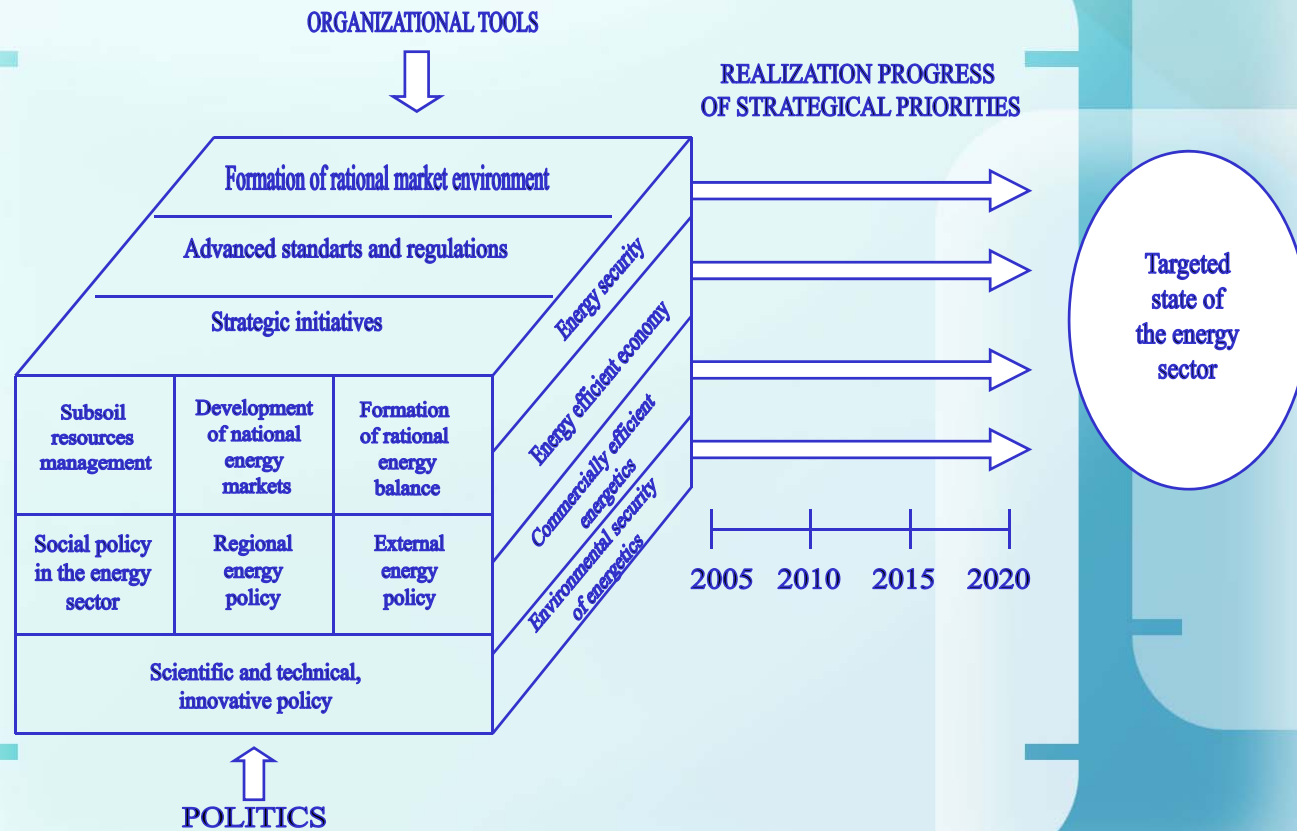


Energy policy of Russia: “Eastern vector”

V.V. Saenko
Deputy General Director
Institute of Energy Strategy



Structure diagram of ES-2020



Priorities of the external energy policy of Russia



- ensuring maximal benefits for the country from the economic activity in the sphere of export, import and transportation of energy resources
- expansion of Russian companies' presence in the global energy markets
- stimulation of growth in the amount of exported production with high added value and export's structure diversification;
- diversification of directions of energy resources export;
- providing support for mobilization of foreign investment into the national economy ;
- enhancement of cooperation between producers and consumers of energy resources;
- development of new forms of international energy cooperation.

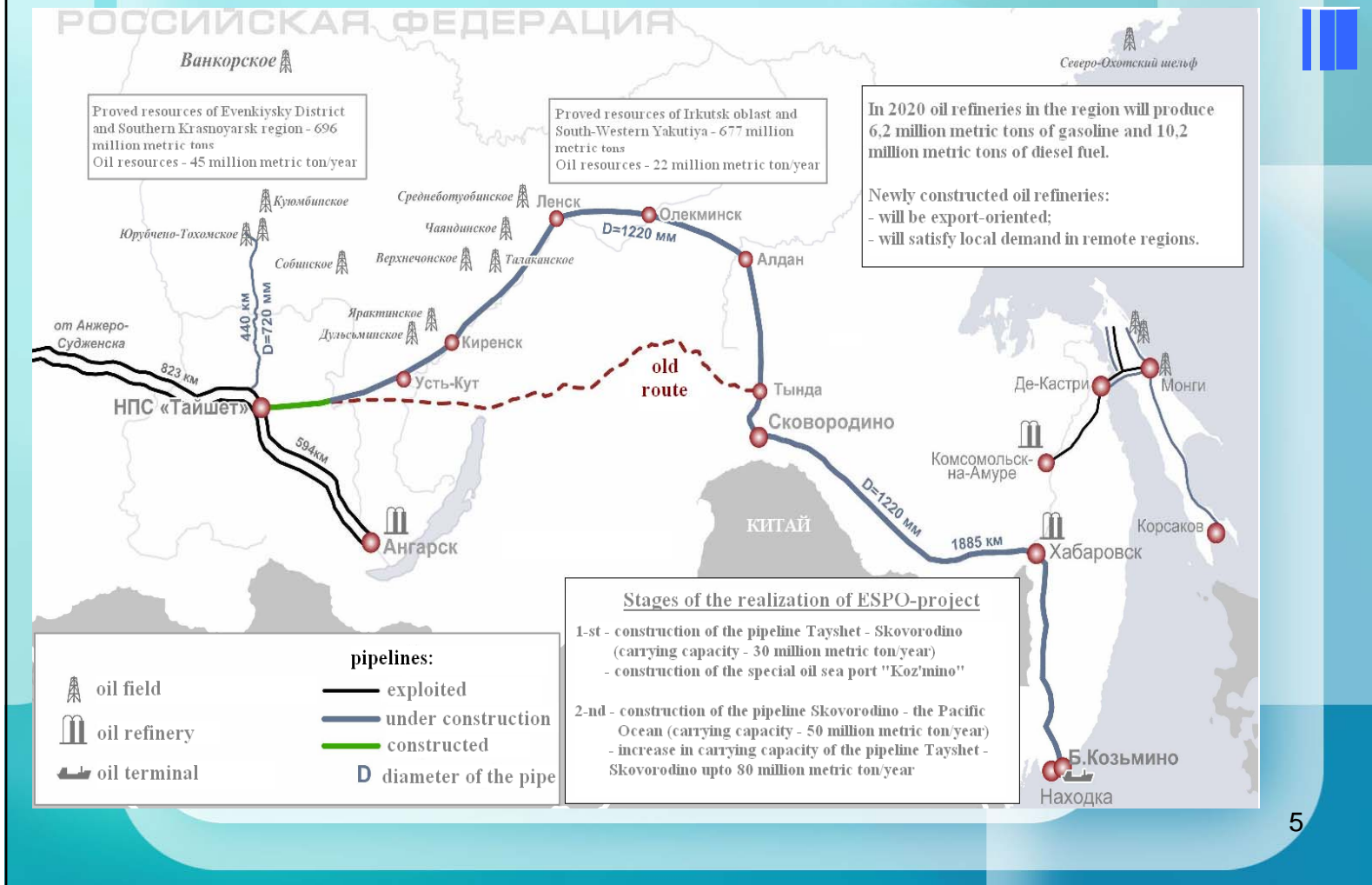
Estimated growth rates of the primary energy consumption, %



	International Energy Agency			Energy Information Administration			Institute of Energy and Finances		
	2004-2015	2015-2030	2004-2030	2004-2015	2015-2030	2004-2030	2006-2015	2015-2030	2006-2030
World	2,3	1,4	1,8	2,1	1,5	1,8	2,5	2,3	2,4
OECD	1,1	0,6	0,8	0,9	0,8	0,8	1,0	0,6	0,8
Developing economies	3,8	2,2	2,8	3,3	2,1	2,6	3,4	3,3	3,4
Asia	4,3	2,2	3,1	4,1	2,6	3,2	3,4	1,9	2,5
Middle East	3,9	2,3	2,9	3,1	1,7	2,3	3,9	2,2	2,9
Africa	1,8	1,8	1,8	3,1	1,7	2,3	2,3	1,8	2,0
South America	2,6	2,0	2,3	3,1	1,8	2,4	2,5	1,9	2,1

Sources: IEA (World Energy Outlook 2007); EIA (International Energy Outlook 2007); FIEF, 2007.

Scheme of oil-trunk pipelines and oil refineries in the Eastern part of Russia





Formation of new gas-extraction centers in the Siberia and Far East



Measures of national energy policy (in effect)



In pursuance of national energy policy, the Government:

- approved amendments to the Tax Code of the Russian Federation, dealing with the mechanism of the Unified Natural Resources Production Tax (UNRPT) collection
- approved the package of measures aimed at creation of favorable terms for associated gases' utilization
- annulled state price regulation of associated gas sold to gas-processing plants
- annulled import duties on equipment for oil refineries not produced in Russia
- created favorable customs conditions for petroleum refining at Russian oil refineries
- approved the General scheme of electric power facilities' distribution

Measures of national energy policy (planned)



- **Zero-rate UNRPT at the initial stage of oil fields' exploration in the offshore areas of the Black Sea and the Sea of Okhotsk;**
- **Tax benefits and exemptions for stimulation growth in oil extraction and putting into operation idle oil wells;**
- **Abolition of redundant administrative barriers in the sphere of oil extraction, storage and transportation;**
- **Increase in validity of standards of hydrocarbons' process losses;**
- **Decision-making in the sphere of tariffs, guaranteeing resources availability for new export destinations;**
- **Development and approval of the Order of non-discriminatory access to the free capacities of gas transmission networks in the Russian Federation;**

Measures of national energy policy (planned)



- **Development and approval of the Technical regulations “About security of industrial processes and gas transmission systems”, “About security of long-distance, intra-field and local feeding pipeline transport”;**
- **Stimulating creation on the territory of Russia new oil, gas and chemical refineries independent from vertically-integrated companies;**
- **Introduction of zero-rate import duty on petrochemicals, including aviation fuel of 3-rd, 4-th and 5-th class;**
- **Transformation of the mechanism of export duties’ on light and heavy petroleum products collection in order to increase the commercial efficiency of the projects on deep oil processing.**

Measures of national energy policy (planned)



- **Development and approval of the:**
 - **Energy Strategy of Russia for the year 2030;**
 - **General scheme of development of the gas industry;**
 - **General scheme of development of the pipeline transport;**
 - **Program of long-term development of the coal industry;**
 - **State program on research and exploration of the continental shelf of the Russian Federation;**
 - **Program of long-term development of the Far-Eastern fuel and energy complex;**
 - **Program of development of oil refining capacities in the regions of the Siberia and Far-East.**

Estimated volumes of energy resources' production in the Siberia and Far East



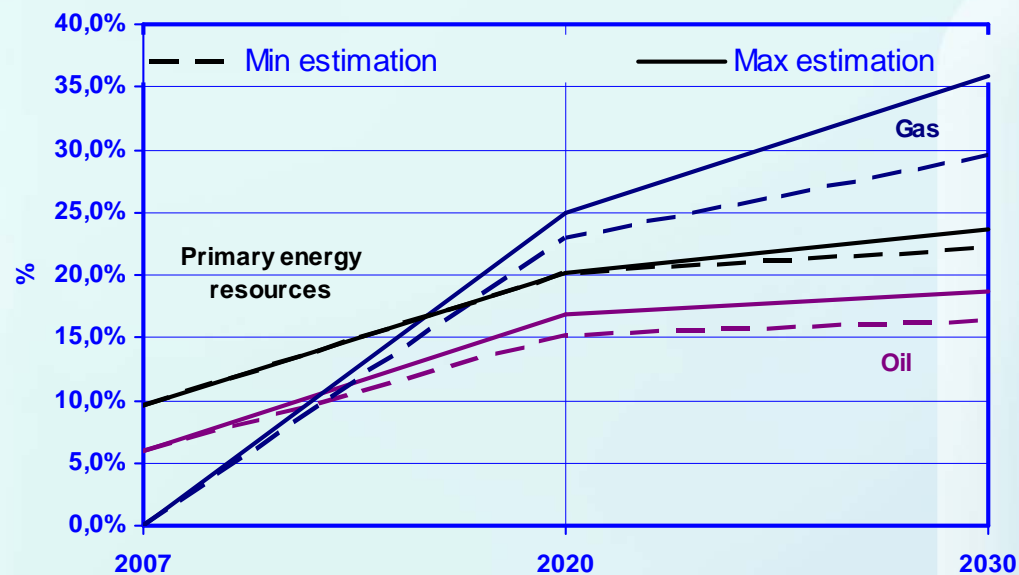
Increase in volumes of the energy resources' production in the region is the leading factor of the development of the Russian external energy policy's "eastern vector"

	Unit of measurement	2007 г.	2020 г.		2030 г.	
		Actual	Min	Max	Min	Max
Primary energy resources	million tons of coal equivalent.	121,8	328,9	412,7	429,7	547,4
Oil	million metric tons	15,6	64	85	71	101
Gas	billion cubic meters	9,7	82	148	112	172
Coal	million metric tons	106,2	208	248	245	309
Electricity	billion kWh	190,3	339	424	437	558



Estimated share of the APR in the export of Russian energy resources

According to present estimations, the share of APR in the export of Russian energy resources will gradually increase



Cooperation between the Russian Federation and Japan in the sphere of energy industry



Principal documents:

- «Main directions of the long-term partnership between the Government of the Russian Federation and the Government of Japan in the sphere of energy industry»
- «Subjects of partnerships in particular spheres of the energy industry»

Main directions of cooperation:

- exploration and exploitation of fields of energy resources, their transportation and processing
- construction of the pipeline system “The Eastern Siberia – The Pacific Ocean”
- development of electric power industry, renewable energy resources, introduction of high technologies into the energy industry
- increase in energy efficiency and development of energy saving
- ecological efficiency of the energy industry

**Thank you
for attention!**