – Gas Monitoring

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Early Warning System - Background

- **First talks** within EU / Russian Energy Dialogue starting 2013
 - > Russia proposed the concept of a European Dispatching Service
 - > Might be an idea for the future
 - > ENTSOG Board approved the further involvement in the discussion
 - > Understood as an Early Warning System (EWS)

- **Three meetings** took place within the WS3
 - > Involvement of ENTSOG, Gazprom and other stakeholders
 - > Gazprom welcomed the development of the EWS
 - > Start for a further cooperation

Early Warning System - Objectives

- **A broader vision of all gas flows entering EU member states**
- > Support European TSOs and EU to
 - enhance the level of **Security of Supply in crisis situations**
 - provide an **overview of the gas supply** flows
- > Situation before EWS
 - No centralized EU TSO information
 - Broader coordination might be missing in case of crisis situations
- > EWS Proposal
 - Install an Early Warning Team
 - to **facilitate information exchange** under abnormal cases of flows
 - to agree on **mitigating actions**
 - according to existing **EU law, national laws** and 3rd package philosophy.
- **For later: Further development to other supply routes to EU**
- **Cooperation with 3rd countries from the Energy Community as well**



Early Warning System - Functioning

- **Early Warning Team with different tools**
- > Early Warning Team East (EWT-E) installed since September 2014
 - 16 TSOs including all taking in Russian gas directly or via non-EU countries
 - In addition Ukrtransgaz
- > Coordinator for the EWT-E
 - Fixed telephone number
 - 24/7 reachability
 - Getting the EWT-E assembled within about one hour
 - Virtual meeting room via Webex
 - Working on possible short term solutions
- > Tools
 - Swaps
 - Re-directing of gas
 - Extra capacity
 - Etc.



Win-Win for Gazprom and EU-TSOs

■ **Gazprom**

- > Early information about gas supply or gas transmission problems in EU
- > Participates in resolving energy security of supply in EU in general
- > Business continuity in case of technical problems

■ **European TSOs**

- > Early information about gas supply or gas transmission problems in Russia
- > Reliable energy supply for Europe
- > Support from Gazprom to EU in case of supply problems from other sources

■ **Beneficial effect for all**

- > Gazprom is seen as a **reliable energy supplier** for Europe
- > Enhancing a **long term partnership** and **good cooperation** between EU and Russia

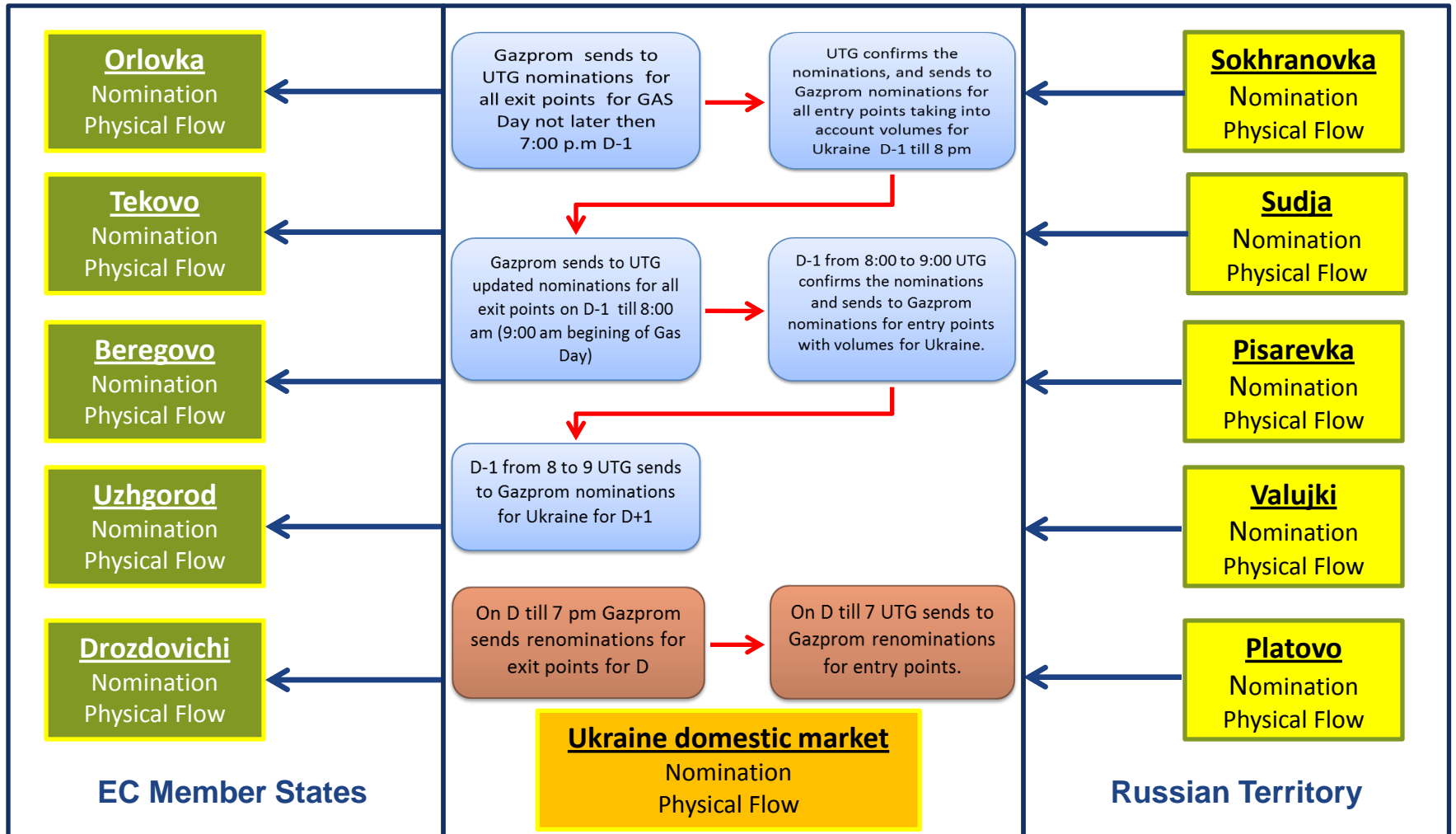


Ukrainian Monitoring Mission



- **Established under EC chair 3rd and 4th quarter 2014**
 - > Term of Reference were set up
 - Signed by Ukrtransgaz
 - Gazprom informed
 - > Main objective:
 - Set up a daily report with all the gas flows
 - Provide the daily report to all involved Parties
 - EC, Ukrtransgaz, Gazprom and relevant EU TSOs

DMR for gas entering and exiting Ukraine





Thank You for Your Attention

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Back up slides





Win-Win to have Gazprom on-board EWS

Problem on the gas supply to EU production side in Russia

- > ENTSOG can provide the telephone number of the EWT-E coordinator to Gazprom
- > Gazprom can give an early warning to the coordinator of the EWT-E
 - EWT-E, Gazprom and other stakeholders can work on possible solutions

Problem on the production side of other main supply corridors

- > Other main suppliers (e.g. Statoil) will also know coordinator telephone number
- > Other main suppliers can give an early warning to EWT-E coordinator or other EWTs
- > All partners including Gazprom can discuss possible short- and long-term solutions

Problem with one of the main transport routes

- > The affected TSO can call the coordinator
- > All partners including Gazprom can work on possible short- and long-term solutions



Ukrainian Monitoring Mission



- **Established under the chair of the EC in the 3rd and 4th quarter 2014**

- > Term of Reference were set up: Signed by Ukrtransgaz, Gazprom informed
- > Main objectives:
 - Set up a daily report on all the gas flows
 - Gas from Russia to Ukraine
 - For domestic market in Ukraine
 - For transit to EU countries
 - Taking into account
 - Nominations from the Russian side
 - Nominations from Ukrtransgaz
 - Nominations from the relevant EU countries
 - Physical flows
 - Provide the daily report to all partners involved
 - EC, Ukrtransgaz, Gazprom and relevant EU TSOs



Early Warning Team East EWTE



Members

- Open to all TSOs taking in Russian gas
- In addition NET4GAS

Coordinator

- To summon EWT-E in case of need
- Annual rolling basis
- Communication exercises

Responsibility

- Affected TSO decides to call for EWT-E
- TSO calling for EWTE to chair the EWT-E



Communication: Flowchart



Steps carried for setting up the EWTE

