International Competition for the Architectural Landscape Design Concept for the Tuchkov Buyan Park in Saint Petersburg
## Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTRODUCTION</td>
<td>3</td>
</tr>
<tr>
<td>About the competition: competition schedule</td>
<td>4</td>
</tr>
<tr>
<td>About the competition: general terms</td>
<td>5</td>
</tr>
<tr>
<td>About the competition: international jury members</td>
<td>6</td>
</tr>
<tr>
<td>About the competition: required documents</td>
<td>7</td>
</tr>
<tr>
<td>Project site</td>
<td>8</td>
</tr>
<tr>
<td>About Tuchkov Buyan</td>
<td>9</td>
</tr>
<tr>
<td>Five unique opportunities for participants in the Tuchkov Buyan Park design competition</td>
<td>10</td>
</tr>
<tr>
<td>Competition subject</td>
<td>11</td>
</tr>
<tr>
<td>Initial programme</td>
<td>12</td>
</tr>
<tr>
<td>CONTEXT</td>
<td></td>
</tr>
<tr>
<td>Key dates of the territory development</td>
<td>13</td>
</tr>
<tr>
<td>Photos of the site and maps</td>
<td>14</td>
</tr>
<tr>
<td>Local opinion</td>
<td>15</td>
</tr>
<tr>
<td>Borders of the project site and existing use</td>
<td>16</td>
</tr>
<tr>
<td>Borders of the project site and existing use. Sections and drawings</td>
<td>17</td>
</tr>
<tr>
<td>Photos</td>
<td>18</td>
</tr>
<tr>
<td>Transport infrastructure</td>
<td>19</td>
</tr>
<tr>
<td>Water transport</td>
<td>20</td>
</tr>
<tr>
<td>Restrictions: cultural heritage sites</td>
<td>21</td>
</tr>
<tr>
<td>Restrictions: special use zones</td>
<td>22</td>
</tr>
<tr>
<td>Functional zoning</td>
<td>23</td>
</tr>
<tr>
<td>Construction height</td>
<td>24</td>
</tr>
<tr>
<td>Climate</td>
<td>25</td>
</tr>
</tbody>
</table>
Introduction

About the competition: competition schedule 4
About the competition: general terms 5
About the competition: international jury members 6
About the competition: deliverables 7
Project site 8
About Tuchkov Buyan 9
Five unique opportunities for participants in the Tuchkov Buyan Park design competition 10
Competition subject 11
Initial programme 12
About the competition

Competition schedule

PRE-QUALIFICATION

15 November  
Launch for open call for expressions of interest

16 December  
Deadline for questions

23 December  
Deadline for answers

15 January  
Application submission deadline

3–4 February  
Selection of 8 competitors

COMpetition

5 February  
Beginning of Competition

17 February  
Participants visit location

28 February  
Deadline for questions

5 March  
Deadline for answers

8 May  
Submission of competition proposals

14–15 May  
Jury meeting, selection of the winner and finalists

3–6 June  
Announcement of competition results at the St. Petersburg IEF

1. Questions with the answers are published on the website within five days from being asked. All questions are published anonymously.

About the competition
General terms

COMPETITION SUBJECT
A landscape architecture concept for the park and adjacent public spaces

Subject of the competition is the development of a landscape architecture concept for the park, embankment, square, and adjacent streets. The concept must include landscape and urban planning design and meet requirements set in the brief.

COMPETITION TYPE
Single-stage, international

This international competition is a single stage restricted project competition open to architects and landscape designers from all countries. Any landscape architect, architect or urban planning firm acting individually or within a multidisciplinary team shall be eligible for participation in the competition.

MULTIDISCIPLINARY TEAM
Participation of multidisciplinary teams is welcomed

We welcome the participation of multidisciplinary teams featuring professionals in the fields of landscape design, cultural programming of parks and open public spaces, sustainable development and ecology, architectural design and urban planning, utilities systems and constructions, transport and economics. Each multidisciplinary team is encouraged to include Russian professionals as well.

ELIGIBILITY
Landscape designers and architects

The competition is open to architects and landscape designers from all countries. Eligible architects, landscape architects and urban designers must be qualified for practice in their respective countries.

PRE-QUALIFICATION
Applicants submit initial applications

During expression of interest period, applicants will submit information about their architectural firms and experience in designing and creating public spaces. Experienced firms should submit three reference projects in the following fields: landscape, public spaces and revitalization of urban spaces. Young firms can submit realized or unrealized projects in the same fields or other fields which can document the quality of their work.

The jury will select 8 competitors on the basis of the results of pre-qualification, taking into account the quality and innovation of submitted reference projects. From the 8 competitors, 2 will be chosen among the young firms category.

COMPETITION BRIEF
Provided after the pre-qualification process for the 8 competitors

After the pre-qualification process, the selected competitors will receive a detailed brief providing detailed description of the task, conditions, requirements, deliverables and modalities for submission.

EVALUATION PROCESS
Performed by the jury

The jury will evaluate, rank the entries and allocate 3 prizes. Equal rankings will not be given. The first prize is the winner of the competition.

INTERNATIONAL JURY
Russian and international experts as well as representatives of the Government

The jury will approve the brief before the launch of the competition, approve answers to questions, evaluate entries on the basis of the evaluation criteria set in the brief, rank 8 projects, and allocate 3 prizes.

TECHNICAL COMMITTEE
Public figures of Saint Petersburg as well as Russian and international specialized professionals

The technical committee will prepare the brief and all documents the competitors will receive, examine the entries in regard to the fulfillment of conditions and requirements, make a report with the results of their examination for the jury.

RENUMERATION
Honorarium of $60,000 USD to each competitor

The selected competitors who will submit design proposals will each receive an honorarium of $60,000 USD. The prize money of $100,000 USD will be allocated as follows:
- first prize: $50,000 USD (fifty thousand dollars);
- second prize: $30,000 USD (thirty thousand dollars);
- third prize: $20,000 USD (twenty thousand dollars).

PROJECT IMPLEMENTATION
The winner will be invited to realize their project

The winner will be invited to realize their project. A representative appointed by the local government will negotiate with the winner of the competition for further development of the project, planning of realization of the concept, and architectural direction during construction on the basis of the architecture and landscaping design concept recognized as the best according to the results of the competition. The winner will have to work with a Russian architect of their choice in order to practice in Russia.

AUTHORS RIGHTS AND COPYRIGHT
Belong to the participants

The author of any design retains the copyright and the author's rights of their work. Submitted design materials of 3 prize winners shall become the property of the contracting authority. Operator, organizer and competitors share the right to publish the concepts.

ANONIMITY
THE DESIGN PROPOSAL SHALL BE SUBMITTED ANONYMOUSLY

The design proposal shall be submitted anonymously and will be evaluated anonymously. Projects shall not include any reference to the identity of its author(s). Any project that violates the requirement of anonymity will be excluded from the evaluation process by the jury.

COMPETITION LANGUAGE
Russian, English

All competition documents are provided in both English and Russian. In case of any discrepancy the Russian and English texts, the English version shall prevail. In order to ensure anonymity, all submissions must be in English. Russian versions of the annexes have been provided for information only — participants should complete the English version of the annexes.

ENDORSEMENT
The International Union of Architects (UIA)

This competition is endorsed by the International Union of Architects (UIA) and will be conducted according to the UNESCO Standard Regulations for International Competitions in Architecture and Town Planning and the UIA best practice recommendations stated in the UIA Competition Guide.

1.  Expanded information is given in «Competition rules».
About the competition
International jury members

**VOTING JURORS**

**VLADIMIR GRIGORIEV**
Chief Architect of St. Petersburg, Chairman of the Committee for Urban Planning and Architecture
Russia

**BORIS KIRIKOV**
Architectural historian, Art History PhD, Honored Cultural Worker of Russia
Russia

**OLEG ROMANOV**
Honored Architect of the Russian Federation, President of the St. Petersburg Union of Architects
Russia

**SERGEI TCHOBAN**
Member of the Union of Architects of Russia and the Union of Artists of Russia, Member of the Union of German Architects (BDA), academician of the Moscow branch of the International Academy of Architecture and honorary academician of the Russian Academy of Arts
Russia

**ELENA STIEGLITZ**
Landscape architect, Director of Legacy of Baron Stieglitz Foundation, author of the idea and organizer of Imperial Gardens of Russia Festival, Member of the Association of Landscape Architects of Saint Petersburg, Member of the Guardian Council for the Historical Gardens and Parks, Member of the Society for Russian manor house studies

**FRANCESCO BANDARIN**
Former UNESCO Assistant Director-General for Culture, Professor of Urban Planning and Conservation at the Institute of Architecture of Venice (IUAV)
Italy

**PATRICK BLANC**
Botanist at the French National Centre for Scientific Research, invented a modern vertical hydroponic garden
France

**MARTIN REIN-CANO**
Landscape Architect, co-founder and Managing Partner of firm Topotek 1
Germany

**STEVEN ROTZLER**
Landscape architect, representative of the International Union of Architects
Switzerland

**KEN SMITH**
Landscape architect, urban planner, founder of Ken Smith Workshop
USA

**DIDIER VANCUTSEM**
Member of the Board of Directors of ISOCARP Institute
Germany

**ALTERNATE JURORS**

**LAWRENCE BARTH**
Professor of Urbanism at the Graduate School of the Architectural Association, alternate representative of the UIA
Great Britain

**GIOVANNA CARNEVALI**
PhD Architect, strategic designer consultant, Executive Director of Urban Planning in NEOM
Italy

**IRENE DJAO-RAKITINE**
Director at Djao-Rakitine Ltd, Mayor’s Design Advocate at Mayor of London
Great Britain
About the competition

Deliverables

PRE-QUALIFICATION

APPLICATION

1. FORM

- filled out on the competition site

2. PORTFOLIO

- A3 format
- No more than 9 pages, i.e. three pages for each project

3. DOCUMENTS

- statement of agreement to the rules
- documents about the applicant

COMPETITION

COMPETITION PROPOSAL

1. 6 BOARDS

- A0 format
- portrait orientation

2. REPORT

- A3 format
- landscape orientation
- no more than 15 pages

3. VIDEO CLIP

- no more than 3 minutes length

4. MODEL

- 1:1000 scale

5. DOCUMENTS

- signed Declaration of authorship

---

1. For the detailed information, refer to section «Competition rules».
2. The principal ideas and information considered important shall be included into the boards.
The project site is located in the Petrograd District of Saint Petersburg. It is a part of the Historic Centre of Saint Petersburg and Related Groups of Monuments, designated a World Heritage Site by UNESCO in 1990. Located within walking distance of the site are the key city landmarks: Peter and Paul Fortress, Rostral Columns of Vasilievsky Island, the Hermitage, and the Admiralty.
About Tuchkov Buyan park

- **15 minute** walk to the city’s main landmarks
- **17.33 ha** project site
- **1 km** length of the new embankment

Photo: «The commercial city St. Petersburg», by Mikhail Tikhonov
Five unique opportunities for participants of the Tuchkov Buyan park design competition

1. **CREATE A NEW PARK IN THE CENTRE OF A HISTORICAL CITY**
   The site where the Tuchkov Buyan park will be created is located in the very centre of Saint Petersburg, in the historical part of the city. The future park is located within walking distance of the main landmarks of Russia’s northern capital (less than a kilometer from the Hermitage, and less than 500 meters from Peter and Paul Fortress). Competition participants must take on an ambitious task: designing a world-class public space with a unique identity that will harmoniously blend into surrounding historical and architectural context.

2. **MAKE A GENERATIONS-OLD SAINT PETERSBURG DREAM ABOUT A GREEN PARK COME TRUE**
   Since the 1730s, warehouses and technical buildings have been located on the territory where Tuchkov Buyan park will be situated. However, city residents have long considered the area as one of the most pleasant in Saint Petersburg and have long dreamed of seeing it as a public space. In the 1870s, plans were made to build up the entire embankment, but in the 1940s, the chief architect of Saint Petersburg, Nikolay Baranov, saw this area as the green core of a Central City Park. Neither of the projects was implemented; however, competition participants now have an opportunity to make a long-standing Saint Petersburg dream come true in this unique place.

3. **DEVELOP GREEN BELT**
   From the 1950s to the beginning of the 2010s, buildings of the State Institute for Applied Chemistry were located on the project site, whose activities used to be one of the main environmental threats to the city centre. Since 2011–2012, all of the Institute’s buildings were demolished, while the poisoned land left behind went through recultivation and cleaning. The creation of a new park on this territory will become the symbol of a new approach to the problems of urban ecology. The park must feature a sustainable ecosystem, where the best practices of contemporary environmental technologies should be put into place. The new park will be a green element which will connect all existing green spaces in the city center — from the Field of Mars and the Summer Garden to the Islands via Trinity Square and Alexandrovsky Park.

4. **OFFER AN INNOVATIVE SOCIO-CULTURAL MODEL FOR THE PARK**
   Saint Petersburg has every right to be called the cultural capital of Russia. Museums, theatres, and architectural monuments that attract tourists from all over the world are located within walking distance of the park. The park will undoubtedly be popular with students, as seven major universities are located nearby. Competition participants must develop a socio-cultural model for the park to offer cultural and educational activities in demand by both Saint Petersburg residents and the city’s many tourists. One important task is to provide for the year-round use of the park, given Saint Petersburg’s difficult climatic conditions.

5. **LAUNCH A PROGRAMME OF LONG-TERM URBAN CHANGE**
   Saint Petersburg is unique in that it does not just have an extraordinarily rich historical and cultural heritage; it is also a centre of innovation, science, and education that attracts young and talented people from all around Russia. However, in terms of the development of urban spaces, it lags behind its main competitors among the major cities in the Baltic countries. The creation of a unique park in the historical centre of Saint Petersburg that conforms to the newest worldwide trends and sets a new bar for the development of public spaces in the city should serve as a launchpad for long-term changes in the city that will shape the image of Saint Petersburg as a contemporary, comfortable city, worthy of a leading place among the capital cities of Northern and Eastern Europe in the field of sustainable development.
The site of the competition design combines 4 elements: a park, an embankment, a square, and adjacent streets. Participants must devote equal attention to each of these public spaces.

1. TUCHKOV BUYAN PARK

Park will be a landscape with a sustainable ecosystem in the urban environment. Participants must create varied green spaces, open scenic views on the historical surroundings, and place park service objects: multi-function sites and basic service infrastructure.

The territory features underground parking for 540 cars. It is to be preserved and the roof should be used for greenery. The existing underground space should be used rationally; for park services placement and landscape solutions creating. Furthermore, the Boris Efman Dance palace is located on the future park’s territory. Its architectural solutions are not a part of the subject of the competition.

2. NEW EMBANKMENT

The embankment will be a new, 1 kilometer-long, pedestrian link from Birzhevoy Bridge to Tuchkov Bridge. Descents to the water, viewing platforms, and leisure zones by the water, as well as a river transport dock, should be provided.

3. ACADEMIC LIKHACHEV SQUARE

It’s the main entrance to the territory; connects the park with existing walking routes. Pedestrian and green zones should be expanded through the reorganization of spontaneous parking.

4. ADJACENT STREETS: DOBROLYUBOVA AVENUE, SPERANSKOGO STREET AND PEDESTRIAN PART OF BOLSHOY AVENUE P.S.

Streets connect the park with adjacent territories. The number of pedestrian transit zones and storefront areas for summer verandas should be increased, and entrances to the park should be created.

Competition subject
4 elements of the project
Initial programme

1. The expanded programme will be presented in the competition brief and provided to 8 competitors before beginning of concept development.

2. The underground space, 50,000 m², should be used rationally: for park services placement and creation of landscape solutions.

3. The Boris Eifman Dance palace is not the object of the competition.

4. The roof of the parking garage is to be used for green areas and park service sites.
Context

CONTEXT

Key dates of the territory development 13
Photos of the site and maps 14
Locals’ opinions 15
Borders of the project site and existing use 17
Borders of the project site and existing use. Sections and drawings 18
Photos 19
Transport infrastructure 20
Water transport 21
Restrictions: cultural heritage sites 22
Restrictions: special use zones 23
Functional zoning 24
Construction height 25
Climate 26
The territory formed in 1726 and consisted of a group of islands, which were gradually united with Petrograd Island. Historically, the territory played host to functional port buildings, warehouses, a nursery garden, a distillate factory and the Institute of Applied Chemistry. At various times in history, different proposals were made regarding the creation of a cultural and exhibition complex, a central park, a multifunctional complex and a judicial district on the territory; however, none of these plans were implemented.

**Key dates of the territory development**

- **1726**
  - The appearance of a group of islands as the result of flooding: Tuchkov Buyan, Vatny Island, and several smaller islands. Port buildings were constructed on Tuchkov Buyan.
  - Image: plan of Imperial capital city of Saint Petersburg, 1737.
  - St. Petersburg Academy of Science.

- **1760–1770**
  - A hemp storage complex was built on Tuchkov Buyan. The stone hemp warehouses have been preserved to the present day.
  - Photo: the complex of hemp stores on Tuchkov island. Site: citywalls.ru

- **1860–1875**
  - A nursery garden was placed on the islands and alleys from Aleksandrovsky Park to Tuchkov Bridge were created.
  - Image: fragment of the Plan of Saint Petersburg, 1882.
  - Site: citywalls.ru

- **1890–1900**
  - The Second Government Wine Storage complex and an alcohol purification factory were built on Vatny Island.
  - Tuchkov Buyan and a group of small islands were joined to Petrograd Island.
  - Photo: The Second Government Wine Storage, 1900.
  - Site: fotki.yandex.ru_users_humus777

- **1910s**
  - Open and named competitions were held for the construction of a cultural and exhibit complex on the site.
  - Image: Project of M. H. Dubinskogo for Tuchkov Buyan, 1912.

- **1940–1960**
  - Vatny Island was joined to Petrograd Island and new buildings of the Institute of Applied Chemistry were built.
  - Photo: Yandex Maps, panoramas, 2011.

- **1930s**
  - The General Plan of Leningrad was developed, according to which a park was to be built on the island. The plan was not implemented, instead the Institute of Applied Chemistry was established in the buildings of the Wine Storage.

- **2011–2012**
  - The buildings of the Institute of Applied Chemistry were demolished in order to build the Embankment of Europe multifunction complex.

- **2012–2018**
  - The city decides against building the Embankment of Europe multifunction complex; a tender and competition is issued for the judicial district development, and construction begins.
  - Photo, 2015. KB Strelka.

- **2019**
  - After the publication of competition works for design of a judicial district, city residents signed a petition against its construction, collecting 17,308 signatures. The decision was made to build a park on the territory.

- **2019**
  - The appearance of a group of islands as the result of flooding: Tuchkov Buyan, Vatny Island, and several smaller islands. Port buildings were constructed on Tuchkov Buyan.
  - Image: plan of Imperial capital city of Saint Petersburg, 1737.
  - St. Petersburg Academy of Science.
Photos of the site and maps

1726–1800: APPEARANCE OF THE ISLANDS AND CONSTRUCTION OF HEMP STORES

- The complex of hemp stores built on Tuchkov Buyan. Illustrations from an article, “The History of Tuchkov Buyan and Competitions for its Construction”. Site: archi.ru


- Plan of Saint Petersburg, 1753. Author: I. F. Truscotta. Site: etomesto.ru

1800–1850: CONSTRUCTION OF TUCHKOV BRIDGE

- Tuchkov Bridge, late 1810s. Author: Maxim Vorobyev. State Russian Museum

- View from Petrovsky Island in Saint Petersburg, 1816. Author: S. F. Shchedrin. State Russian Museum

- Plan of Saint Petersburg, 1804. Author: A. Savinkova. Site: retromap.ru
Photos of the site and maps

1850–1900: THE NURSERY GARDEN PLACEMENT AND THE SECOND GOVERNMENT WINE STORAGE COMPLEX CONSTRUCTION

The Second Government Wine Storage. Main facade, 1898

The flood in Leningrad, next to the nursery garden, from Br. Bull photo, 1924

Plan of Saint Petersburg, 1911

1900 – 1960: THE INSTITUTE OF APPLIED CHEMISTRY PLACEMENT AND THE CONSTRUCTION OF BIRZHEVOY BRIDGE (EXCHANGE BRIDGE)

The Institute of Applied Chemistry, 1950s

Birzhevoy Bridge under construction (Stroitelei bridge), 1959

Plan of Saint Petersburg, 1986
Locals’ opinions

BUILD A PARK INSTEAD OF THE "JUDGES’ DISTRICT?"

In 2013, signatures were collected for a petition entitled “Build a Park Instead of the Judges’ District”, addressed to the governor of Saint Petersburg. It was the first step towards creating a park on the site of the demolished Institute of Applied Chemistry.

17,308 Saint Petersburg residents signed the petition

"WHAT DO YOU THINK SHOULD BE MADE IN THE NEW TUCHKOV BUYAN PARK?"

On the day of the most recent general election, 8 September 2019, a voluntary survey was conducted as part of the "Our City, Our Park, Our Choice" project. 12 possible answers were provided in the survey.

380,564 Saint Petersburg residents took part in the survey

- 11.89 % Children’s village
- 10.23 % Ice skating rink
- 10.08 % Botanical garden
- 9.50 % Main city lawn
- 8.51 % Open-air stage
- 9.41 % Dancing fountains
- 7.68 % City beach
- 7.35 % Art gallery
- 7.02 % Restaurant alley
- 6.89 % Contemporary sculpture exhibit
- 6.82 % City of all trades
- 4.62 % Yoga for all
- 3.82 % City of all trades
The project borders with cadastral parcels №78:07:0003043:2, №78:07:0003043:3007, and №78:07:0003043:3008 will be expanded by way of the embankment, Academic Likhachev Square, Speranskogo street, Dobrolyubova Avenue and pedestrian part of Bolshoy Avenue P.S. The expansion of the project site will improve connectivity between the park and adjacent territories.

17.33 ha
project site area

0.84 ha
area of the construction site surrounding the planned Boris Eifman Dance palace 4

<table>
<thead>
<tr>
<th>№</th>
<th>Zone name</th>
<th>Construction site area, ha</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Project site</td>
<td>17.33</td>
<td>100</td>
</tr>
<tr>
<td>1</td>
<td>Tuchkov Buyan Park, including:</td>
<td>10.68</td>
<td>62</td>
</tr>
<tr>
<td>1.1</td>
<td>Boris Eifman Dance palace</td>
<td>0.84</td>
<td>5</td>
</tr>
<tr>
<td>1.2</td>
<td>Underground space</td>
<td>4.15</td>
<td>24</td>
</tr>
<tr>
<td>1.3</td>
<td>Underground parking</td>
<td>1.97</td>
<td>11.5</td>
</tr>
<tr>
<td>1.4</td>
<td>Part of Speranskaya street</td>
<td>0.24</td>
<td>1.5</td>
</tr>
<tr>
<td>1.5</td>
<td>Construction-free area</td>
<td>3.48</td>
<td>20</td>
</tr>
<tr>
<td>2</td>
<td>New embankment 1</td>
<td>2.00</td>
<td>11.5</td>
</tr>
<tr>
<td>3</td>
<td>Academic Likhachev Square 2</td>
<td>1.85</td>
<td>10.5</td>
</tr>
<tr>
<td>4</td>
<td>Adjacent streets: Dobrolyubova Avenue, Speranskogo street and the pedestrian part of Bolshoy Avenue P.S. (Peter and Paul side) 3</td>
<td>2.80</td>
<td>16</td>
</tr>
</tbody>
</table>

THE BORIS EIFMAN DANCE PALACE 4

1. The territory of embankment Malaya Neva River in the boundaries from Tuchkov bridge to Birzhevoy bridge, including part of cadastral plot 78:07:0003043:1.
2. Includes Academic Likhachev Square, Mytninskaya embankment in the boundaries from Dobrolyubova Avenue to Academic Likhachev Square and cadastral plots: 78:07:0003018:1004, 78:07:0003018:1005.
3. Pedestrian part of Bolshoy Avenue P.S., adjacent to the territory of Yubileyny Sports Complex in the boundaries from Malaya Neva River embankment to Dobrolyubova Avenue, including part of cadastral plot 78:07:0003043:3511.
4. Designed by the architectural bureau SPEECH.
Borders of the project site and existing use
Sections and drawings

SECTION 1–1

SECTION 2–2

EMBANKMENT DEVELOPMENT DRAWING

Tuchkov Bridge  Water access  Hemp Stores  Yubileyny Sports Complex  Prince/Vladimir Cathedral  Water access  Planned Boris Eifman Dance palace  Park  Embankment  Water access  Likhachev Square  Birzhevoy Bridge

Bolshoy Avenue P. S.  Speranskogo street  Park  Academic Likhachev Square

Embankment: 1 km from Tuchkov Bridge to Birzhevoy Bridge
Photos

VIEW FROM MAKAROVA EMBANKMENT TO THE PROJECT SITE

VIEW FROM THE YUBILENY SPORTS COMPLEX TO THE PROJECT SITE

VIEW FROM CENTRAL WATER AREA OF THE NEVA RIVER TO THE PROJECT SITE

VIEW FROM THE PRINCE VLADIMIR CATHEDRAL TO THE PROJECT SITE

VIEW FROM TUCHKOV BRIDGE TO THE PROJECT SITE
Photos

VIEW FROM THE PRINCE VLADIMIR CATHEDRAL TO MAKAROVA EMBANKMENT, ST. ISAAC CATHEDRAL AND THE PROJECT SITE

VIEW FROM CENTRAL WATER AREA OF THE NEVA RIVER TO ACADEMIC LIKHACHEV SQUARE AND THE PROJECT SITE

VIEW FROM TUCHKOV BRIDGE TO THE HEMP STORES AND THE PROJECT SITE

VIEW FROM VASILIEVSKY ISLAND TO THE PETER AND PAUL FORTRESS AND THE PROJECT SITE

VIEW FROM THE PROJECT SITE TO THE ROSTRAL COLUMNS OF VASILIEVSKY ISLAND
From the northern side, the park is bordered by Dobrolyubova Avenue, which is a main street with public transit stops. From the east, where the main entrance to the park will be located, there is Academic Likhachev Square. Today it is a road intersection that directs traffic from the Birzhevoy Bridge, and a disorganized parking lot.
Saint Petersburg’s water transport consists of leisure and tour routes that run from April to the end of November. There are 44 routes total, 14 of which run at night. The Mytninskaya Embankment dock is located within walking distance from the project site, from where river and canal tours around the city start. The key sites for river tours are the drawbridges, the Peter and Paul Fortress, Kazan Cathedral, the State Hermitage Museum, and the Admiralty.

1.6 million passengers travelled along the leisure and tour routes of Saint Petersburg’s rivers and canals in 2018.

14 routes of tourist water transport pass by the project site.

BRIDGE OPENING SCHEDULE

<table>
<thead>
<tr>
<th>Hours</th>
<th>0:00</th>
<th>1:00</th>
<th>2:00</th>
<th>3:00</th>
<th>4:00</th>
<th>5:00</th>
<th>6:00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alexander Nevsky</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2:20–5:10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Birzhevoy</td>
<td></td>
<td></td>
<td></td>
<td>2:00–4:55</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blagoveshchensky</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1:26–2:45</td>
<td>3:10–5:00</td>
<td></td>
</tr>
<tr>
<td>Bolsheokhtinsky</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2:00–5:00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Volodarsky</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2:00–3:45</td>
<td>4:15–6:45</td>
<td></td>
</tr>
<tr>
<td>Palace</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liteyny</td>
<td>1:10–2:50</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Troitsky</td>
<td>1:30–4:50</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tuchkov</td>
<td>2:00–2:55</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sampsonievsky</td>
<td></td>
<td>1:30–4:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grenadiersky</td>
<td></td>
<td>1:30–4:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kantemirovskoy</td>
<td></td>
<td>1:30–4:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. See: http://xn--b1atio.xn--p1ai/
3. See: https://mostotrest-spb.ru/bridge-type/razvodnye-mosty
4. These bridges are open from 1:30 to 4:30 upon 2 days advance notice.
Restrictions:
Cultural heritage sites

The project site is a part of the combined protected zone of cultural heritage sites with requirements for maximum permitted construction height, changing the existing frontage line of historical districts, and preserving scenic outlooks on key landmarks, among others.

25 meters
maximum permitted construction height on the project site

REQUIREMENTS FOR CONSTRUCTION IN THE PROTECTED ZONE AROUND CULTURAL HERITAGE SITES

It is forbidden to:
1. Build structures that have a negative influence on the environment;
2. Demolish (dismantle) historical buildings;
3. Change the external appearance of historical buildings;
4. Change historically established demarcations;
5. Change the established characteristics of the historical urban environment, including:
   - historically established frontage lines;
   - type of streets;
   - type of construction;
   - the active role of open sections of streets and green spaces in the composition of streets;
   - dominant horizontal lines in the silhouette of streets;
   - increase in the visual height of street frontage above construction within a district;
   - creation of street frontage based on the combination of stylistically heterogeneous constructions of varying height;
   - typological homogeneity of street frontage (e.g. apartment houses from the late 19th — early 20th century).

2. The OZRZ–1 zone is part of the Unified Protected Zone for Cultural Heritage Sites. From Law № 820–7, Appendix 1 (zones), Appendix 2 (height restrictions).
3. The full list of requirements for construction can be found in: Law № 820–7 «On the borders of Unified Protected Zones for Cultural Heritage Sites Located in Saint Petersburg, Land Use Regulations, and Demands to Urban Planning Standards Within the Indicated Zones».

Project site
Historical center designated as a UNESCO World Heritage Site¹
Unified Zone of Construction and Utilities Regulation (OZRZ–1)²

Primorsky Victory Park
Yelagin Palace
Gazprom Arena
S.M. Kirov Central Park of Culture and Leisure

Peter and Paul Fortress
Alexandrovsky Park
State Hermitage Museum
Admiralty
Kunstkamera
Summer Garden
Petrovsky Park
St. Isaac Cathedral
Kazan Cathedral
New Holland
Yusupov Garden
Mikhailovsky Castle and Garden
Restrictions

Special use zones

The project site includes a water protection zone, coastal and coastal protective strips, buffer zones of electric power and subway infrastructure facilities, as well as the combined zone of engineering networks. The combined zone of engineering networks contains buffer zones of subway ventilation shafts, sewer, heat, water supply networks, underground cable lines, power lines, communication networks and communication facilities.

RESTRICTIONS IN SPECIAL USE ZONES

<table>
<thead>
<tr>
<th>Type of restriction</th>
<th>Size, m</th>
<th>Permissions</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coastal strip</td>
<td>20</td>
<td>Organisation of embankments and parks. Movement and parking of emergency vehicles</td>
<td>Car traffic and parking. Construction of residential, utility, and commercial buildings</td>
</tr>
<tr>
<td>Water conservation zone</td>
<td>200</td>
<td>Organisation of embankments and parks. Construction of public buildings. Movement and parking of emergency vehicles</td>
<td>Car traffic and parking, except for their movement on roads and parking on roads in specially equipped places with a hard surface</td>
</tr>
<tr>
<td>Coastal protective strip</td>
<td>50</td>
<td>Placement of port and hydraulic structures, piers and landscape facilities</td>
<td>Usage of wastewater for fertilization. Car traffic and parking, except for their movement on roads and parking on roads in specially equipped places with a hard surface</td>
</tr>
<tr>
<td>Buffer zone of subway infrastructure facilities</td>
<td>10</td>
<td>Laying underground utilities, planting shrubs and arranging lawns in the technical zone, as well as building a territory 30 meters wide on both sides of the borders of the technical zone (as agreed with organizations, designing and operating the subway)</td>
<td>Buildings construction and temporary buildings construction, tree planting and shrubs, installation of a permanent fence, parking of vehicles</td>
</tr>
<tr>
<td>Buffer zone of electric power facilities</td>
<td>5</td>
<td>Planting trees and shrubs is allowed (as agreed by network organizations)</td>
<td>Place any objects within the aisles and porches for access to electric power facilities. Without obtaining the permission: construction, overhaul, reconstruction or demolition of buildings and structures, planting and falling of trees and shrubs</td>
</tr>
</tbody>
</table>

REQUIRED DISTANCES FROM UTILITY NETWORKS TO TREES AND SHRUBS

<table>
<thead>
<tr>
<th>Combinations of engineering networks</th>
<th>Distances, m, to the axis of</th>
</tr>
</thead>
<tbody>
<tr>
<td>Underground networks:</td>
<td>tree trunk</td>
</tr>
<tr>
<td>gas pipeline</td>
<td>1.5</td>
</tr>
<tr>
<td>heating network (wall of the channel, tunnel or shell with channelless laying)</td>
<td>2.0</td>
</tr>
<tr>
<td>water supply, drainage</td>
<td>2.0</td>
</tr>
<tr>
<td>power cable and communication cable</td>
<td>2.0</td>
</tr>
</tbody>
</table>

4. Decree of the Government of the Russian Federation of February 24, 2009 No 160 “On the procedure for establishing protection zones of electric grid facilities and special conditions for the use of land located within the boundaries of each zone” (as amended for 2018).
The project site is surrounded by dense mixed-zoning construction. The site is directly bordered by educational, sports, public, business, and cultural buildings.

### Functional zoning

- **Residential construction**
- **Mixed-use buildings**
- **Support facilities, garages, warehouses**
- **Public and business construction**
- **Industrial construction**
- **Educational buildings**
- **Cultural buildings**
- **Healthcare buildings**
- **Sports buildings**

### Number of Buildings within 10 Minutes Walking Distance

- **14** Cultural buildings
- **23** Industrial construction
- **23** Educational buildings
- **59** Public and business construction
- **95** Support facilities, garages, warehouses
- **134** Mixed-use buildings
- **8** Healthcare buildings
- **1** Sports building
- **218** Residential construction

---

*Images and labels correspond to various buildings and landmarks in the project site.*
The project site is surrounded primarily by medium-height construction: along prospekt Dobrolyubova and on Academic Likhachev Square, five-storey construction dominates, while a six-storey business center opens onto ulitsa Speranskogo. The opposite bank of the river features low- and medium-height construction, up to 5 stories.

**Construction height**

- **68 meters**
  - Height of the belltower of the Prince Vladimir Cathedral

- **20 meters**
  - Height of the Hemp Stores on Tuchkov Buyan
Saint Petersburg’s climate is temperate and humid, transitioning from a temperate continental climate to a temperate coastal climate. Summers are mildly warm and sometimes chilly, while winters are moderately cold. Major parts of the city can be covered by rain, fog and cloudy weather. On average, there are 75 sunny days per year. White nights occur from 25–26 May to 16–17 July.

1. The latitude of the city is similar to the coast of Alaska and Greenland; the cities of Ukhta, Stockholm, Oslo, Helsinki, and Magadan in the Far East. High-latitude geography is the cause of the white nights phenomenon. White Nights are the period when the sun is located a short distance below the horizon.