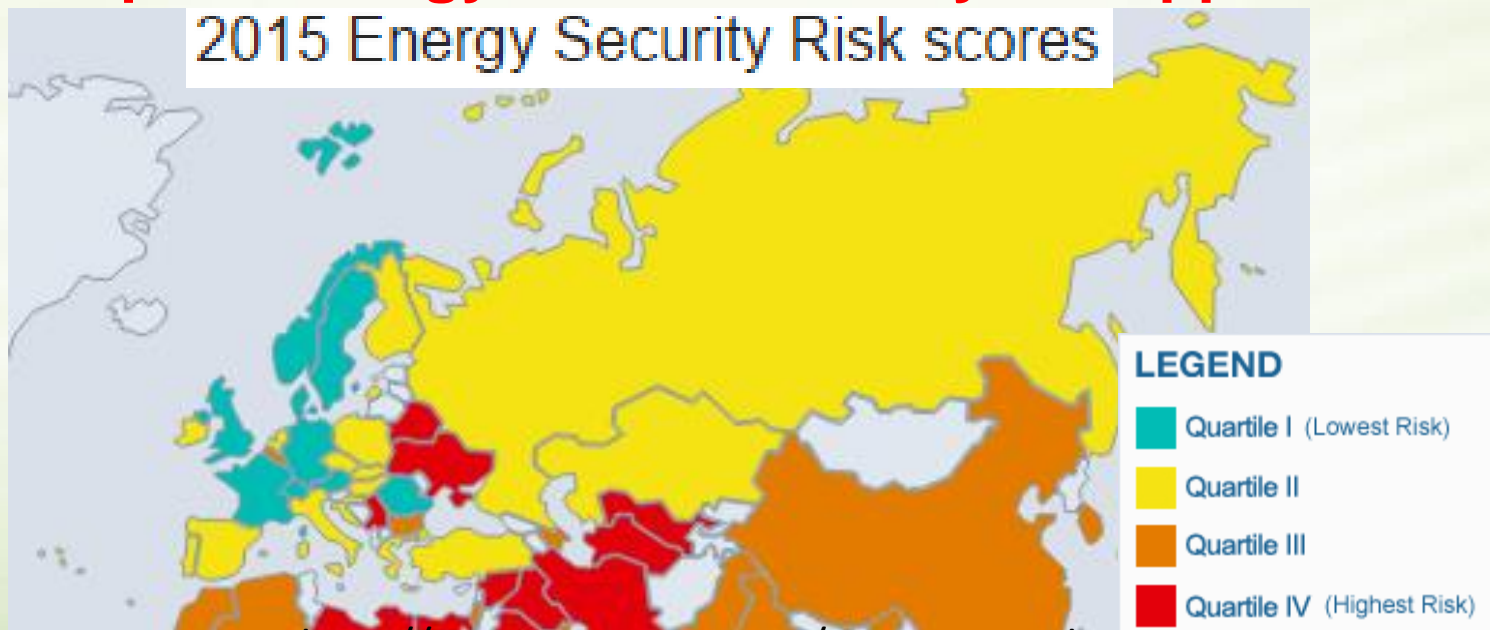




# RESHAPING

## European energy market security of supplies

2015 Energy Security Risk scores



<http://www.energyxxi.org/international-energy-security-risk-index>



Brussels, 5 June 2015  
Andrii Chubyk

## Overview of European energy security



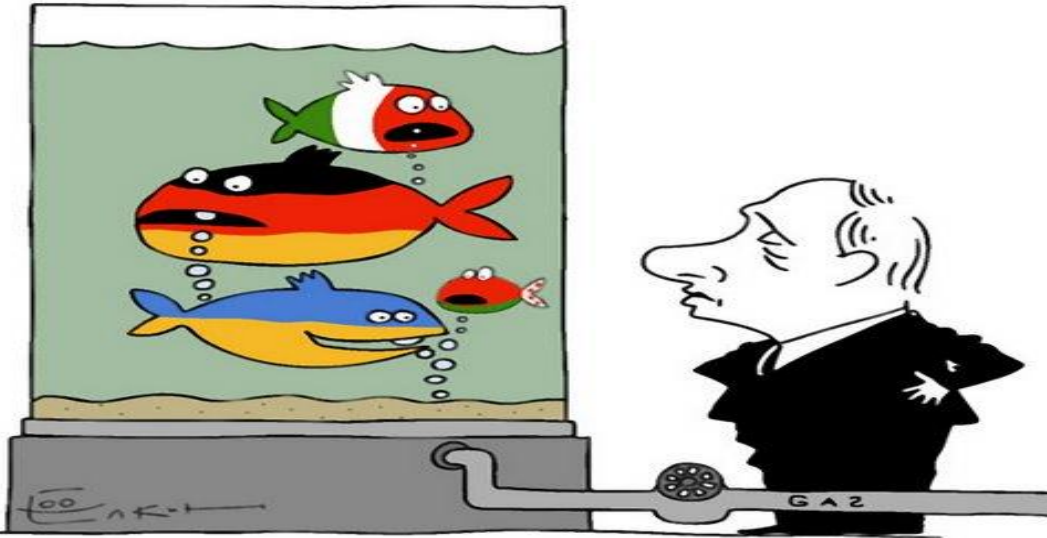
### **EAST:**

Energy as a tool for political pressure;  
Energy as a component of aggression;  
Energy as a tool for bribery and corruption;  
Opposition to transformations on energy market;  
Counteractions against common European energy policies (Energy Charter Treaty, Energy Community)

### **SOUTH:**

Transformations of national states;  
Democratic movements;  
International criminals and terrorism

## Gas confrontation against Europe, announced by V.Putin in Normandy



- Ⓔ reduction of gas supply to some EU member states (summer-autumn 2014)
- Ⓔ complete gas cut off to Ukraine (June-December 2014)
- Ⓔ Large scale destruction of energy infrastructure in Ukraine



*Komsomolets Donbassa coal mine*

Coal mine Pervomayskaya, October mine,  
Volyn (Torezantratsit), Luhansk (Luganskugol),  
Poltava (Orgonikidsevuhillya).

### **G Destruction of coal production in Donbass**

- 93 coal mines totally in Donbass;
- 7 totally destroyed;
- 24 mines in operation;
- 62 mines maintenance works;
- 53 mines on the territory, controlled by pro-Russian separatists.

# From economics to warfare in 2014 (gas)

Military and non-military blocking of the activity of competitors and competitive to the Russian monopolies projects of Western companies



Russian military operations are conducted around Southern and Eastern regions of Ukraine, where Ukrainian government and foreign investors have initiated the conventional (the Black Sea shelf) and unconventional (the East of Ukraine) long-term gas projects.

## From economics to warfare in 2014 (infrastructure)



Novobahmutivka



Lokhvytsia, Poltava region, Urengoy-Pomary-Uzhgorod

### **G** Destruction of transport infrastructure in and around Donbass

- 29 bridges and overpasses;
- 17 Juni Urengoy-Pomary-Uzhgorod pipeline, Poltava region;
- 962 km of roads;
- 164 freight wagons of the Donetsk Railway;
- about 600 enterprises.

# Difference in threats to European energy security (Russia)

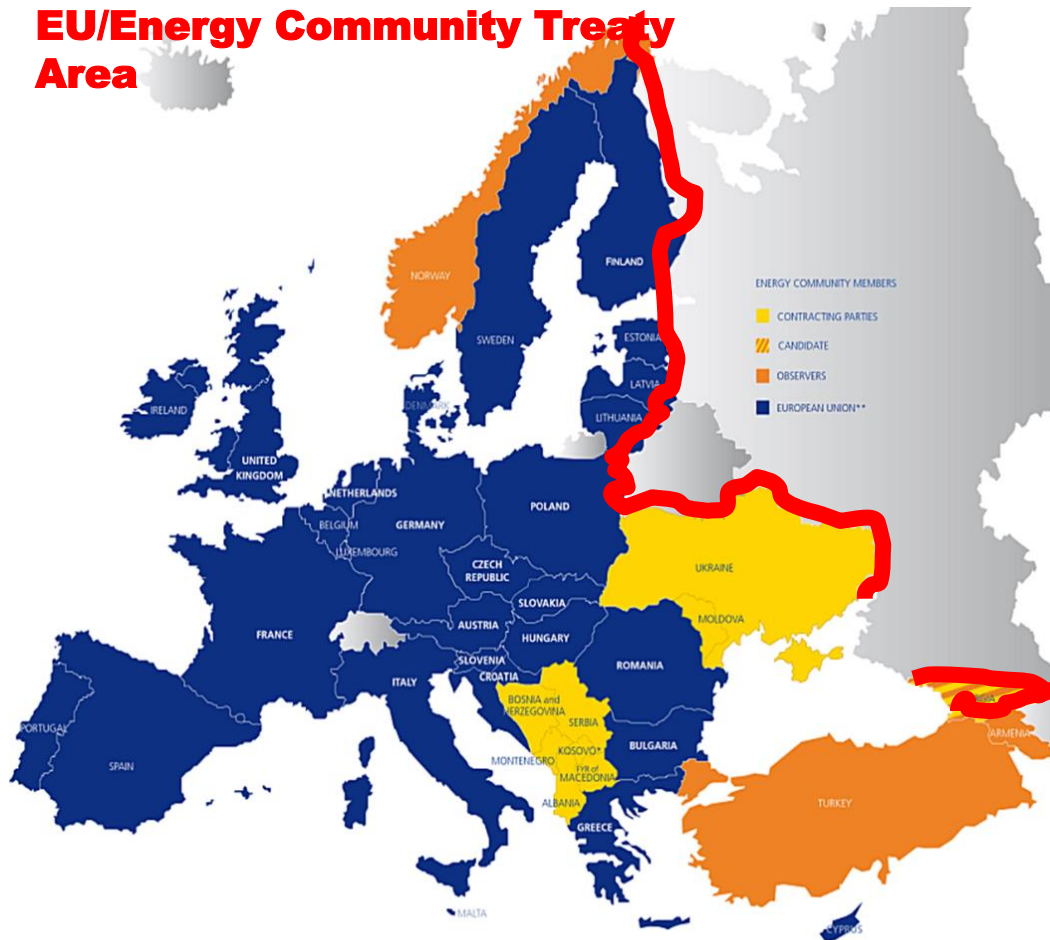
Scenario «Dark areas for alternative sources and routes» is under way to keep Russian monopolist' status quo for Eastern gas corridor



**Total warfare as a approach to relations with the West**

# Counteracting Russian aggressive behavior

## EU/Energy Community Treaty Area



- International monitoring group on GMS at EU/ECT Area;
- free gas transit from the Central Asia to the EU/ECT through Russia;
- Russian gas delivery point on the Ukrainian- Russian border;
- Demonopolization of Russian gas sector, access of Russian independent gas producers on the European gas market;
- return of Russia to the format of Energy Charter Treaty and respect of the EU energy acquis.



Ukraine and Slovakia  
in a post-crisis  
architecture of European  
energy security

Mykhailo Gonchar  
Alexander Datska  
Oleksandr Malynovskyi

Prospects for transport  
of hydrocarbons and bilateral  
cooperation

Centre for Global Studies 'Strategy XXI'



**Hybrid war in Eastern Europe.  
Non-military dimension.  
Energy component.**



Kyiv  
November 2014

**МЕТАНОСФЕРА**

Серія: «Газовий довідник видобутку нетрадиційного газу для України: Бразилія | Техас | Екваторіальна Гвінея | Румунія, Італія/Франція | Малайзія»

**Нетрадиційний газ в Німеччині:  
Ordnung über alles**



№18 - ОБ'ЄКТИВНО  
Листопад 2014



Centre for  
Global Studies  
“Strategy XXI”

**THANK YOU FOR YOUR  
ATTENTION!**

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