MINISTRY OF TRANSPORT
OF THE RUSSIAN FEDERATION

INTEGRATING TRANSPORT SYSTEM
OF THE RUSSIAN FEDERATION INTO THE
INTERNATIONAL MARKET

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Minister

2007
INVESTMENT POLICY

Concentration of the budget resources on a number of priority projects (FEDERAL PROGRAMS)

Implementing new technologies, financial instruments and management resources of the private sector using PPP mechanism

Planning the development of the infrastructure according to the principles of balance and coordination

Concession law

New budgetary mechanism – Investment Fund

Three year planning Budget

Feasibility stage on a number of projects

Investments in transport infrastructure
STRATEGIC DEVELOPMENT ZONES IN THE INTERNATIONAL TRANSPORT CORRIDOR SYSTEM

ITC «NORTH-SOUTH»

NORTHEAST SEA WAY

ITC «WEST-EAST»

Moscow

Vladivostok

Novorossiysk

TransSiberian Mainline

St. Petersburg
THE SYSTEM OF TRANSPORT COMMUNICATIONS

- Pan-European corridor #2
- TransSiberian mainline
- Northern transport way
Criteria for initiating projects on PUBLIC-PRIVATE PARTNERSHIP (PPP) BASIS

Twelve basic requirements ......

1. Enactment of clear Legislation
2. Creation of a fair judicial environment
3. Long-term political support;
4. Strong & detailed, international grade concession agreements;
5. Feasible projects;
6. Transparent bidding processes;
7. Early Government support mechanisms;
8. Strengthening local capital markets;
9. Multilateral agency buy in for loans and credit support;
10. An active State Development Bank;
11. Independent Regulator to monitor Govt performance;
12. Increasing macroeconomic stability
MAIN PROJECTS OF TRANSPORT INFRASTRUCTURE DEVELOPING IN THE RUSSIAN FEDERATION ON A PUBLIC-PRIVATE-PARTNERSHIP (PPP) BASIS
**MAIN PROJECTS**

<table>
<thead>
<tr>
<th>Project Number</th>
<th>Project Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>MOSCOW TRANSPORT SYSTEM</td>
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<tr>
<td></td>
<td>complex modernization of Moscow HUB</td>
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<td></td>
<td>modernization of Central Ring Road and constructing a new logistic ring around in Moscow district region</td>
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<td>the Odinzovo town North bypass</td>
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<td>2</td>
<td>ST. PETERSBURG TRANSPORT SYSTEM</td>
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<td></td>
<td>Western High Speed Diameter in St. Petersburg</td>
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<td>Sea port UST-LUGA</td>
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<td>Marine terminal in St. Petersburg</td>
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<td>3</td>
<td>Development of St. Petersburg HUB basing on Pulkovo airport</td>
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<tr>
<td>4</td>
<td>FORMING A new TRANSPORT CORRIDOR “URAL INDUSTRIAL – URAL ARCTIC”</td>
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<tr>
<td>5</td>
<td>TRANSPORT SYSTEM OF PRIMORIE “VOSTOCHNIY – NAHODKA”</td>
</tr>
<tr>
<td>6</td>
<td>NOVOROSSIYSK TRANSPORT SYSTEM</td>
</tr>
<tr>
<td>7</td>
<td>KRASNOYARSK HUB</td>
</tr>
<tr>
<td>8</td>
<td>MURMANSK TRANSPORT SYSTEM</td>
</tr>
<tr>
<td>9</td>
<td>MODERNIZATION OF ARCTIC TRANSPORT SYSTEM</td>
</tr>
<tr>
<td>10</td>
<td>EKATERINBURG TRANSPORT SYSTEM</td>
</tr>
<tr>
<td>11</td>
<td>TRANSPORT CORRIDOR MOSCOW – ST. PETERSBURG; Development of high speed roads and high speed railways</td>
</tr>
<tr>
<td>12</td>
<td>SOCHI MARINE CENTRE</td>
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Murmanskaya oblast as a transit bridge of the trade flows to/from Europe, USA and Canada.
The transport route through Murmansk is economically attractive for trade flows to Europe and USA.

From Murmansk to:
- Boston 4,022 sea miles (13 days 23 hours) & ($981-2453)*
- New-York 4,190 sea miles (14 days 13 hours) & ($1024-2560)*

From Shanghai to:
- Seattle 5,096 sea miles (17 days 17 hours) & ($1243-3108)*
- San Francisco 5,398 sea miles (18 days 18 hours) & ($1317-3292)*
- Los Angeles 5,708 sea miles (19 days 20 hours) & ($1392-3481)*

Length of railway = 8300 km
6660 km – Zabaykalsk – Moscow
1640 km – Moscow – Murmansk ($1800)*

* For 1 TEU
DEVELOPMENT OF TRANSPORT SYSTEM “VOSTOCHNIY - NAHODKA”

Building a container terminal and logistic centre in the port for Far East container flows

Major FUNCTIONALITY:
- Overturn of container cargo
- Rising the capacity of port container terminals
- Complex of transport-logistic services
- Planning of optimal logistic schemes for door-to-door transportation.

Expecting RESULTS:
- Decreasing the costs of consignors at least for $300 / TEU
- Decreasing the time of container transportation from 15-25 days up to 3-5 days
TRANSPORT SYSTEM OF PRIMORIE IN THE ASIAN-PACIFIC REGION

- Habarovsk
- Birotidjan
- Vostochniy
- Grodekovo
- Harbin
- Chang-Chun
- Pusan
- Dalian
- Tientsin
- Qingdao
- Komsomolsk-on-Amur
- Vanino
- Juzhno-Sahalinsk
- Tokoyo-Jokogama
- Nagoya-Jokachi
- Osaka-Cobe
- Zabaykalsk
- Tbilisi
- Grodekovo
- 760 km
- 520 km
- 387 km
- 929 km
- 459 km
- 358 km
- 315 km
- 270 km
- 281 km
- 304 km
- 293 km
- 270 km
- 262 km
- 254 km
PILOT PROJECTS IN TOLL ROADS

1. MOSCOW-SAINT PETERSBURG HIGHWAY

2. ROAD AROUND ODINTSOVO TOWN

3. CENTRAL MOSCOW RING ROAD

4. WESTERN SPEED DIAMETER IN SAINT-PETERSBURG
BUILDING AND MODERNIZATION OF TRANSPORT OBJECTS IN CONNECTION WITH ASIAN PACIFIC ECONOMIC COOPERATION (APEC) SUMMIT in 2012 AT VLADIVOSTOK
CONSTRUCTION OF A BRIDGE across Zolotoy Rog Bay

MODERNIZATION OF THE VLADIVOSTOK AIRPORT

CONSTRUCTION OF AN AUTOMOBILE ROUTE along the BAY

CONSTRUCTION OF A BRIDGE across Bosfor-Vostochniy channel to Russkiy Island
CONSTRUCTION OF A BRIDGE across Zolotoy Rog Bay In Vladivostok
CONSTRUCTION OF A BRIDGE across Zolotoy Rog Bay In Vladivostok

LENGTH
- approaches: 1.5 km
- the bridge: 1.5 km

NUMBER OF LANES: 4-6

TRANSPORT JUNCTIONS: 2
A BRIDGE across Bosfor-Vostochniy channel to Russkiy Island

<table>
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<tr>
<th>Specification</th>
<th>Measurement</th>
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<tbody>
<tr>
<td>LENGTH</td>
<td>3,2 km</td>
</tr>
<tr>
<td>approaches</td>
<td>1,5 km</td>
</tr>
<tr>
<td>the bridge</td>
<td>1,7 km</td>
</tr>
<tr>
<td>NUMBER OF LANES</td>
<td>4</td>
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</tbody>
</table>
CONSTRUCTION OF A AUTOMOBILE ROUTE from the Airport along the BAY

It will have the appropriate capacity of safe and high speed transportation for the APEC delegations during the Summit in 2012

LENGTH
- highway (1b category) 83,0 km
- streets 68,1 km
- bridge 10,0 km
- viaducts 1,7 km
- viaducts 4,0 km

NUMBER OF LANES
- 4

TRANSPORT JUNCTIONS
- 4

TRAFFIC CAPACITY
- 14 000 a/h

TERMS of DESIGN
- 2007-2008