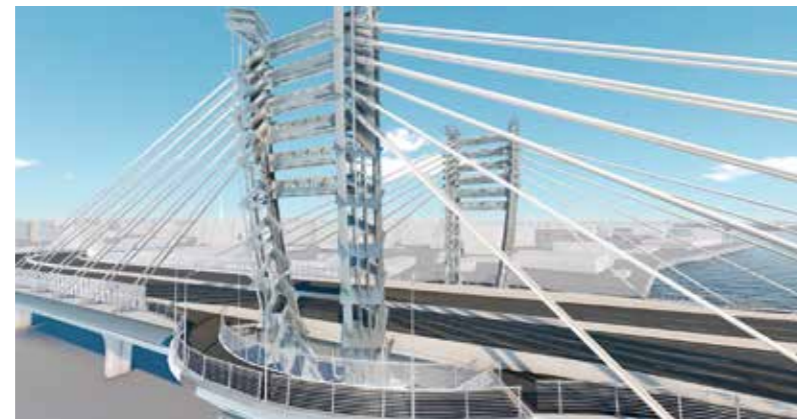


STROYPROEKT ENGINEERING GROUP has been actively adopting BIM technologies in design.

BIM FACILITATES collaboration of project teams, ensuring proper coordination of various groups of engineers and, thus, ensures proper data exchange. That means, by integrating all project data into a single intelligent 3D model, BIM makes it available to all project players — Client, Designer, Contractor, Expert and Supervision teams.



THE TECHNOLOGY enables all participants to work more responsively to changes in the project. Moreover, inconsistencies can be eliminated and all changes are agreed at an early stage, and separate designers can interact more efficiently to achieve a common goal.

Thus, all design aspects combined in a digitized model give the players the insight and tools to form a complete picture of the project, from the very stage of design to the future maintenance and operation.

BIM offers opportunity to evaluate various options of the project's design, assessing its construction time and cost, as well as the future maintenance cost.



STROYPROEKT is a modern Russian company committed to the Client's requests and capable to propose sustainable solutions for the most complex situations. Our policy is openness and a comprehensive approach. We always strive to satisfy our Clients. We suggest modern concepts and materials and state-of-the-art technologies. We always coordinate preliminary designs and final technical solutions with our Clients.



STROYPROEKT'S ENGINEERS AND CONSULTANTS always focus on sustainability, constructability and reliability of our products and deliverables.

We have a unique team of experienced, qualified and highly skilled specialists.

We employ the best and brightest: people who are passionate about what they do.

Stroyproekt Engineering Group has successfully implemented a great number of large-scale assignments in cooperation with major local and international companies.





THE RING ROAD | ST. PETERSBURG

STROYPROEKT is an independent leading Russian engineering consultancy group in the field of transport infrastructure design, transport planning and construction supervision.

Backed by the expertise and experience of our 1600 colleagues in the offices in St.Petersburg, Moscow and the number of other cities in the Russian Federation and abroad, our professionals provide their services to public and private clients. The annual turnover of Stroyproekt is about 100 million euro.

WE DELIVER THE FOLLOWING SERVICES:

- Design of Transport Infrastructure
- Engineering within PPP Projects
- Construction Supervision and Quality Control
- Master Planning
- Feasibility Study
- Project Management
- Design Management
- Procurement
- Construction Management
- Post-construction services
- Expert appraisal
- Consultancy

OUR MARKETS ARE:

- Highways and Toll Roads
- Bridges
- Tunnels and Underground Works
- Transport Infrastructure Development
- Planning
- Transport Modelling and Management
- Intelligent Transport Systems
- Structural Diagnostics
- Environmental Surveys and Studies

Our Head Office is located in St. Petersburg, Russian Federation.



THE WESTERN HIGH SPEED DIAMETER | ST. PETERSBURG

SOCHI OLYMPICS TRANSPORT INFRASTRUCTURE



Stroyproekt has designed the following transport infrastructure facilities in Sochi:

- Backup Road of Kurortny Prospect (including tunnels of total length 12,5 km)
- Bridge over the Sochi River
- Sochi Bypass Road
- Traffic Interchanges: "Stadium" & "Airport"

**THE WESTERN HIGH SPEED DIAMETER
ST. PETERSBURG**



- Total length: 46,6 km
- Total length of engineering structures (bridges, overpasses, tunnels): 21 km
- Number of traffic interchanges: 14

The Western High Speed Diameter is a strategic investment project in St. Petersburg and is one of the biggest PPP projects in the field of road construction in the world.

Construction of this unique bridge was executed within the programme of Development of the Vladivostok city as a center of international cooperation in Asia and the Pacific.

- Total length with flyovers: 3,100 m
- Total length of the bridge: 1,885 m
- Length of the central span: 1,104 m
- Width of the bridge: 29.5 m
- Bridge underclearance: 70 m
- Two pylons, 324 m high each

**BETANCOURT BRIDGE
ST. PETERSBURG**



- Total river crossing length: 1 228 m
- Pylon height: 44 m
- Navigation clearance: 100x16 m

The Betancourt Bridge was constructed in St. Petersburg in preparation of urban infrastructure to the FIFA World Cup 2018.

The main goal of the motorway reconstruction is to respond to increasing demand of transportation between the central regions and the south of Russia. By extensive construction works, which include construction of bypass roads to divert transit traffic from populated areas, traffic capacity shall increase significantly. The project aims to minimize delays and improve road safety and travel comfort.

**THE EASTERN BOSPORUS BRIDGE
TO RUSSKY ISLAND**



BACKUP ROAD OF KURORTNY PROSPECT | SOCHI

CONSTRUCTION OF MOSKOW-ST.PETERSBURG FEDERAL EXPRESS MOTOR ROAD



A new express toll road Moscow — St. Petersburg connects the capital of Russia with St. Petersburg. Most part of the road is being built as PPP project.

- Design speed: 150 km/h
- Number of lanes: 4, 6, 8, 10
- Number of multilevel interchanges: 36
- Number of engineering works (bridges, overpasses, flyovers and cattle passages): 325

**REHABILITATION OF PALACE BRIDGE
ST. PETERSBURG**



envisage total rehabilitation of the deck including replacement of the draw span equipment satisfying for up-to-date requirements.

Palace Bridge is the fifth permanent bridge over the Neva River. The bridge was built back in 1916 and has withstood for 90 years without any overhaul. The project

- Total length of the bridge with approaches: 2,091 m
- Length of the river span (network arch) is 380 m, which is unique in the world practice.
- In 2016, the bridge design received the FIDIC Award of Merit.

**BUGRINSKY BRIDGE
NOVOSIBIRSK**



**FLOOD PROTECTION BARRIER COMPLETION PROJECT
ST. PETERSBURG**



six water sluices and eleven earth dams. Apart from flood protection and Neva Bay hydrological regime control, the Barrier forms a part of Ring Road around St. Petersburg.

The St. Petersburg Flood Protection Barrier is a large-scale and complex hydraulic facility, which has the overall length of 25.4 km and comprises two navigation openings,

**INTEGRATED DEVELOPMENT OF MURMANSK TRANSPORT HUB
MURMANSK**



At the first stage of the project, our engineers supervise construction of a 46-km new electrified railroad line. Capacity of the new line is supposed to be 28 billion ton per year or more.