# What structural, political and economic conditions does Russia consider necessary to secure Europe's supply with Russian gas in the future? The Russian view on the January 2009 crisis.

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Presentation at the Alpbach 2009 Economic Symposium – Working Group: "The future of security of supply – how does the 'gas crisis' affect European energy policy?", organised by E-Control, the Federation of Austrian industries and OMV Gas & Power, Wednesday, 2 September 2009, Alpbach, Tyrol, Austria

# The crucial question & three yet-to-be-proved assumptions for Europe

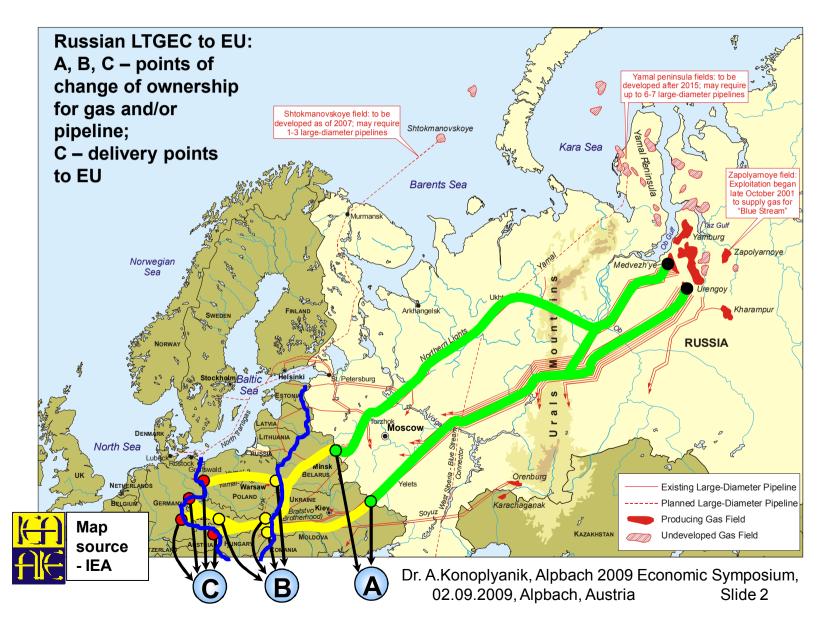
#### The crucial question:

 Which measures should be taken at EU and national levels to avoid a repetition of the January 2009 situation and to guarantee security of supply for Europe?

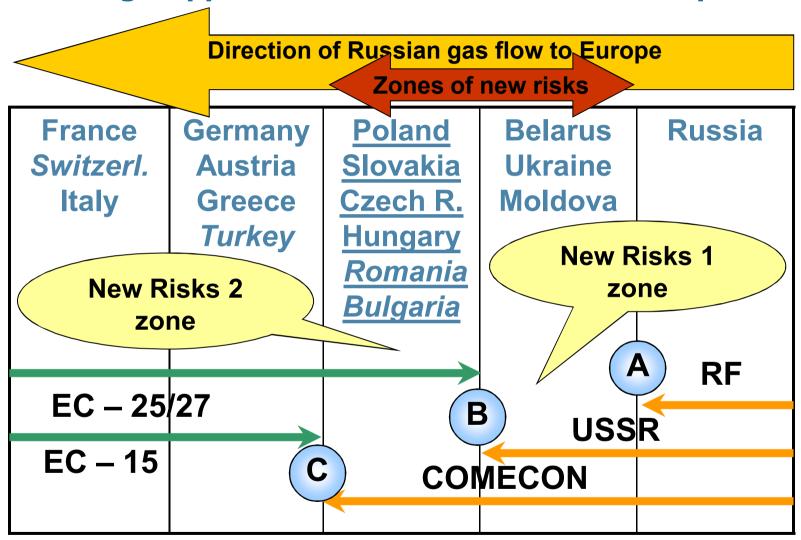
### Three yet-to-be-proved assumptions/draft answers:

- Well-functioning energy markets increase security of supply
  - But: It is not always the case for external producers/exporters from other jurisdictions: market fluctuations at liberal end-market are short-term and good for traders & speculators, but they are de-stimulating for investors in long-term & capital intensive E&P & infrastructure projects located in other jurisdictions and export-oriented at liberal markets
- Diversification and infrastructure investments are costly. How can we diversify nevertheless?
  - But: Increasing stability of existing supplies from existing major suppliers can be less costly & time-consuming than alternative options for consumers, especially if such options do not provide strong economic stimuli for reserveowners/producers/exporters
- Should Europe aim at being self-sufficient in energy supply?
  - But: Era of energy independence is over in global and further globalizing energy world => We need to aim at minimizing risks throughout all segments of cross-border energy value chains within interdependent energy world

# Russian Gas Export to Europe: on-border Sales and Transit Legs

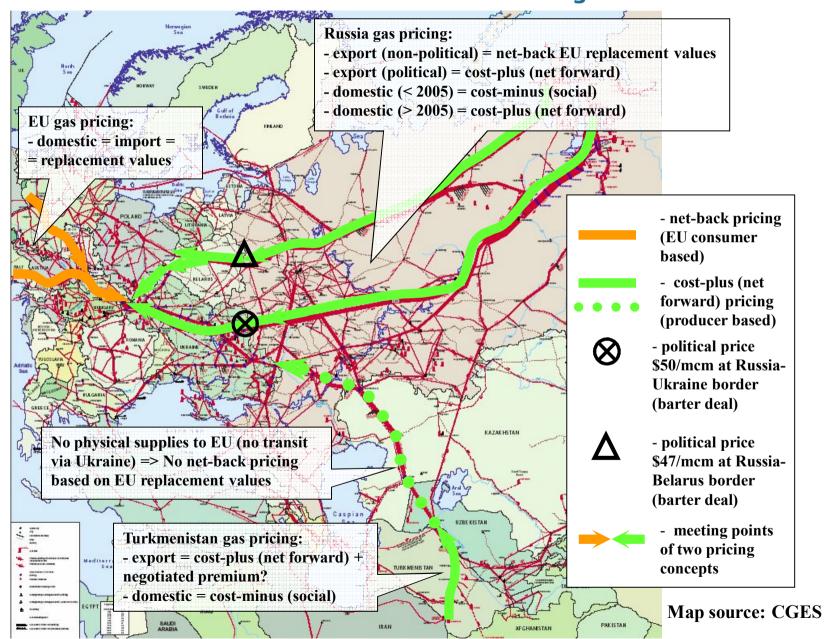


# Russian Gas Supplies to Europe: Zones of New Risks for Existing Supplies Within Russia's Area of Responsibility



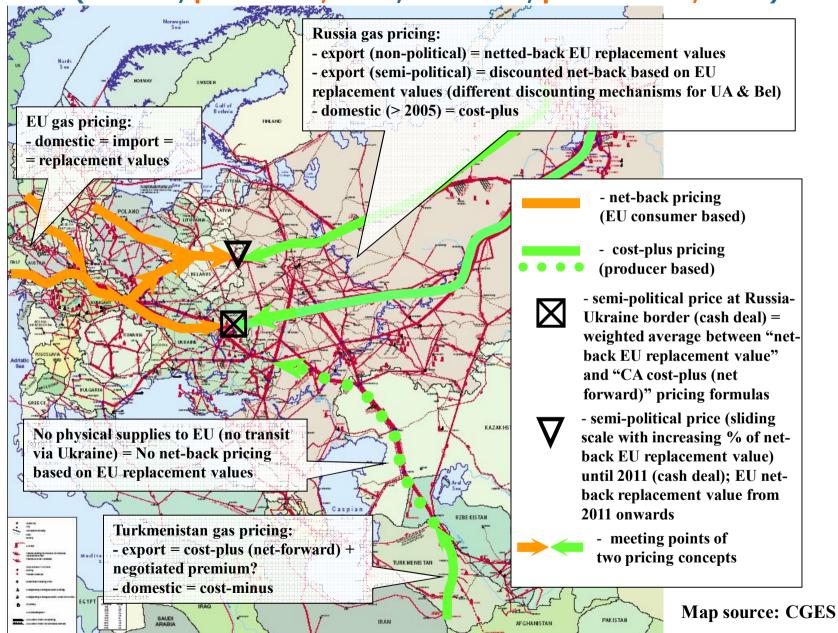
Italic – non-EU countries; New EU accession states: <u>underlined</u> – since 01.05.2004, <u>underlined + italic</u> – since 1.01.2007; A, B, C – points of change of ownership for Russian gas and/or pipeline on its way to Europe

# Russian Gas to Europe prior to January 4, 2006: "Political" and "Non-Political" Pricing Zones

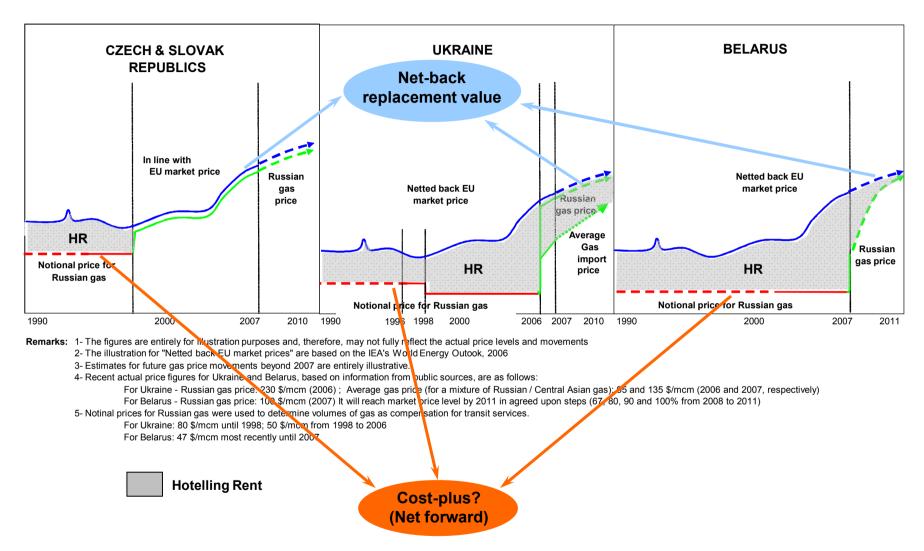


Dr. A.Konoplyanik, Alpbach 2009 Economic Symposium, 02.09.2009, Alpbach, Austria

# Russian Gas to Europe: "Political" and "Non-Political" Pricing Zones 2006-2009 (Ukraine, post-Jan.4, 2006, & Belarus, post-Dec.30, 2006)



#### Russian Gas Prices to the EU and Countries along the Pipe

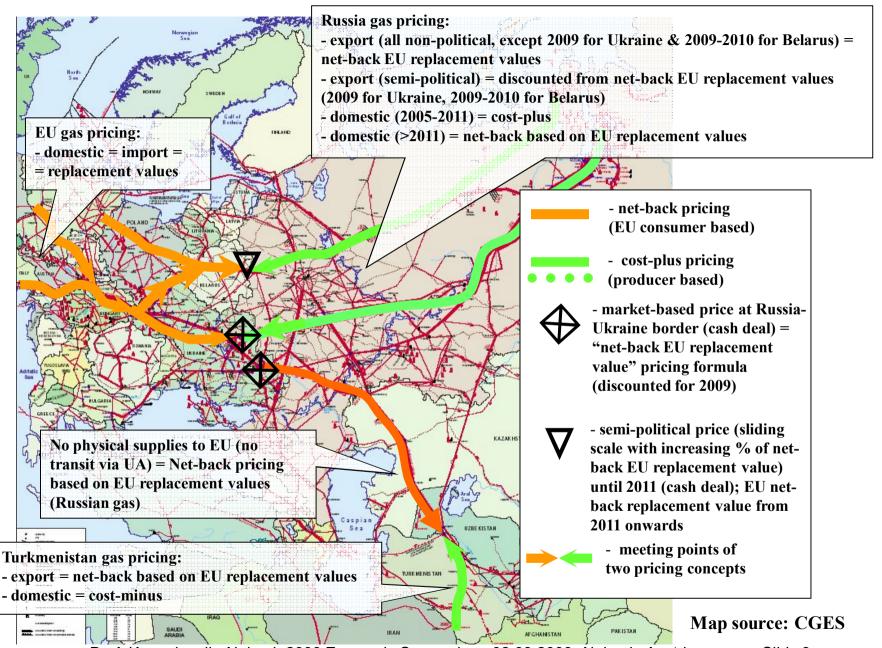


<u>Based on: "Putting a Price on Energy: International Pricing Mechanisms for Oil and Gas". Energy Charter Secretariat, 2007.</u>

## Russia & Former COMECON/USSR states: Different Sensitivity of Transition to Market-based Gas Pricing/Prices

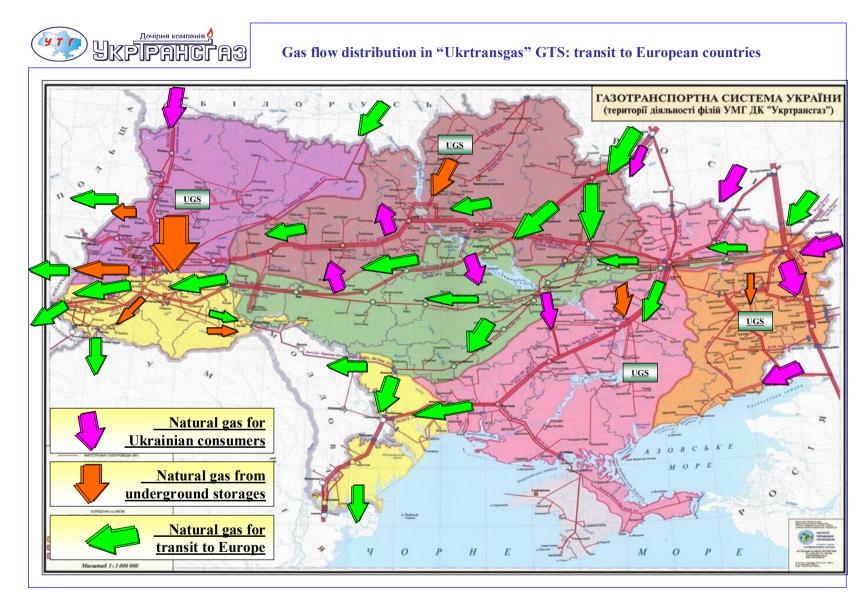
	Czech & Slovak Republics	Ukraine	Belarus
Internal motivation vs. external political obligations to move to market pricing / prices	(No?) / Yes (accession to EU)	No / No	No / No
Price gap (market vs. political price): value (USD/mcm) & trend prior to transition	10- (1998); diminishing	15 (1998), 160 (2005); growing	25 (1998), 170+ (2006); growing
Relative economic value / political sensitivity	Low	High	Highest (Union state)

#### Russian Gas Export to Europe: Pricing Zones since Jan 1, 2009

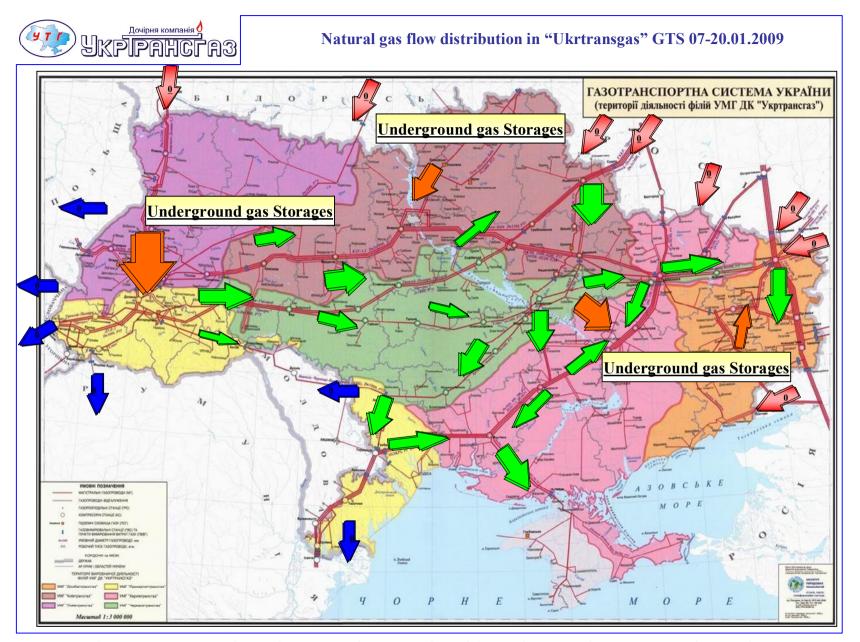


Dr. A.Konoplyanik, Alpbach 2009 Economic Symposium, 02.09.2009, Alpbach, Austria

Slide 8



Source: UkrTransGas presentation at the Energy Charter meeting of the Trade & Transit Group, Brussels, 12 February 2009



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## Naftogaz & Naftogaz Gas Transit

