

A Russian-Ukrainian Energy Space in Eurasia

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**Workshop on
Prospects of Coordinated Development
in the Eurasian Socio-Economic Space**

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Goal



- ❖ The **main goal** of the activity is a joint international analysis of the status and prospects for coordinated development of the fuel and energy sectors and related sectors of the Russia and Ukraine as well as neighborhood areas, including assessment of realization of joint projects for the development of energy infrastructure, energy efficiency and environmental protection' programs in the form of a common Eurasian energy space on the basis of joint modeling studies.
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CIS and Eurasia



Tasks:

- ❖ Comparative analysis of the scenarios for the fuel and energy complex of Russia, Ukraine and neighborhood countries and regions
 - ❖ Development of coordinated scenarios for fuel and energy complex of Russia and Ukraine for the period until 2030
 - ❖ Development of a comprehensive model platform - analytical tool for the elaboration and evaluation of the proposed joint Energy scenarios for Russia and Ukraine economic and energy development
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Scenarios:

- ❖ Inertia
- ❖ Optimism
- ❖ Pessimism

Scenarios Formation



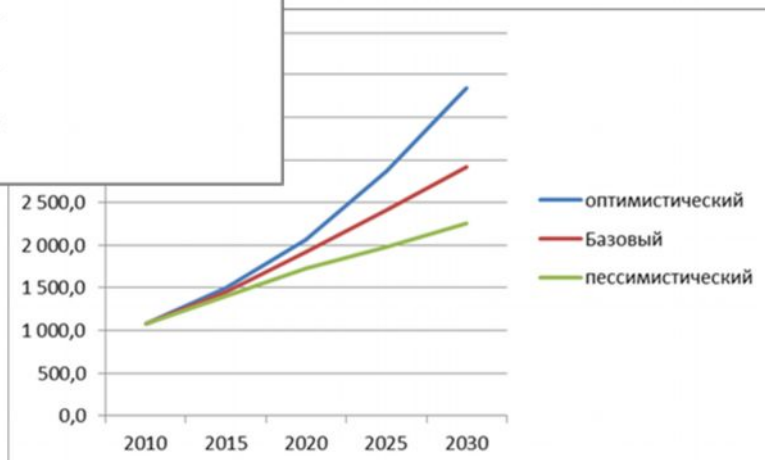
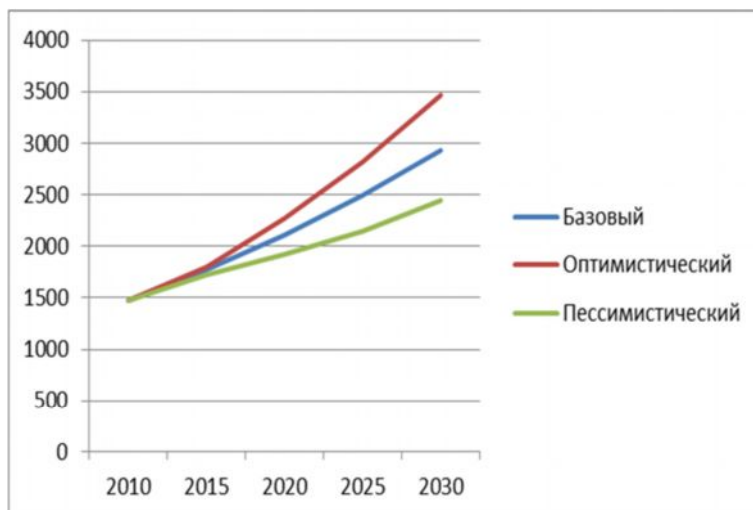
- ❖ Geopolitics
 - ❖ Level and formats of integration
 - ❖ World energy prices
 - ❖ Economic Activity and living levels
 - ❖ Investment climate
 - ❖ Energy efficiency and climate policies
 - ❖ Regional energy trade
 - ❖ Energy export/import policies
 - ❖ Energy infrastructure
 - ❖ Domestic energy markets regulations
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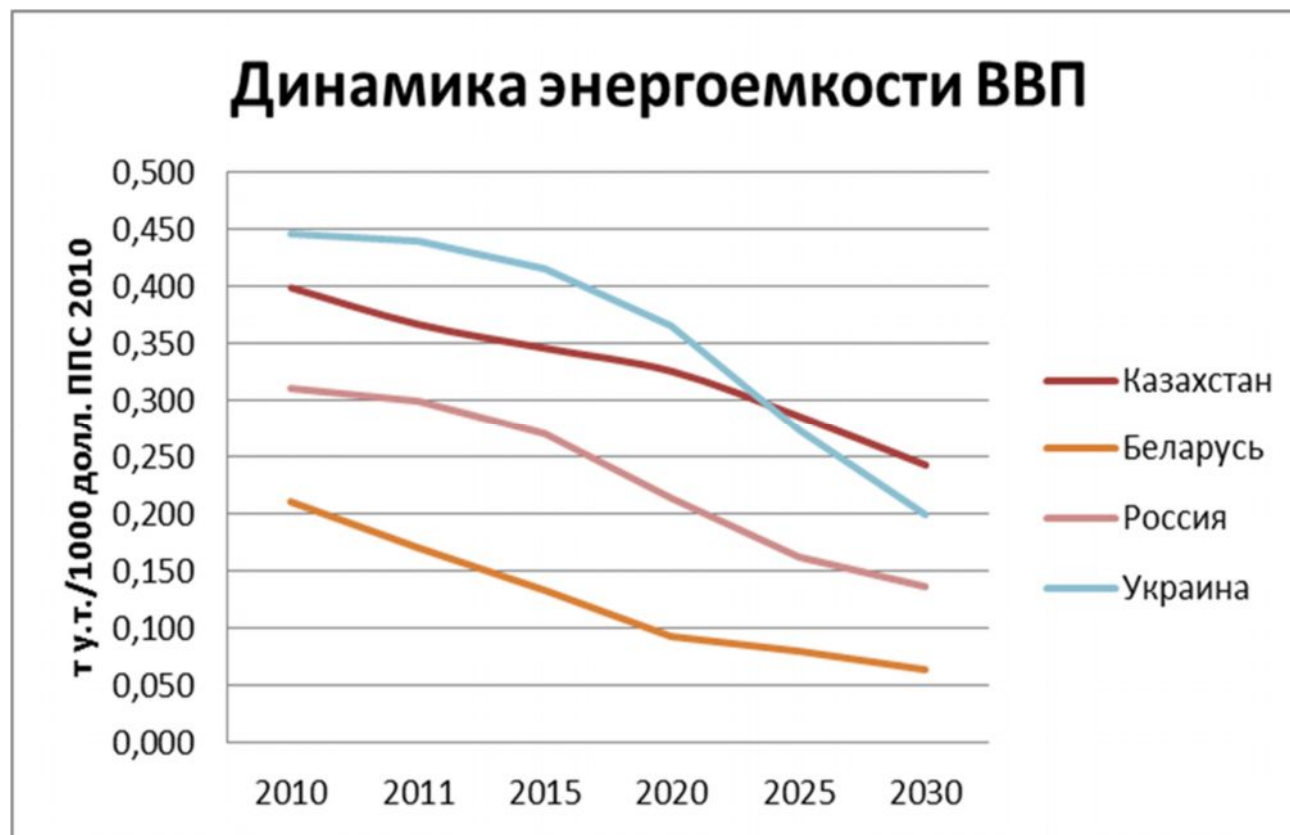
External Centers of Power



- ❖ **Russia and CU (Eurasian economic society)**
 - ❖ **EC**
 - ❖ Other former Soviet Union republics outside CU (Caspian)
 - ❖ Turkey / Iran
 - ❖ China
 - ❖ USA
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Russia and Ukraine GDP Growth Rates

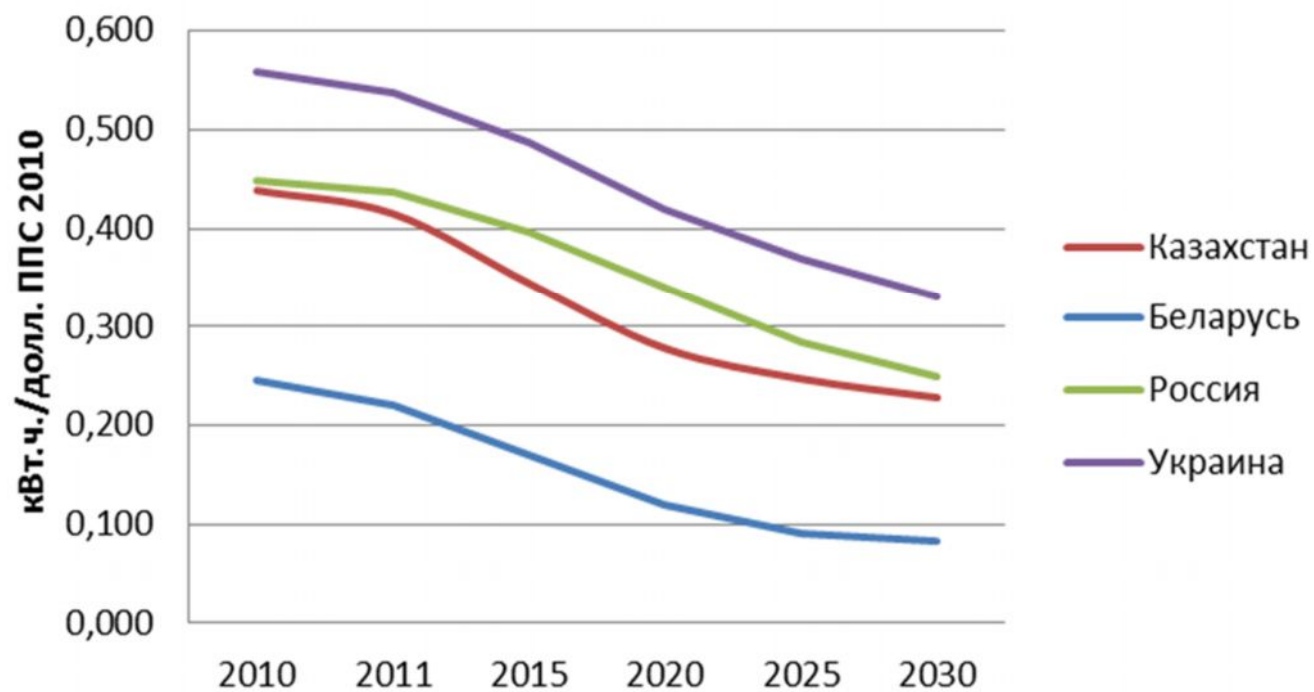




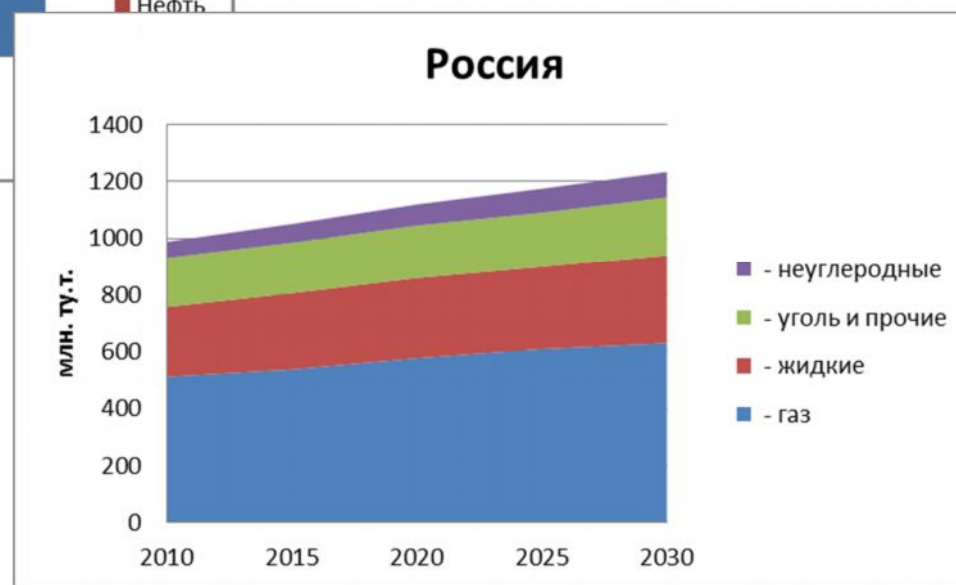
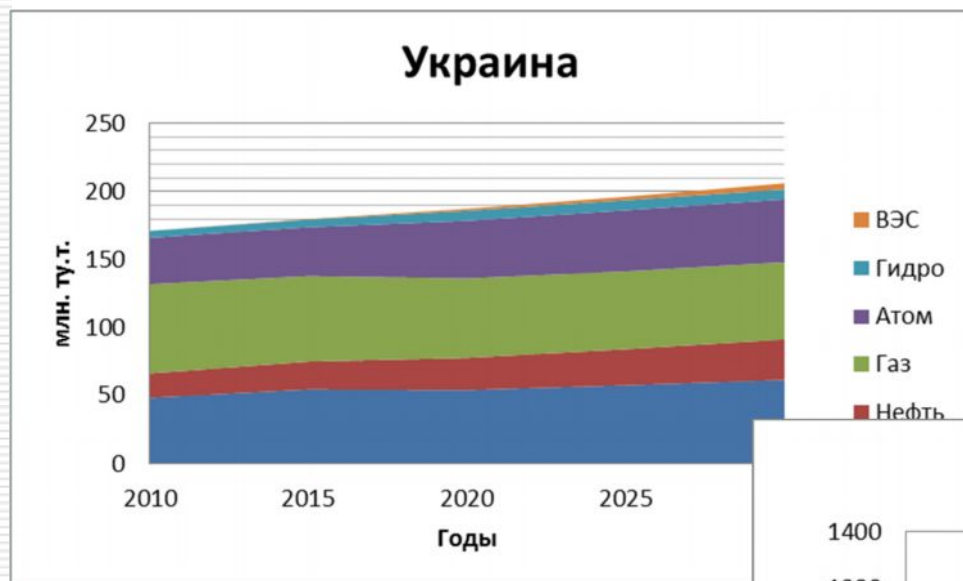
GDP Electricity Intensities for Ukraine and CU countries



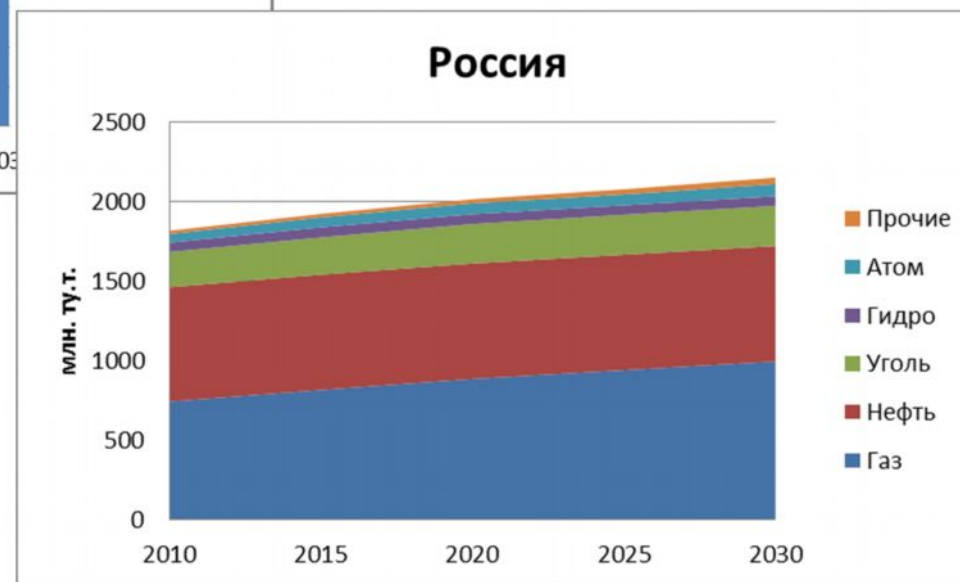
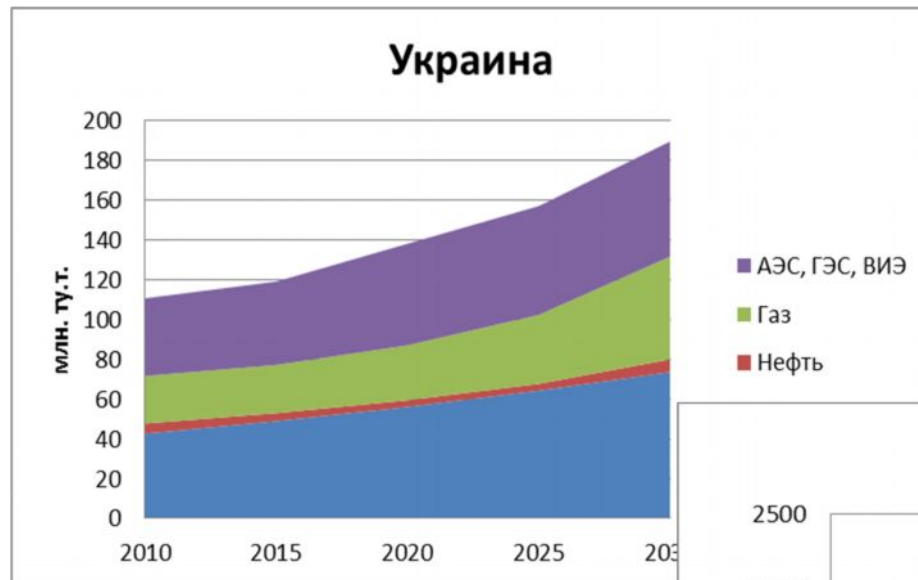
Динамика электроёмкости ВВП



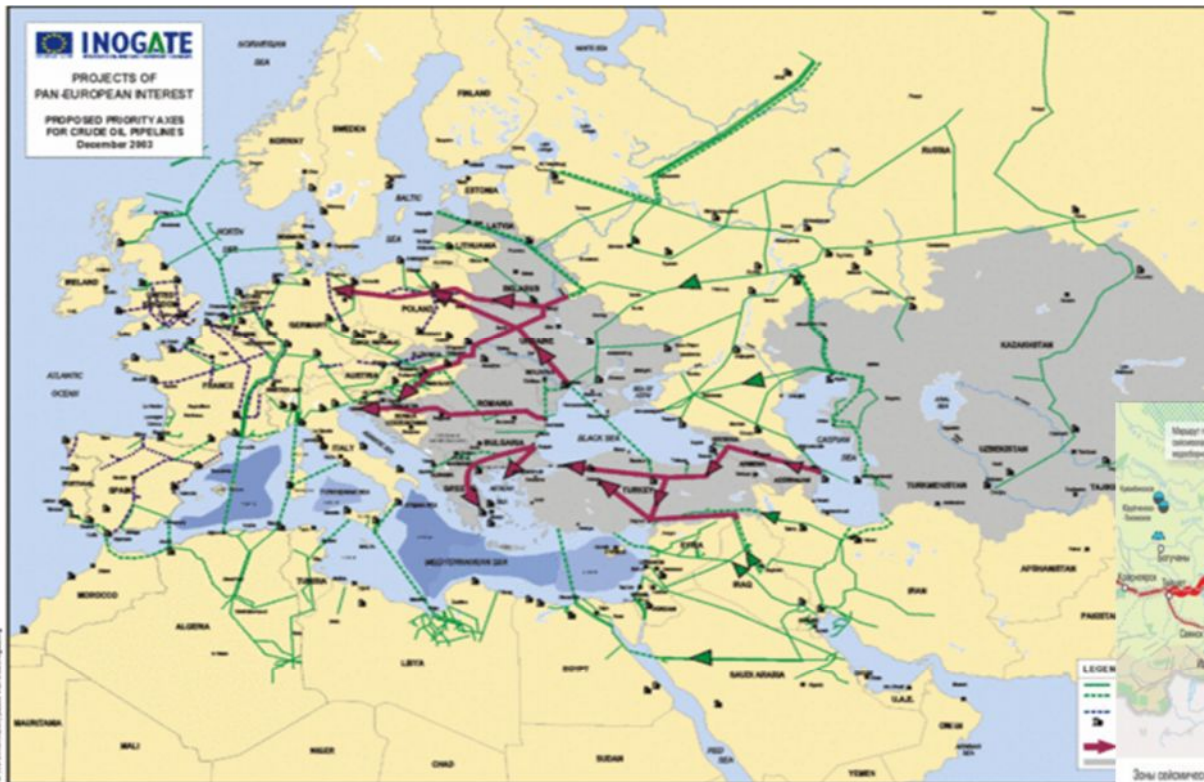
Internal Primary Energy Demand: Ukraine and Russia



Primary Energy Production: Ukraine and Russia

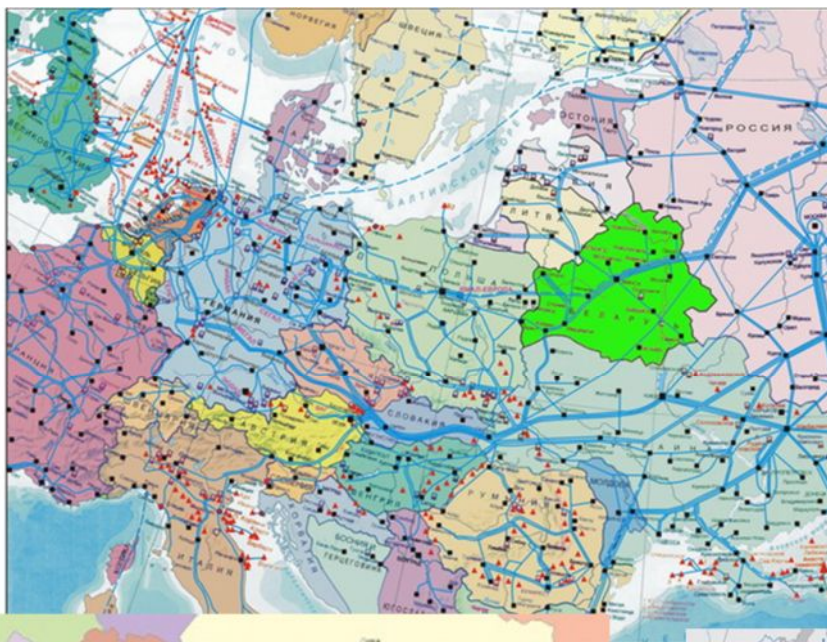


Eurasian Oil Pipeline Network



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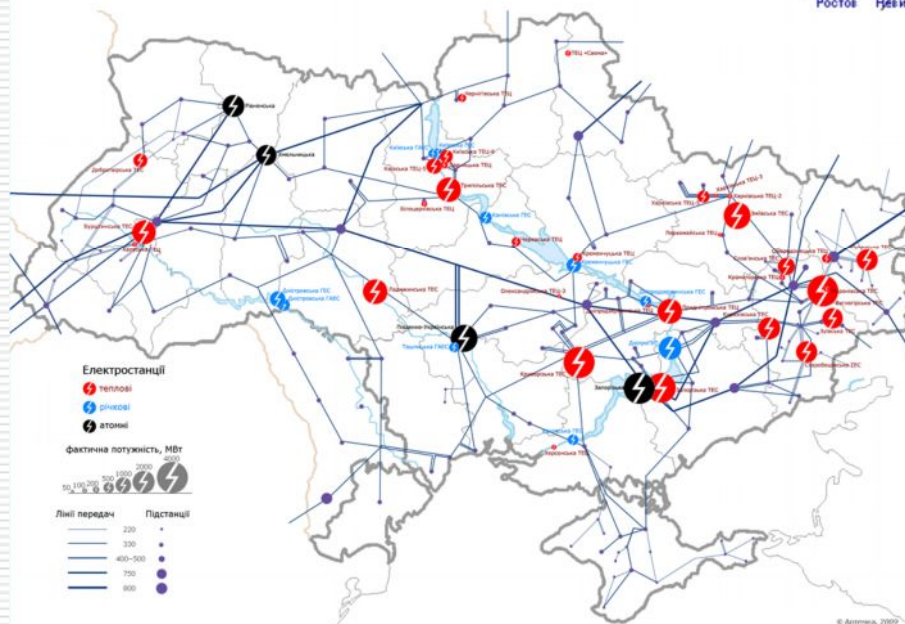
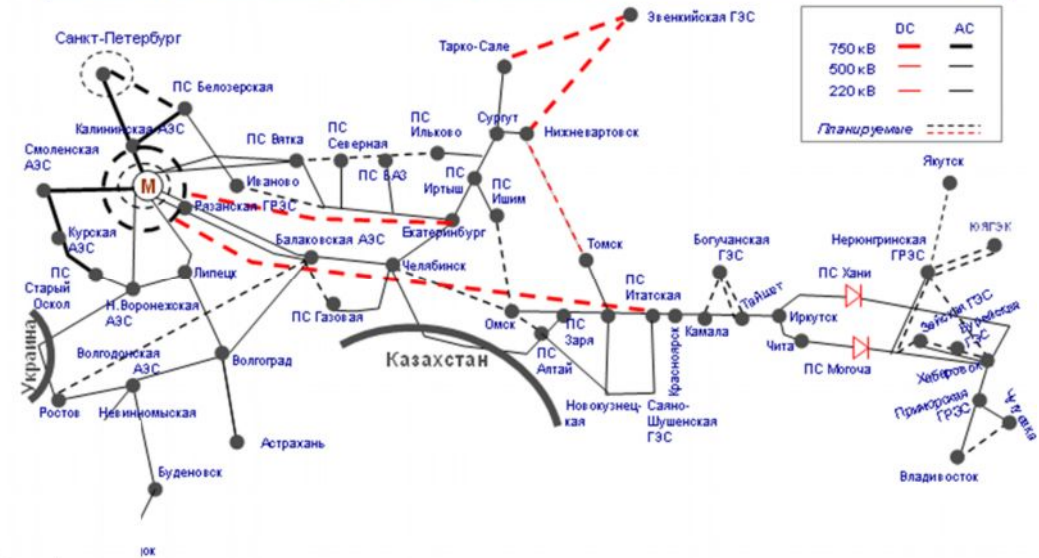
Development of Eurasian Gas Network



Russian & Ukrainian electricity Network

3. Развитие электрических сетей

3.1 Схема развития основной электрической сети



Partners for Research Network



- ❖ ERI RAS (Russia)
 - ❖ Economy and forecasting institute of the Ukrainian NAS
 - ❖ IMM Ural Branch of RAS (Russia)
 - ❖ General Energy Institute of the Ukrainian NAS
 - ❖ Economy Institute of the Academy of Science of Belarus'
 - ❖ Nazarbaev' Institute (Kazakhstan)
 - ❖ IIASA (?)
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Models Network



- ❖ SCANER (ERI RAS – Russia)
- ❖ TIMES (Ukraine, Belarus', Kazakhstan, Russia (?))
- ❖ MERGE (Ural – Russia)
- ❖ MESSAGE (IIASA-?)

❖ **THANK YOU FOR YOUR ATTENTION!**
