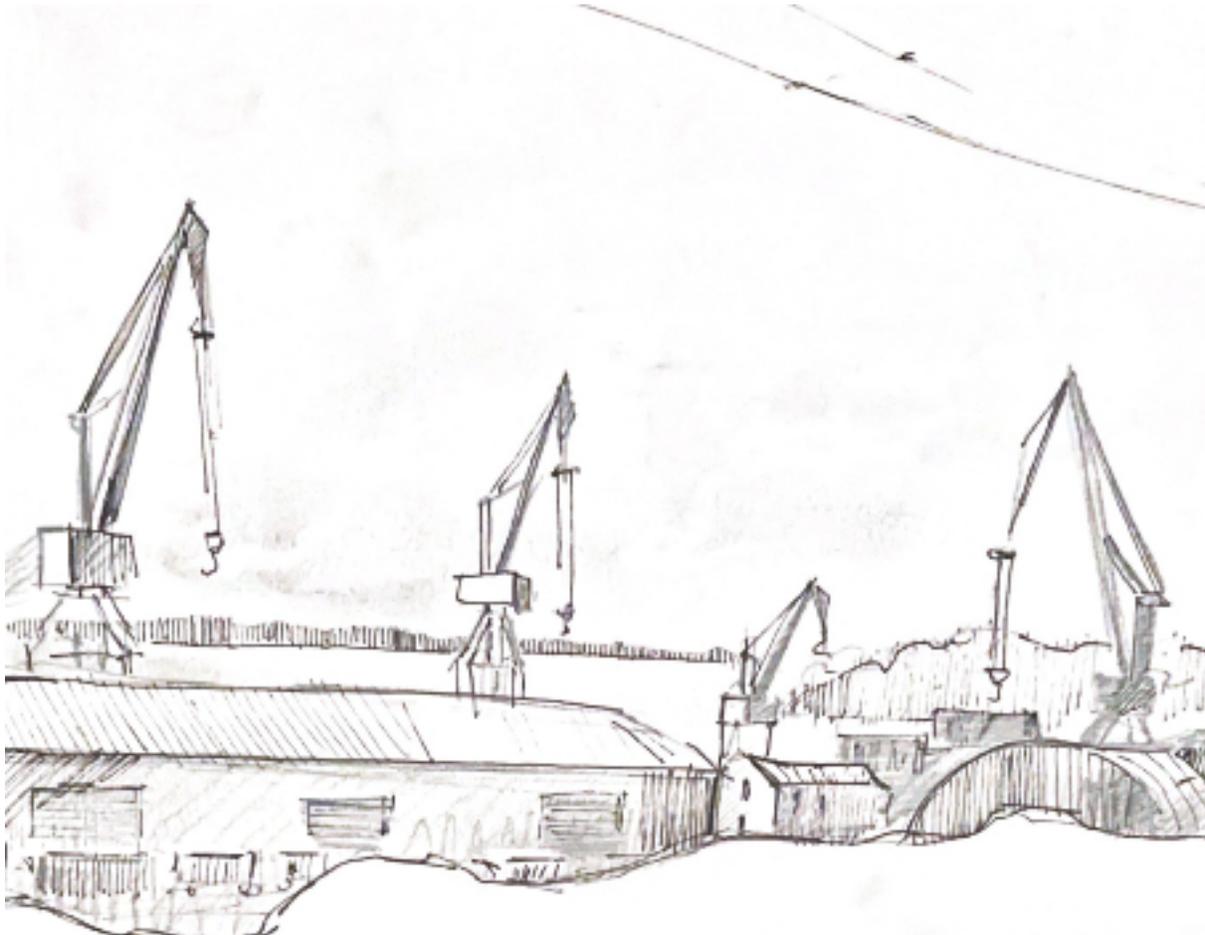


PORTFILO

ARTEM AGEKYAN



2024



## ARTEM AGEKYAN

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**MAIL** artem.agekyan@gmail.com  
**ADDRESS** 129344 Raduzhnaya St., 18,  
 Moscow, Russia

I was out walking last week and came across a piece of ice where I saw frozen bubbles and wanted to share them with you. I thought that people are like this ice, and the frozen air inside is bits of our true personality. As time goes by the ice shell melts from the warmth of love, hot life events or breaks off completely and in those moments, time and time again, something new is released. And when the last bubble is released, the person merges completely with the environment and finds true self-knowledge in merging with the world.

## EDUCATION

**2003-2014 School of Education specialising in the arts NO. 1188**  
 General subjects + drawing, painting, composition, sculpture and ceramics

In tenth grade, I confidently designed the maquette of a football stadium for FIFA 2018 as part of a school programme

**2017-2022 St Petersburg State University of Architecture and Civil Engineering**  
 Direction of urban planning at the Faculty of Architecture

## INTERSHIP

**2021 Intern in MLA+**  
 Design project for the renovation of the Gorskaya area (187 Hectares)  
 A full site analysis. Cell typologies for small industry, functional plan of residential and public-business development. Site grid, street and road network

**2019 Intern in StroyTrest Ltd. Real Estate Development Company**  
 District project NEWPITER  
 3 weeks in the architectural project control department: regulation for the use of air conditioners on building facades, quality control for landscape drawings and correction, designing bins for separating waste  
 2 weeks on the construction process of an apartment block as an assistant site manager

## WORK

**2019-2024 Freelance and Individual Entrepreneur**  
 2021 Facade design for multi-level parking NEWPITER (realised)  
 2022 Facade design for multi-level parking NEWPITER 2.0 (realised)  
 2021-2022 Restaurant architecture with elements of reconstruction of a historical building  
 2020-2021 Two interior designs for eco-product shops (realised)  
 2021 Showroom for wooden furniture production

## COMPETITION

**2020 Tavrida four-day workshop**  
 First place  
 Reconstruction of the Volgograd embankment (team leader of a 9-person team)

**2020 House of Earth**  
 The best idea for a tourist infrastructure project in Russian National Parks  
 Residential capsule project Honeycomb

**2023 Green Roof Challenge**  
 Third place  
 Oceanology and Marine Biology Research Centre

**2023 100+ Awards Technobuild**  
 Finalist in the category Best Architectural Solution - non-residential unique building  
 Facade design for multi-level parking NEWPITER 2.0

**Tarakay Guest house**  
 2023 Finalist of the ADD Awards in the Hotels category

2023 ARCHITIME.RU magazine favourite in the Osnovanie Award

**Revitalisation of the Great Port of St. Petersburg**  
 2023 Grand Prix in New Ideas of New Century

2023 TOP 100 in WASA World Architecture Student Awards Competition

2022 Second place in Urban Development Drivers

2023 Silver diploma in Archnovation Award

2023 Diploma of the Union of Architects of Russia in Zodchestvo Festival Competition

## PUBLICATION

**2020 V All-Russia Scientific-Practical Conference**  
 Article. Relevance and Methods of Determining the Wind Regime in the Urban Environment and Aerodynamic Characteristics in Building Design

**2024 Ecurbanist Journal**  
 Article. Park Roof for the Centre for Oceanology and Marine Biology

**2023 Multi-level parking NEWPITER 2.0**  
 About project. ARCHI.ru and Prorus Journals

## ACTIVITY

**2019-2020 Co-founder and leader of the Student Research Community at the Faculty of Architecture**  
 Member of the science group on alternative energy, competition for student exchange with Germany under the DAAD programme (shortlisted), organised the systematisation of 8 scientific groups of the faculty, highlighting and promoting their activities, etc.

**2020 Team mentor for the PLATFORM-A workshop**  
 Competition for the design of the renovation of the courtyard in a historic building

**2021 Speaker for the All-Russian project "Big Change"**  
 Discussing 'Creative Industries: How to Change the World Around Us!'

## SKILLS

AutoCAD, Revit, 3Ds Max + Corona Renderer, Photoshop, Illustrator, Indesign, QGIS, Rhino + Grasshopper, Lumion, Enscape

## LANGUAGES

English  
 Russian  
 Armenian  
 French

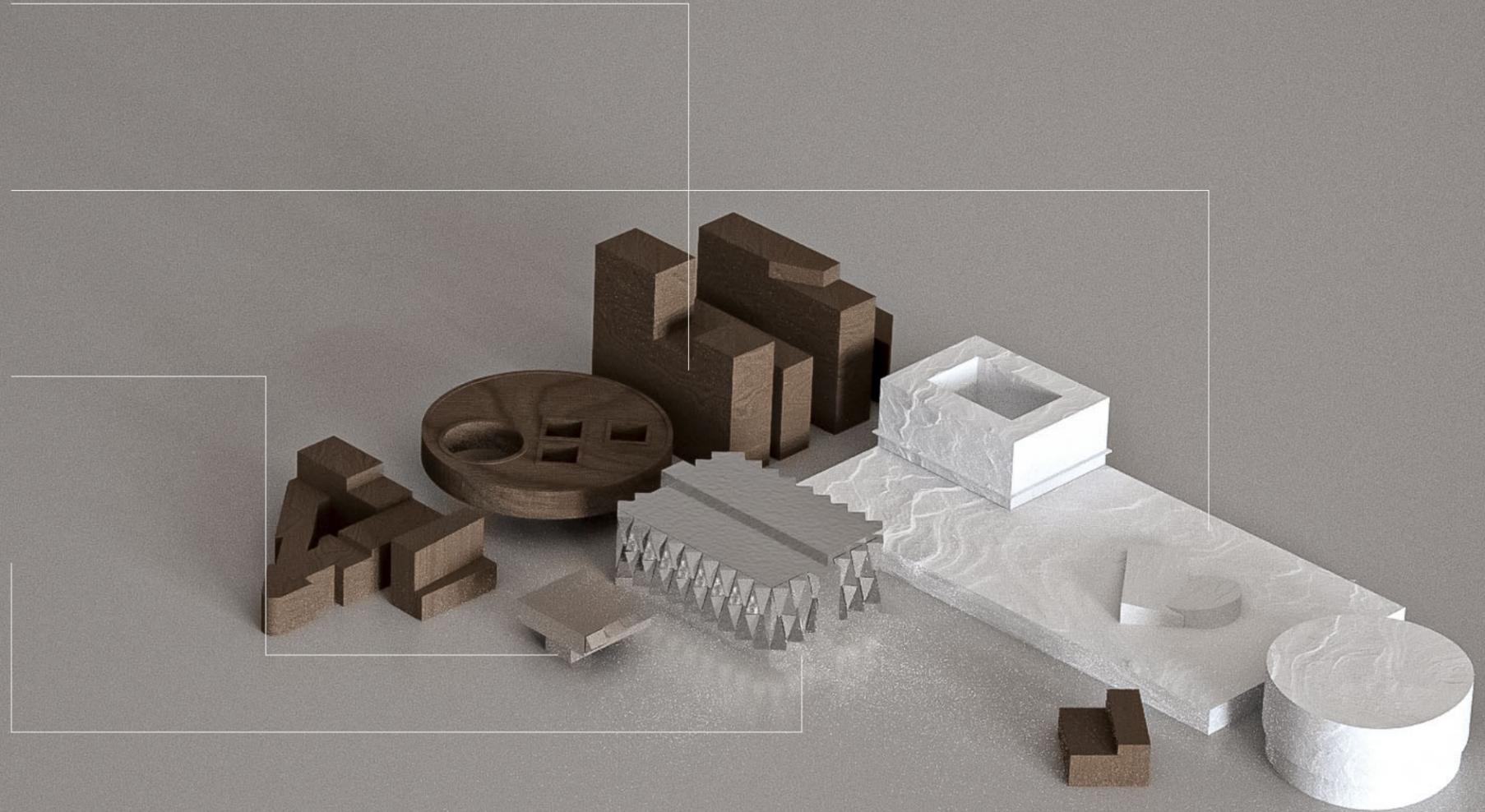


1 OIL TERMINAL REVITALISATION

2 OCEANOLOGY AND MARINE BIOLOGY  
RESEARCH CENTRE

3 TARAKAY HOUSE

4 MULTILEVEL PARKING NEWPITER 2.0



# OIL TERMINAL REVITALISATION

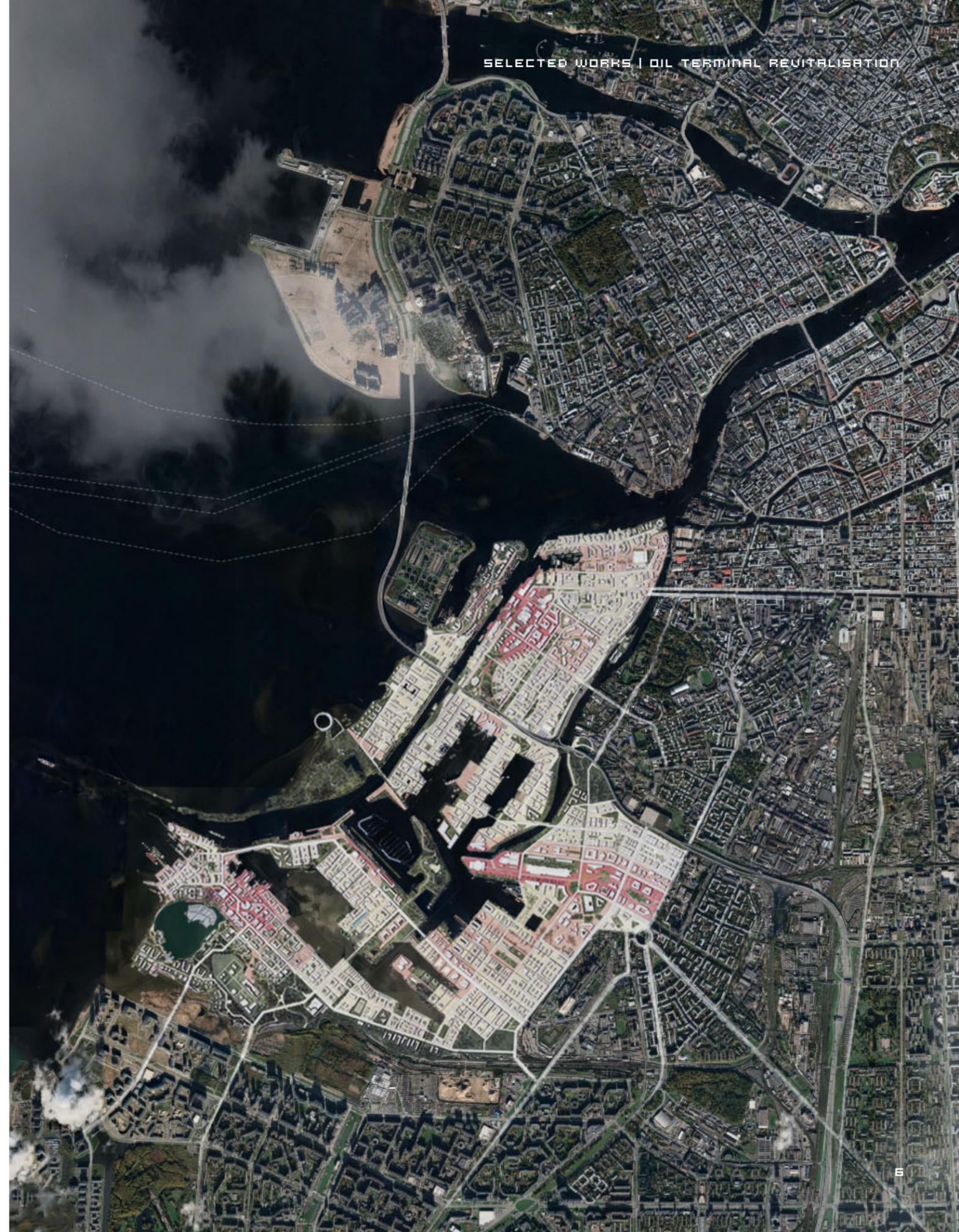
TOP 100 WORLD ARCHITECTURE STUDENT ASSOCIATION

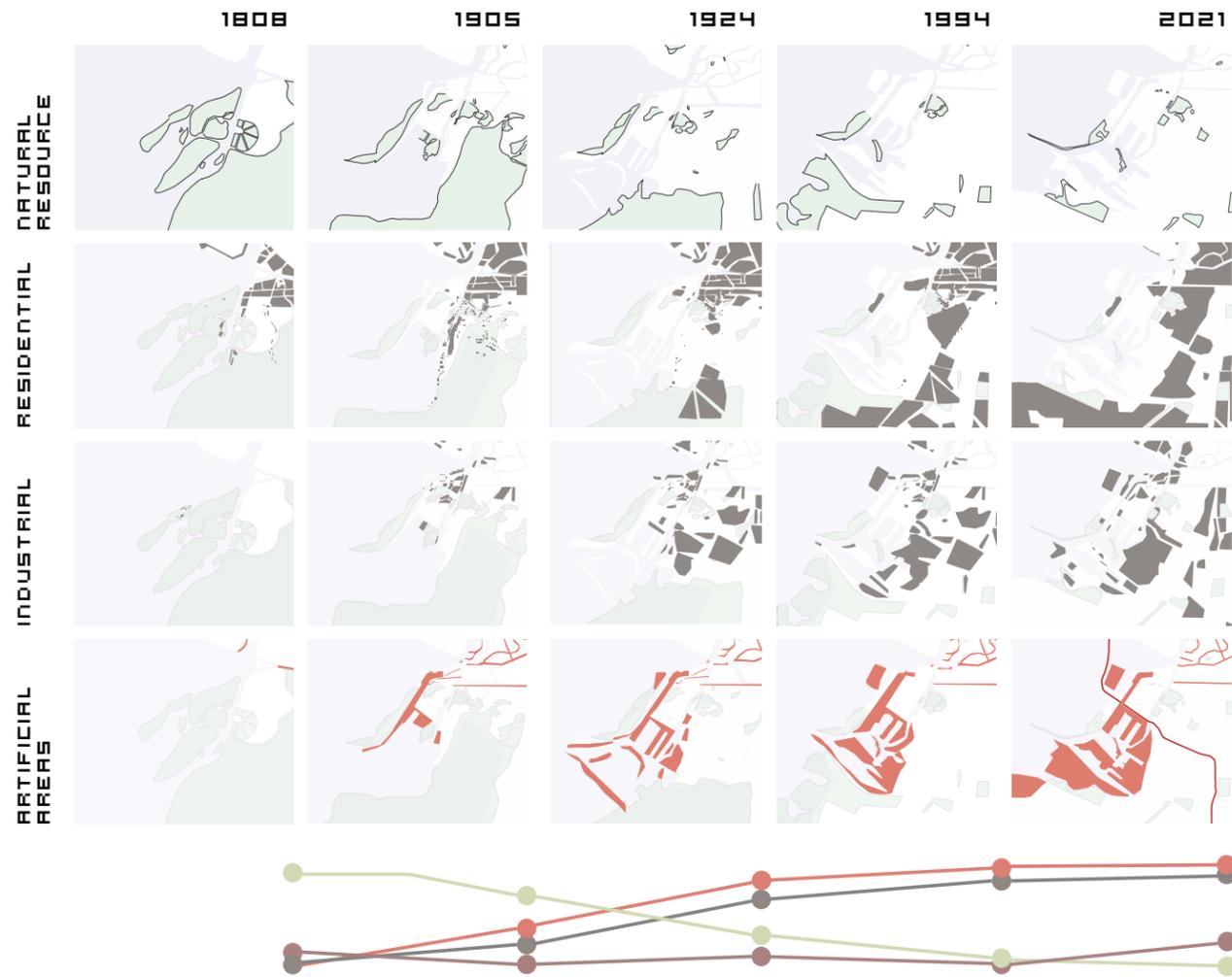
Typologies	Status	Location	Team	Size
Sustainability, Master Planning	Design Proposal	St. Petersburg, Russia	Artem Agekyan Agenorov Gleb	268 ha

**About** This project is part of my final qualification work entitled 'Revitalisation of the territory of the Great Port of St Petersburg'. The research and master plan of the territory was completed in cooperation with Gleb Agenorov, while the master plan of the eco-district and the architectural component were completed independently.

**Thesis** The revitalisation of the oil terminal in the main port of St Petersburg includes the creation of an eco-district. The choice of the site was made primarily because of the existing green zone and the large potential for parks and recreation. In addition, the direct access to the Gulf of Finland and the existing large sedimentation lake make the area a suitable location for research facilities for studying and restoring the marine biology of the water area.

In addition to the above, the choice of name for this area is justified by its symbolic location and shape in relation to the water. The site seems to point towards the Gulf of Finland and the Baltic Sea, symbolising a new ecological age and the elimination of the ecological footprint of the port.





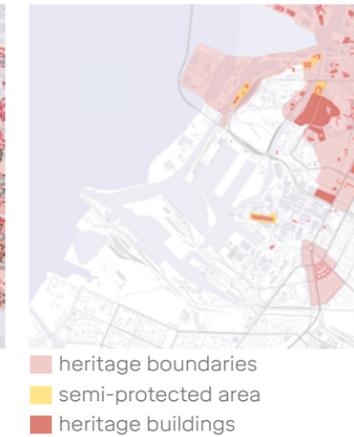
**INDUSTRIAL**



**RESIDENTIAL**



**CULTURAL HERITAGE**



**HERITAGE OBJECTS**



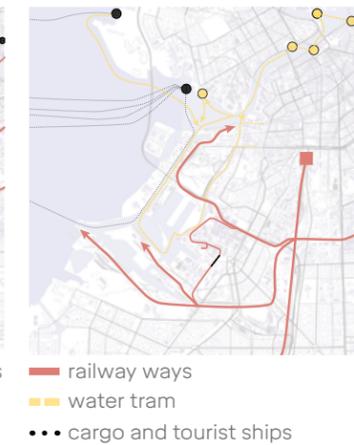
**SITE UTILISATION**



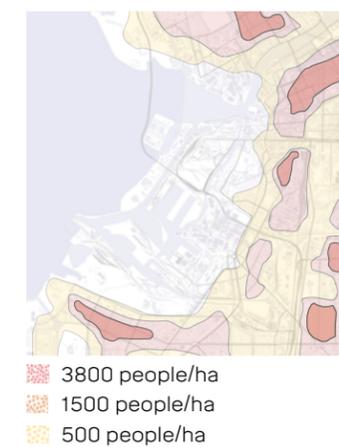
**MAIN ROADS**



**ALTERNATIVE**



**SETTLEMENT**



**HEIGHT REGULATION**

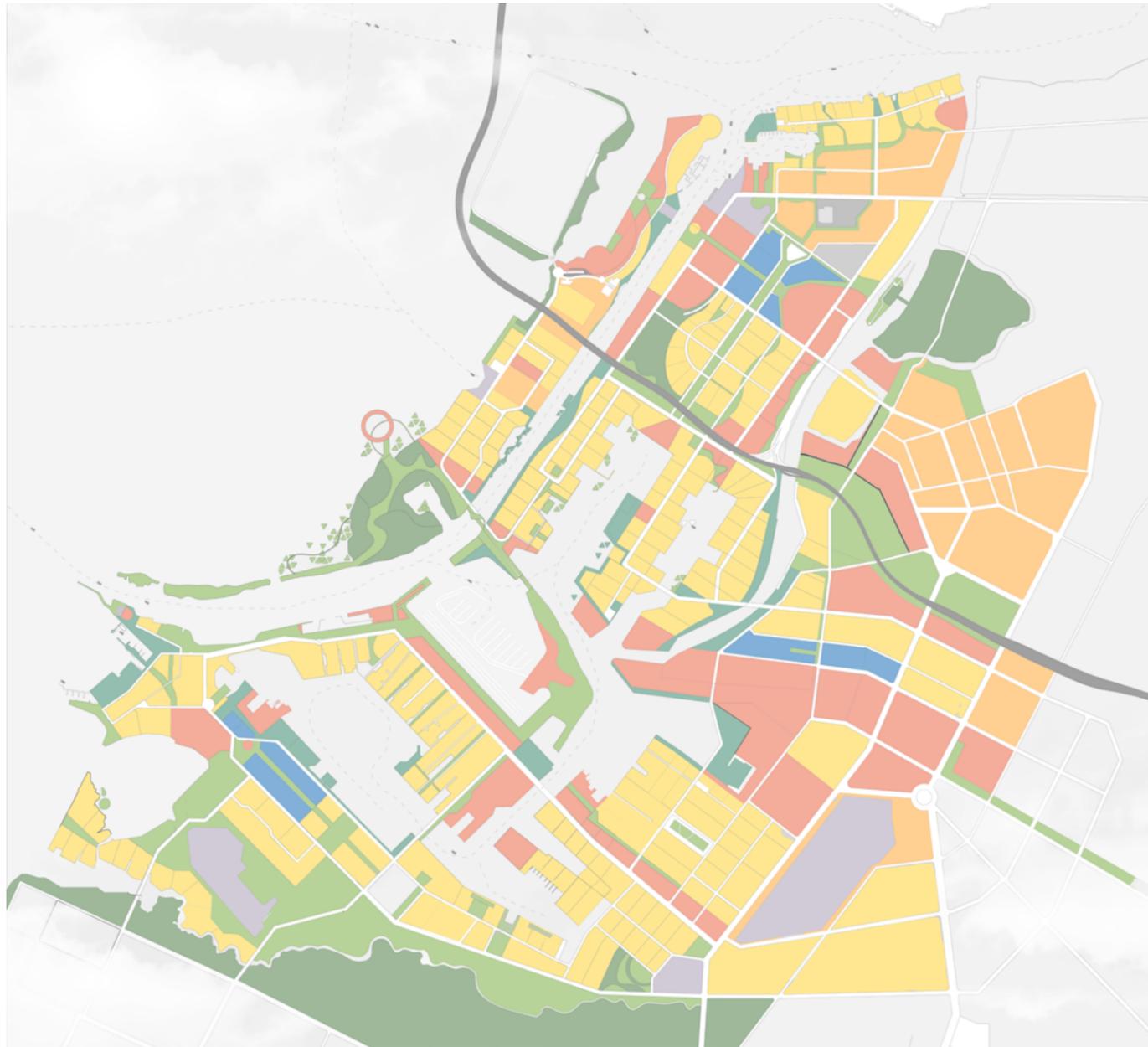


**PRE-PROJECT RESEARCH**

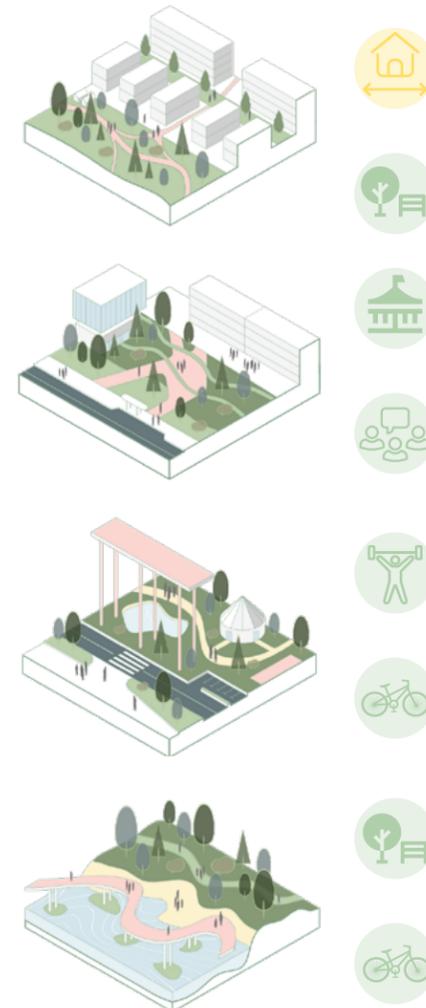
The growth of industry, trade, housing, and cultural spheres in the 18th and 19th centuries was associated with the development of St. Petersburg. There was active expansion of territories around the city centre, and industrial enterprises were gradually relocated further away from the centre. The area under study was outside the city boundaries until the 1800s and served as a natural and recreational park. In the early 1900s, the project area underwent a complete redevelopment for the needs of the port, which resulted in the haphazard development of the eastern part of the island.

The uniqueness of our area lies in the harbour engineering infrastructure, cultural heritage sites, the Gulf of Finland and water artificial objects. All of these have developed together with and depend on the harbour facilities. During the development of the territory there has been a constant increase in man-made areas and industrial development. This has led to the destruction of recreational areas and has hindered the development of residential development, particularly close to the shore.

# MASTERPLAN CONCEPT



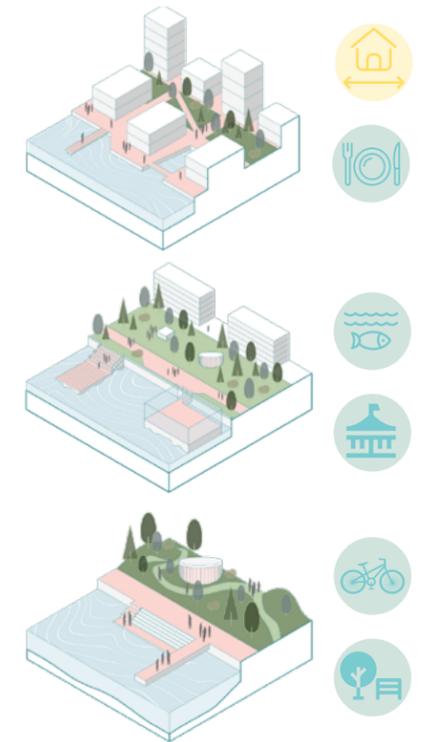
## RECREATION



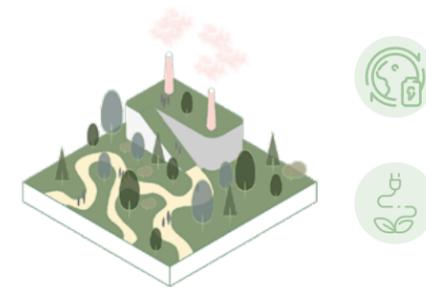
## PUBLIC-BUSINESS



## WATERFRONT



## ENERGETICS



The conceptual proposal of the design solutions and their is based on a winding study of railway lines that form the planning axes of the area. The marsh lake in the north-west of the area, the thermal power plant, as well as natural objects play an important role in the design.



**SPECIFICATIONS**

1. Science Park
2. Congress Hall
3. Student hostel
4. Algae farm and seasonal fish farm
5. Hotel
6. Leisure centre + transport and transfer hub
7. Museum of cosmonautics of the future
8. Oil Terminal Museum
9. Spa centre on the water + restaurant
10. Boathouses
11. Water Museum
12. Museum centre of new energy
13. Yacht club
14. Palace of Culture + administration district administration
15. Research and production park
16. Grocery shops at the entrance
17. Hypermarket
18. Park on the exploited roof of the heat and power centre
19. Eco-hotel
20. Renovation complex
21. Schools
22. Kindergartens
23. Community farm in the residential zone of the park

**MAP LEGEND**

- Non-treatable water resource
- Treated water resource
- Residential recreation area
- Yard areas
- Paving of pedestrian areas
- Main square paving
- Paving of main pedestrian links
- Children institutions zone
- Heat and power plant zone

**LANDSCAPING**



- residential area
- public area
- biotopes
- schools and Kindergarten

**PLACES OF ATTRACTION**



- places of attraction
- pedestrian connectives

In addition to the above, the choice of name for this area is justified by its symbolic location and shape in relation to the water. The site seems to point towards the Gulf of Finland and the Baltic Sea, symbolising a new ecological age and the elimination of the ecological footprint of the port.



VIEW OF THE MAIN STREET OF THE DISTRICT



VIEW OF THE SCIENCE PARK FROM THE LAKE



WHITE-BELLIED SEAL | BLACK-BELLIED GROUSE | RED-FOOTED IBIS | (MONK SEAL) | PRZEWALSKI'S HORSE | KULAN | ATLANTIC STURGEON | JANKOWSKI'S BUNTING | TOUR | STEPPE TARPAN | SEA COW | WOLVERINE | RIVER OTTER | EUROPEAN MINK | COMMON FLYCATCHER | BLACK RAT | GARDEN DORMOUSE | SUBTERRANEAN VOLE | MICROTUS SUBTERRANEUS | GROUND VOLE | EUROPEAN ROE DEER | NATTERER'S NIGHTJAR | POND NIGHTJAR | WHISKERED NIGHTJAR | WATER NIGHTJAR | RED VESPER | BICOLOURED LEATHERBACK | TINY LAPWING | RINGED SEAL | GREY SEAL OWL | WHITE-EYED OWL | COMMON RED DEER | BITTERN | VOLKHOV WHITEFISH | VOLKHOV WHITEFISH | SUIRSKY WHITEFISH | COOMZHA | LAKE SALMON | PALYA | PALYA | COMMON SCUP | FINTA | CATFISH | COMMON CATFISH

# OCEANOLOGY AND MARINE BIOLOGY RESEARCH CENTRE

WINNER OF THE GREEN ROOFCHALLENGE

Typologies	Status	Location	Team	Size
Sustainability, Workspace, Recreation, Public Space, Education and Research	Design Proposal	St. Petersburg, Russia	Artem Agekyan	22 620 m <sup>2</sup>

**About** Today, the ecology of Nevskaya Bay is an acute problem, including water quality, preservation of coastal areas and bottom relief, well-being of flora and fauna, and suitability for fishing and recreational use. The condition is considered critical and requires urgent intervention.

**Thesis** The main objectives of the research centre project are to restore and conserve the biodiversity of the Gulf of Finland's flora and fauna, to involve society in regenerative and sustainable development, and to promote ecological lifestyles among the younger generation, because they are our future.

The Centre of Oceanology and Marine Biology is planned to be located in St. Petersburg, on the territory of 10 hectares in the Research Park, on the shore of the former sump lake of the South-West Thermal Power Plant. The centre will be developed within the framework of the project «Revitalisation of the territory of the Great Port of St. Petersburg».

THE RED BOOK OF THE LENINGRAD REGION CURRENTLY LISTS  
875-911  
SPECIES OF FLORA AND FAUNA TODAY

**PHOCOENIDAE**  
Population - 450  
Red list

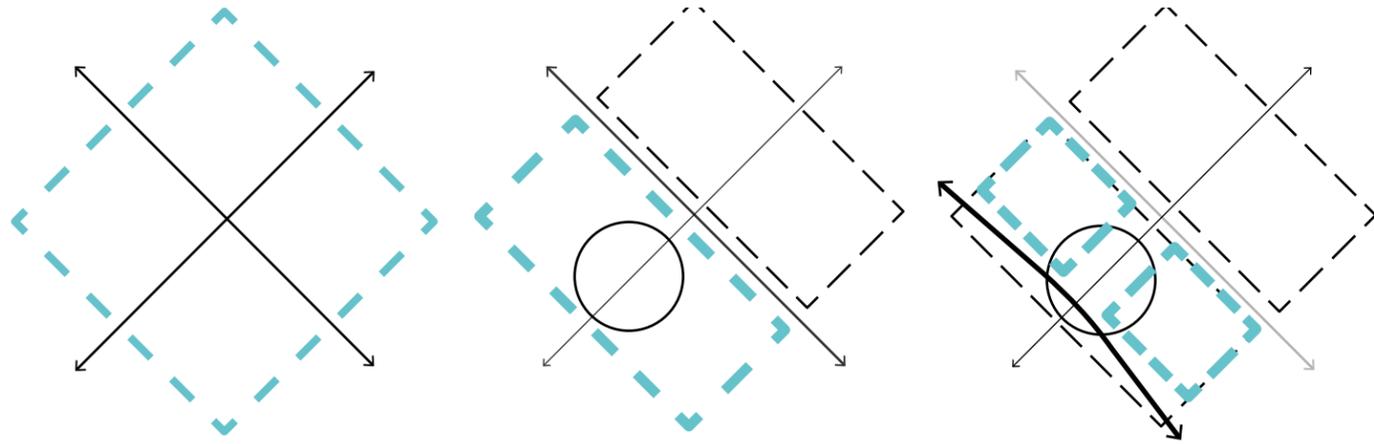
**RINGED SEAL**  
Population - 113  
Red list

*air poisoning*

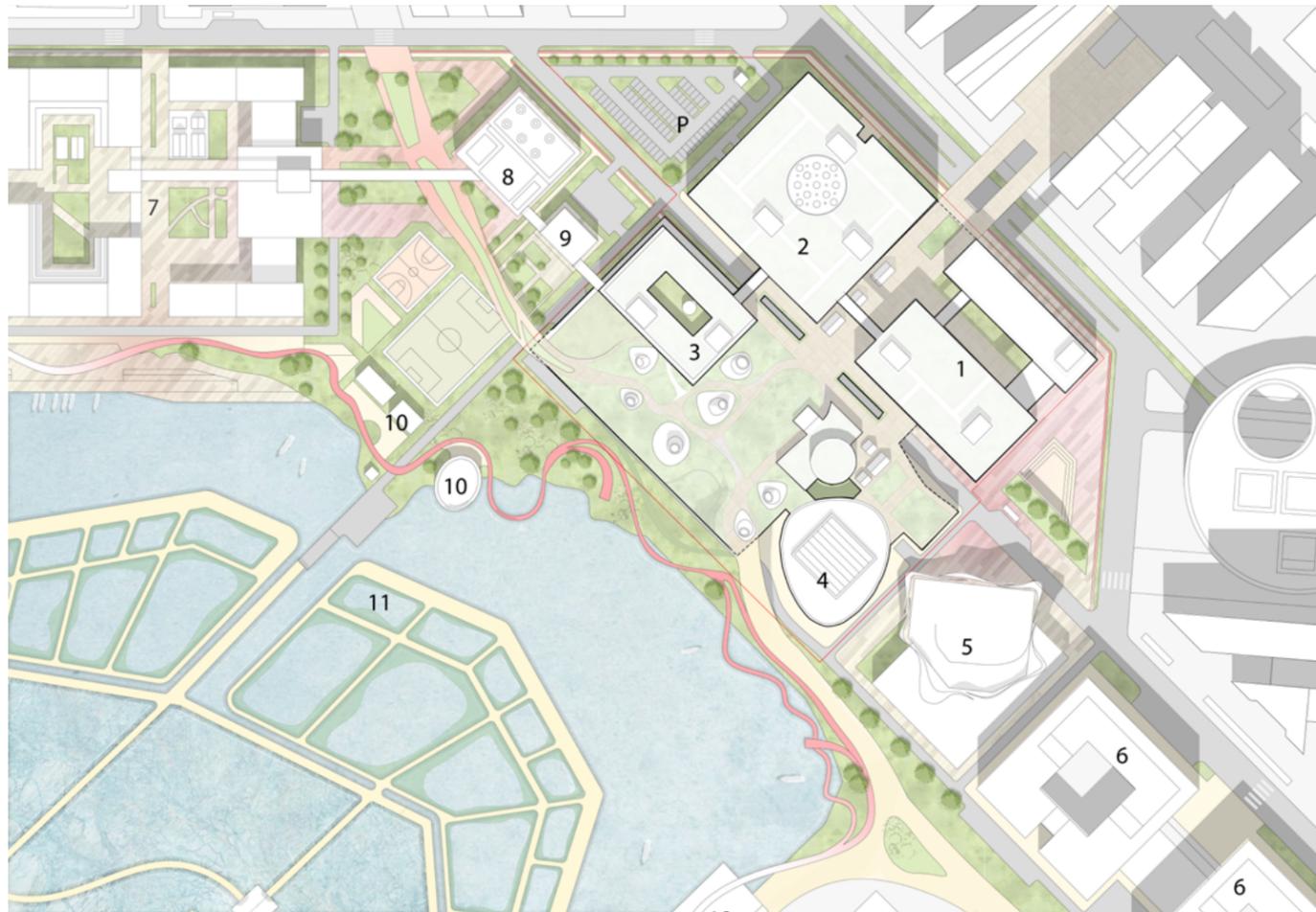
*oil spill in the port Vst Luga*

*shoreline waste*

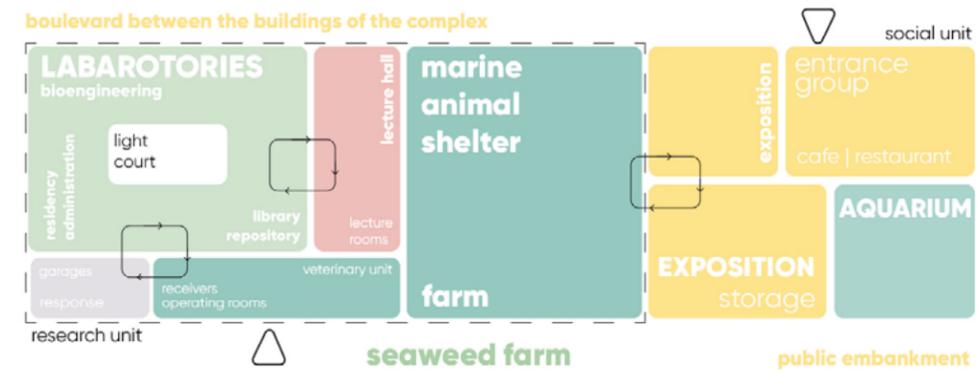
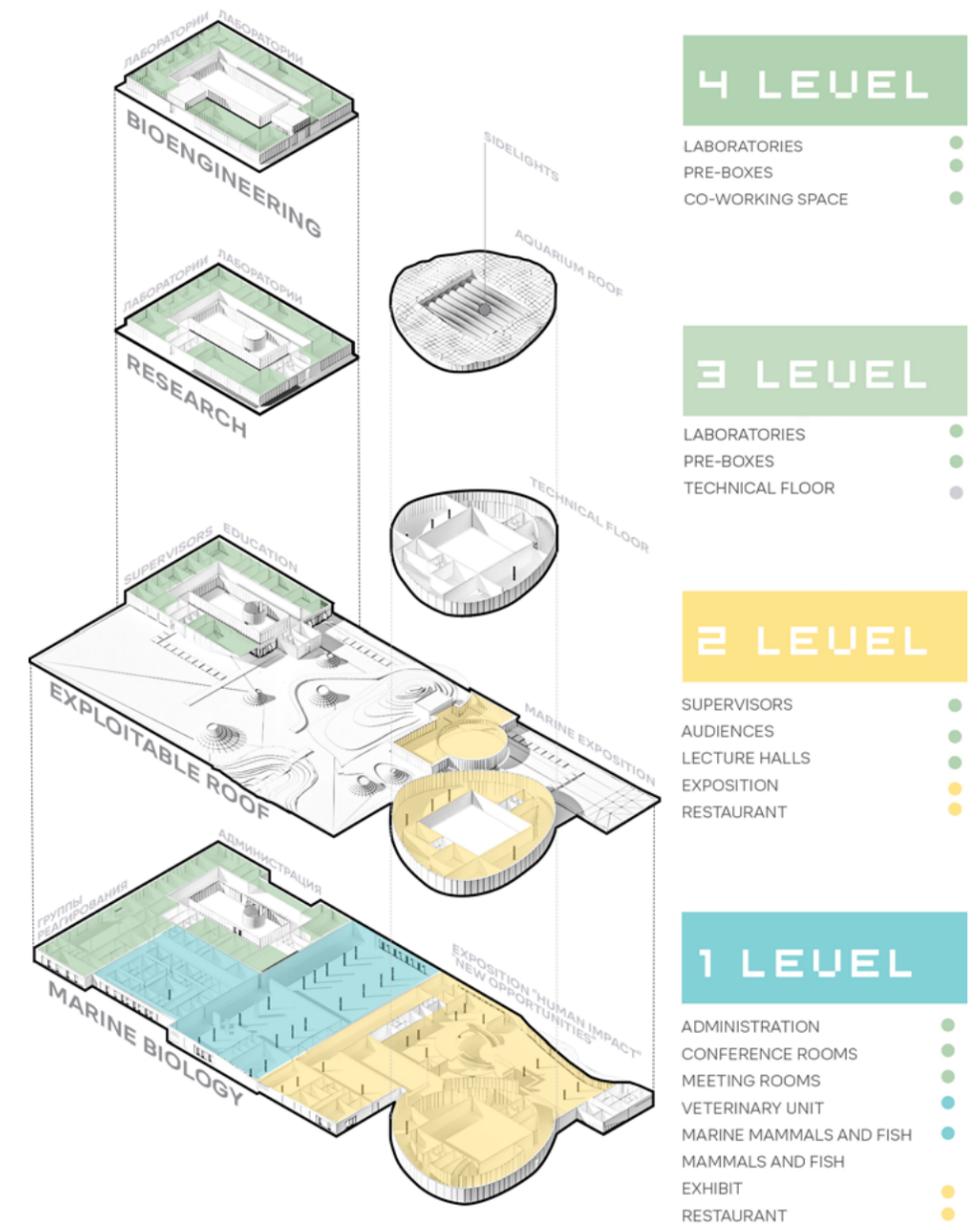
*water poisoning in some bays*

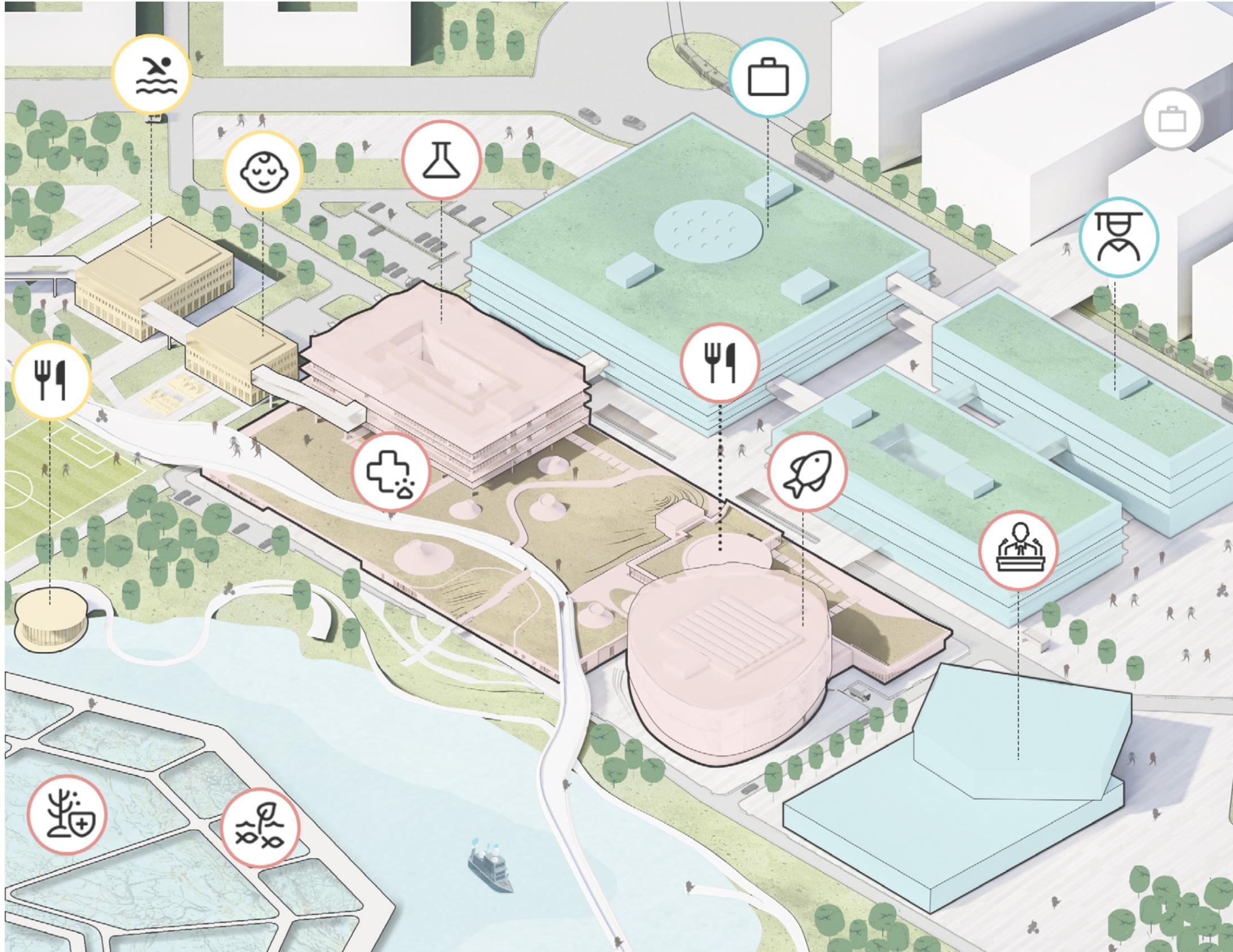


MASTER PLAN

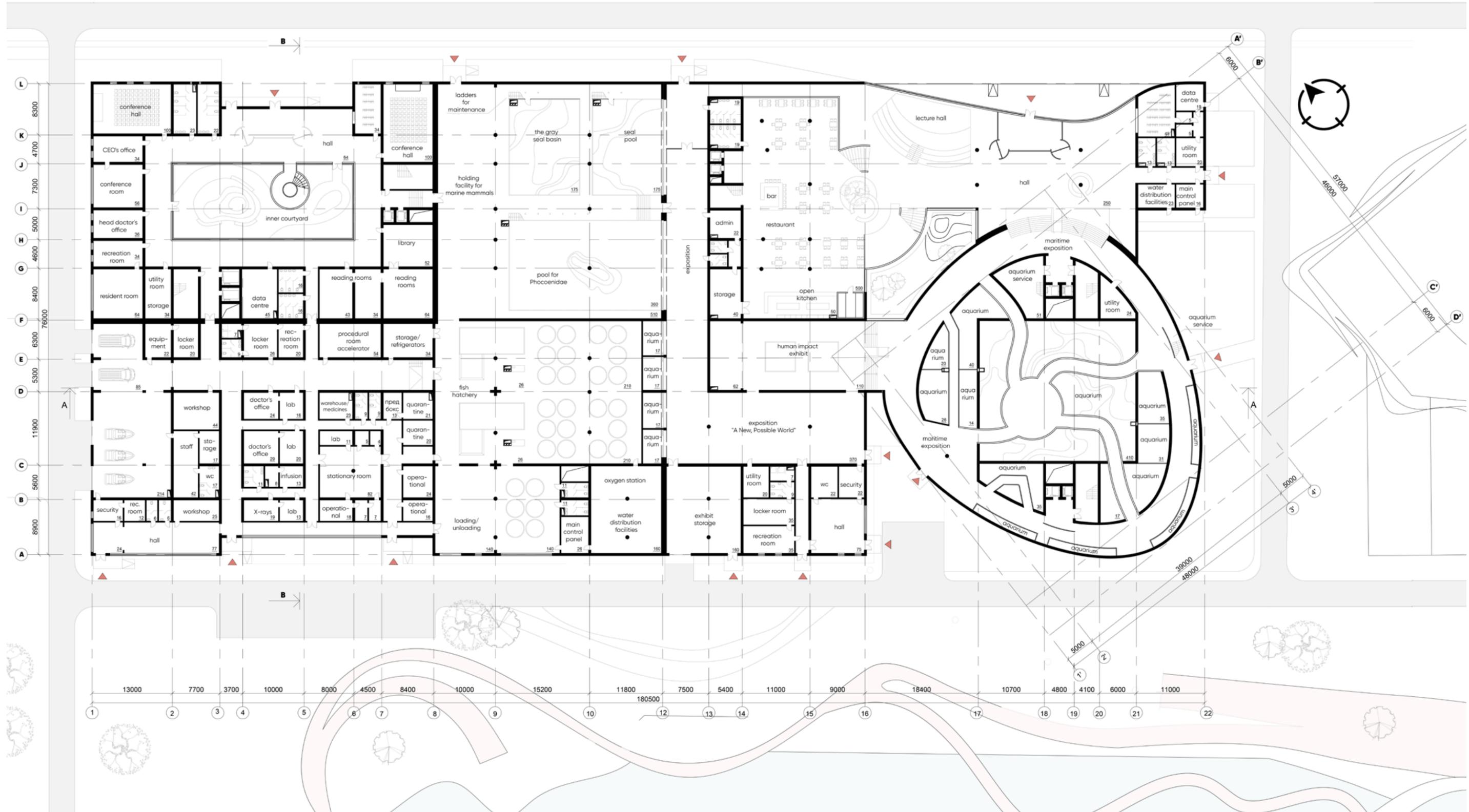


- 1. University
- 2. Building for Oceanography Protection and Research Organisations
- 3. Research Centre
- 4. Marine Biology Museum
- 5. Congress Hall
- 6. Hotel
- 7. Student dormitory
- 8. Sports block
- 9. Student library
- 10. Cafe and restaurants
- 11. Seaweed and fish farms





- research center facilities
  - public leisure facilities
  - business and study facilities
  - peripheral objects
- 
-  artificial pools for breeding different fish species
  -  farms to grow algae farms
  -  veterinary building
  -  research building
  -  offices of nature protection organizations, coworkings
  -  university
  -  kindergarten for employees research center
  -  congress hall





SCIENCE CENTRE COURTYARD



VIEW OF THE PARK ROOF AND AQUARIUM

«One of the winners of the Green roof challenge was the work of Artyom Aghekyan, who created a park roof concept for the projected Centre for Oceanology and Marine Biology in St. Petersburg. This project attracts attention with its combination of engineering and socio-cultural solutions».

Ecourbanist Journal



VIEW OF THE RESEARCH CENTRE



## TARAKAY GUEST HOUSE

ARCHITIME.RU MAGAZINE FAVOURITE

Typologies	Status	Location	Team	Size
Recreation, Sustainability	Design Proposal	Altay, Russia	Artem Agekyan Gleb Agenorov A. Atamuratova	22 620 m <sup>2</sup>

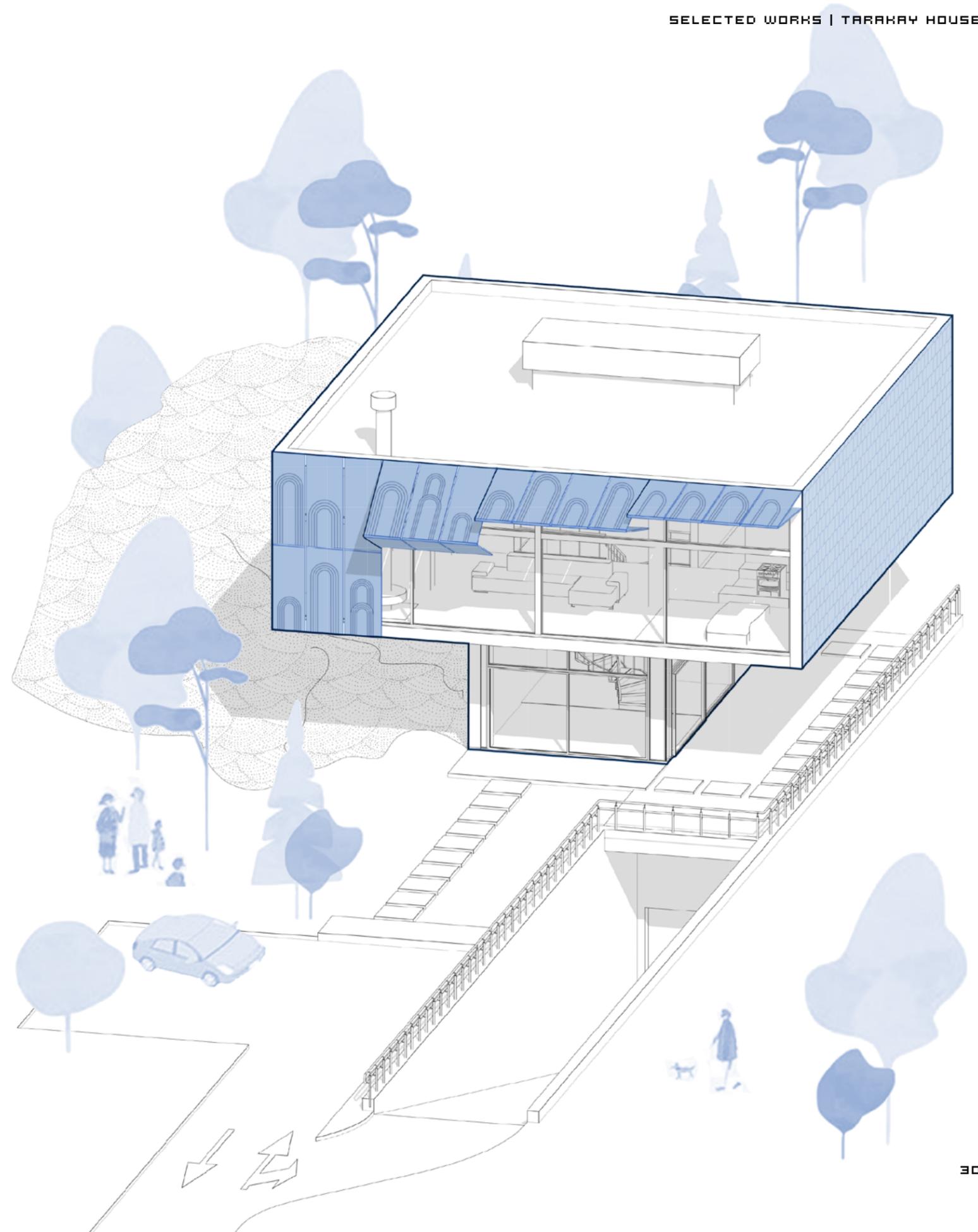
**About** This project for an artist Nikolai Chepokov (Tarakay). He is wanderer and one of the guardians of the Altai, whose works can be seen in the Interiors and presentation of the project

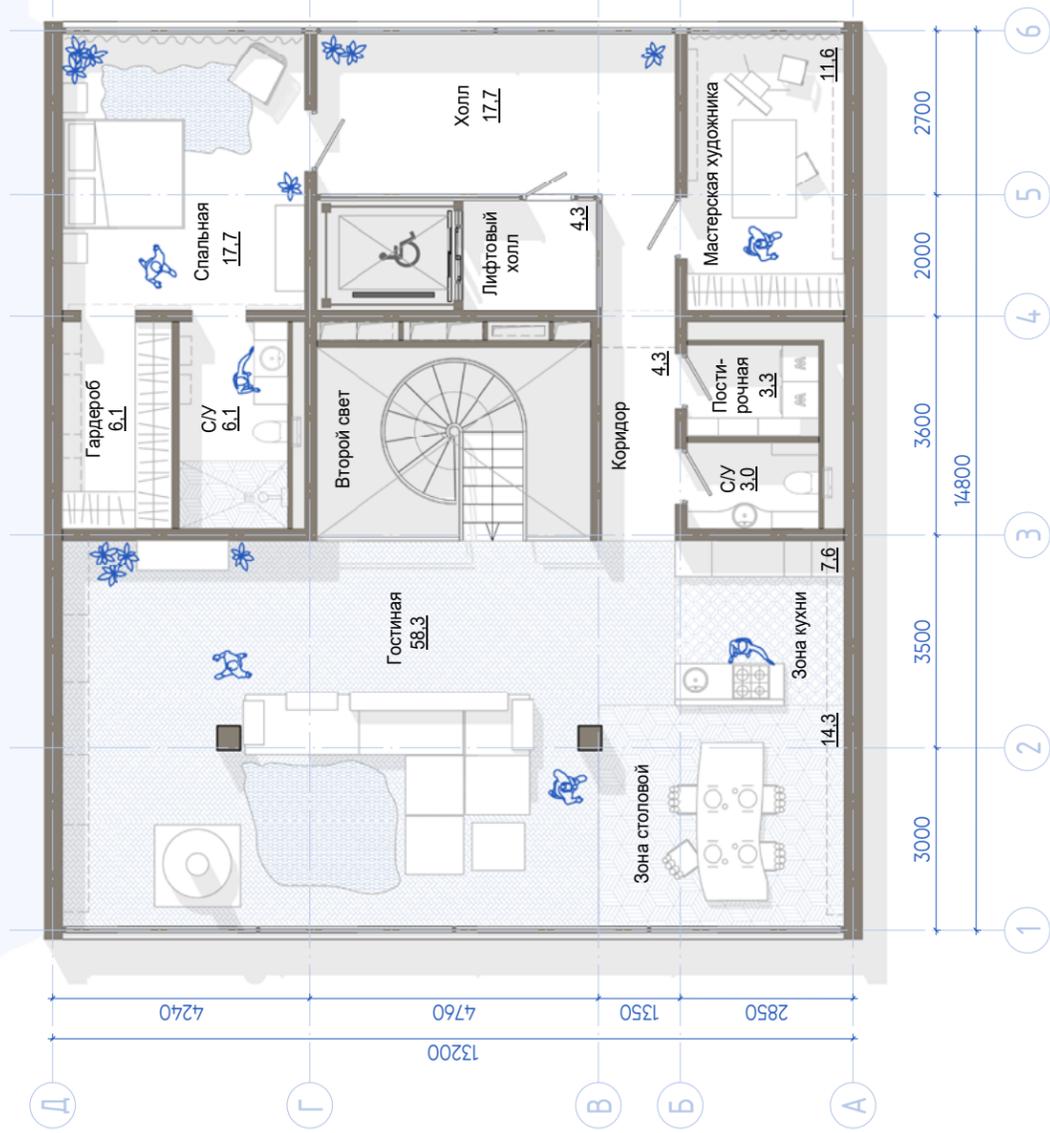
**Thesis** The project is designed to remind us of the history and authenticity of the diverse country in which we live. This project shows that the past (culture) and the future (technology) can harmoniously co-exist and merge, just as the Altai rivers Katun and Biya once merged according to ancient Legend, forming one of the largest and most majestic rivers in Russia - the Ob.





The first thing to note is the shape of the building, which refers to the elements of nature (trees, various plants) that open out upwards. The main functional residential and technical blocks are located on the "floating" first floor and underground, and the first floor is a hub between them, a some combination of a shelter and a tree house. It is also impossible to ignore the automated facade panels on the front of the building, whose ornamentation refers to the fairytale nature of the Altai Mountains.







## MULTILEVEL PARKING NEWPITER 2.0

100+ AWARDS FINALIST

<b>Typologies</b>	<b>Status</b>	<b>Location</b>	<b>Collaborators</b>	<b>Client</b>	<b>Size</b>
Technical purpose, Non-residential building	Completed	Novoselye, Russia	Temp-Project	Stroytrest Ltd	8793 m <sup>2</sup>

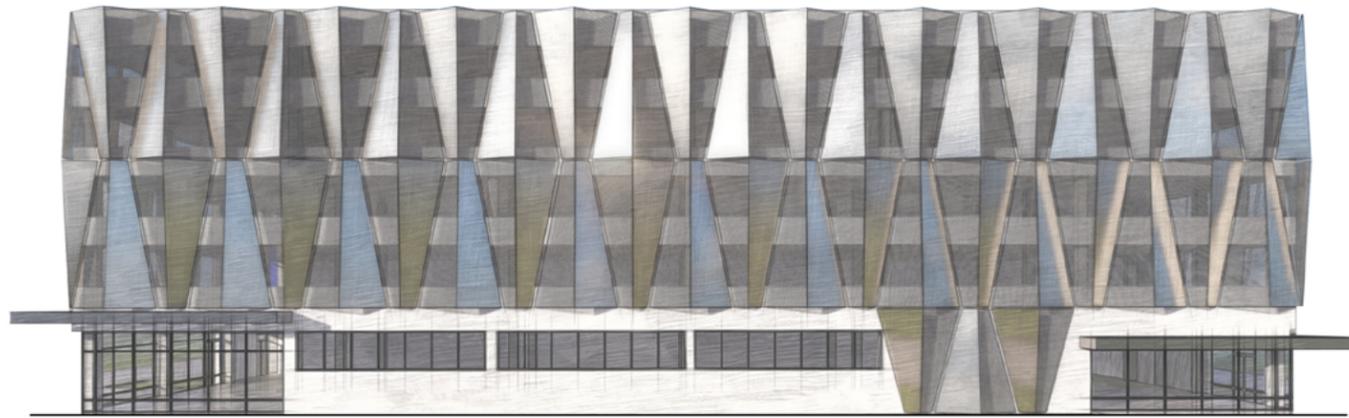
**About** The multi-level car park project was designed for the order of Stroitelny Trust and is located in the NEWPITER residential complex under construction in the Novoselie settlement in the Leningrad region. The project with an area of more than 8000 square metres incorporates a unique trend of modern architecture, visual lightness and economy.

**Thesis** I was faced with the challenge of developing facade solutions that would beautify the building, but would also be quick and easy to install, and within a small budget. An important project from a social point of view. In Russian's housing estates, residents are used to faceless technical architecture surrounded by residential "anthills". I set myself the task of creating something different from the everyday life of city dwellers, something that would attract attention and encourage people to think about the environment in which they live. The car park is painted in grey to emphasise its technical function and its position on the road, so that the project stands out from the canvas of straight forms, but remains part of the whole.

As in literature, the population needs to be introduced to an understandable but complex architecture.

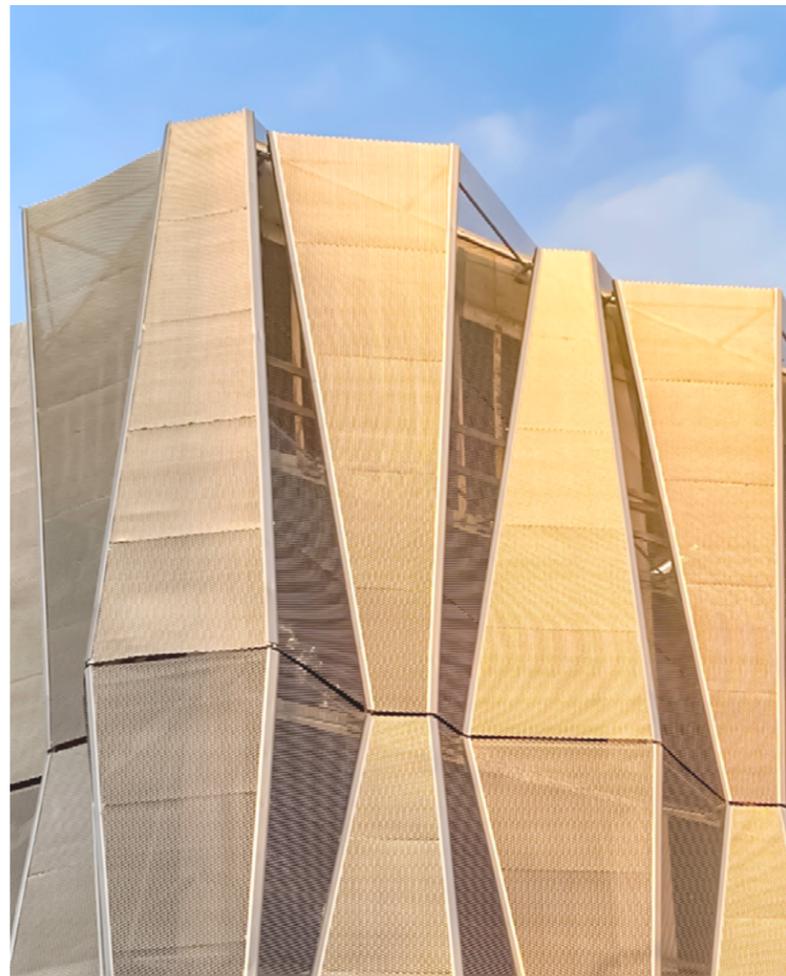
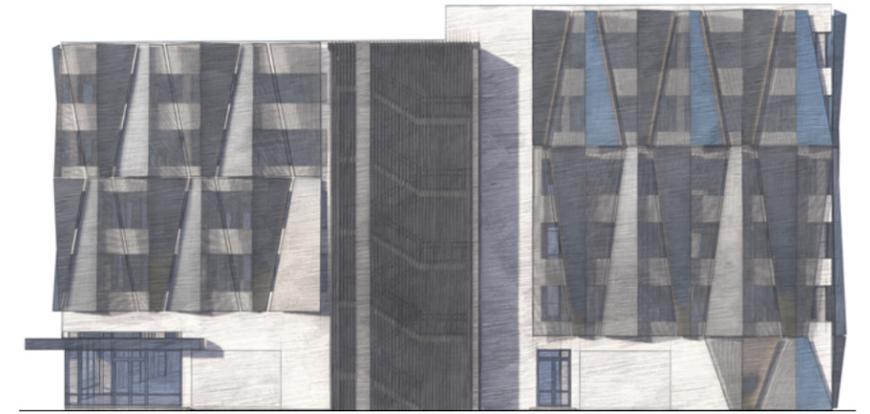


PHOTO BY ARTEM AGEKYAN



«A car park is rarely perceived as an object that requires architectural reflection. Neither developers nor, strangely enough, users expect it to have any particular aesthetic appeal. At best, it is hidden underground, at worst, it becomes an eyesore. But it turns out that there is a third way - it becomes part of the ensemble»

Prorus Journal



The solution was a light and graceful «pleat» created with metal-framed facade systems, manufactured and assembled in-house, delivered to site and installed immediately.

A material as simple as metal mesh proved to be the optimal solution: it hides the technical facade, but is open enough to make the car park buildings appear lighter. In addition, the geometry of the facade reflects light and glare beautifully, which is particularly advantageous at sunset.

PHOTO BY ARTEM AGEKYAN



PHOTO BY ARTEM AGEKYAN



«The New Peter microdistrict differs from other new buildings in St Petersburg in that it has been designed by different architects. The car parks, for example, were designed by the young Bagratuni Brothers studio, which proposed folded metal mesh facades that transformed a utilitarian building into an object worthy of the Red Line»

Archi.ru Journal

PHOTO BY ARTEM AGEKYAN

