SAHALINTECH.SSU
The university of successful and happy people

Alexander Sergeyevich Samardak

Rector

Sakhalin Region in the horizons up to 2035

REGION

- Annual **GRP growth** – **6%** per year
- **TOP-10** leading regions in quality of life
- **TOP-5** investment potential ranking
- Net migration rate (per 100 ppl) – **2,75**

BUSINESS >60 investment projects   >600 bln RUB   >23k job opportunities

OIL AND GAS INDUSTRY – 5 projects: 200 bln RUB

COAL INDUSRTY – 2 projects: 25,8 bln RUB

FISHING INDUSRTY – 3 projects: 9,7 bln RUB

CONSTRUCTION SECTOR – 6 projects: 13,6 bln RUB

COMPOSITE MATERIALS – 1 project: 6,5 bln RUB

EDUCATION AND SCIENCE – 3 projects: 25 bln RUB

TIMBER SECTOR – 1 project: 13 bln RUB

INDUSTRIAL PARKS – 3 projects: 8,3 bln RUB

AGRICULTURAL SECTOR – 2 projects: 8,1 bln RUB

NEW ENERGETICS – 2 projects: 31 bln RUB

TOURISM – 29 projects: 21,5 bln RUB

TRANSPORTATION AND LOGISTICS – 11 projects: 70 bln RUB

REGION DEVELOPMENT IS IMPOSSIBLE WITHOUT THE LEADING ROLE OF UNIVERSITY!

Region Capacities

First centre of Unmanned Vehicles in the Far East
Unmanned vehicles in every school!

GUIDELINES FOR STUDY COURSE WORKING PROGRAM
"LEARN TO FLY!"
FOR 2-4 SCHOOL YEARS OF GENERAL EDUCATIONAL ORGANIZATIONS

GUIDELINES FOR STUDY COURSE WORKING PROGRAM
"PROGRAMME AND FLY!"
FOR 5-8 SCHOOL YEARS OF GENERAL EDUCATIONAL ORGANIZATIONS

GUIDELINES FOR STUDY COURSE WORKING PROGRAM
"OPERATOR OF UNMANNED FLYING VEHICLES"
FOR 10-11 SCHOOL YEARS OF GENERAL EDUCATIONAL ORGANIZATIONS

Unique practical base
Unmanned vehicles production
SSU, SCB MSAT

First hydrogenic cluster

2024
Hydrogen grounds
Advanced Engineering School

New Energetics: Transition to hydrogen H_2

Unique practical base
Grounds for technological solutions development
in hydrogen energetics
SSU, SCB MSAT (FEB RAS), MIPT, BMSTU

First AI region

2023
Artificial Intelligence - in every school

2024
Artificial Intelligence - in every ministry

83 projects
in the region are realised
with the help of AI

AI Centre SSU and Sber

First climatic project

2022
V.V. Putin
Federal Law on climatic experiment

2025
Sakhalin Region is carbon-neutral
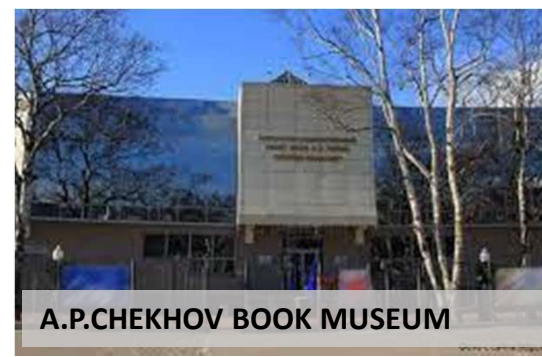
Unique practical base
SSU Climate Centre

Sea carbon grounds

Wetland sea carbon grounds

Yuzhno-Sakhalinsk – fast-developing city

SKI RESORT «MOUNTAIN AIR (GORNY VOZDUKH»

LOCAL HISTORY MUSEUM

MEMORIAL COMPLEX «POBEDA»

WATER SPORTS CENTRE

ART MUSEUM

CHEKHOV THEATRE CENTRE

WATERPARK

SAKHALIN ZOO

A.P.CHEKHOV BOOK MUSEUM

>20 sports facilities

64% people engaged in sports

7 museums

5 theatre-cultural centres

4

SAHALINTECH
SSU

priority ▲

Передовые
инженерные
школы

2024

Main building SahalinTech.Centre (4500 sq m.)

Partnership with Sber

- AI centre
- 21.SBER School – the best in RF

Preuniversity (SahalinTech.Alaid)

Human capital

100+
brought in employees
among them 50+ outside of Sakhalin Region
12 PhD, 27 Candidate Degree

population growth in the region for the year of 2024
(first time in 7 years)

New enrollment campaign at federal level

3892 applications

100% target admission figures achieved

Поступайвунивер.рф

Scientific-technology development

- First hydrogen grounds

- First drone nest

A2024

- Gazprombank research centre

GAZPROMBANK

- First sea wetland grounds

28 programs of Higher and Further Professional Education,
10 new laboratories

50th place
of the region in STD ranking
(moved up from 63rd)

Other achievements

- Region Management School – best practice

- First acoustic hall акустический зал «Symphonia»

- First branch of B.Shchukin Theatre Institute

ТЕАТРАЛЬНЫЙ ИНСТИТУТ
ИМЕНИ БОРИСА ЩУКИНА

SAHALINTECH
SSU

priority
Передовые
инженерные
школы

2 700 students **300** academic staff

5000 students **500** academic staff

2024 SBER **2025** **2026–2027** **2036**

New strategy

Campus SahalinTech

REC SahalinTech

SAHALINTECH SSU

University 4.0

61,7 average point at Unified State Exam
1617 higher education students (full-time)
36 international students
129 academic staff
56 articles in Scopus, 2024
4 intellectual property (IP)
8 new laboratories and research centres
170 mln RUB research and development (R&D)

Region — Education — R&D — Further edu.
2.9 bln RUB
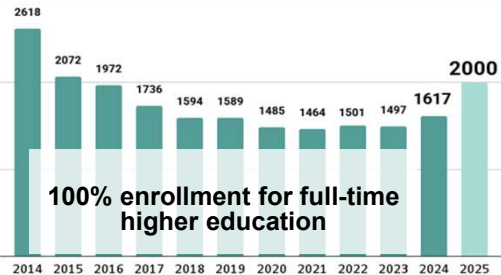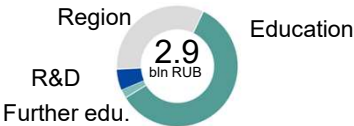
2000 higher education students (full-time)

Campus for **1 500** students

19 new academic programs
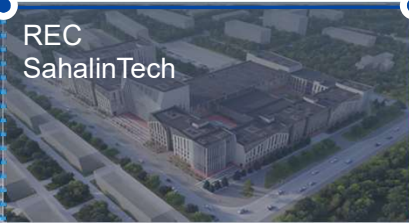
67,3 average point at Unified State Exam
2700 higher education students (full-time)
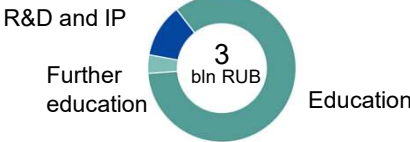**150** international students
300 academic staff
75 articles
10 IP
21 laboratories (campus)
300 mln RUB R&D, incl.
50 mln RUB IP

R&D and IP — Further education — Education
3 bln RUB

70,2 average point at Unified State Exam
4000 higher education students (full-time)
1000 international students
500 academic staff
400 articles
30 IP
50 laboratories SahalinTech
2,9 bln RUB R&D, incl.
500 mln RUB IP

Further education 40%
R&D and IP 40%
Education 20%
6.9 bln RUB

New schools | **Specializations**

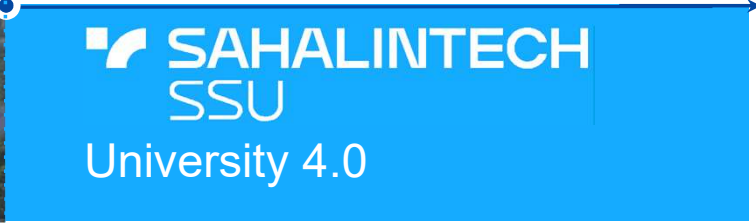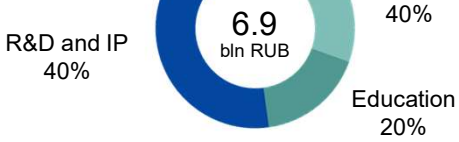| New schools	Specializations
Ocean Economics School	Biodiversity, Biotech, Foodtech, climate and ecology
Artificial Intelligence School	Unmanned vehicles, AI, IT security
Advanced Engineering School	Hydrogen technologies, energetics, new materials, offshore production technologies
Region Management School	Public administration, MPA, MBA, economics, law, lean production and project management
Contemporary Asia Study School	Oriental studies, languages, history, culture, politics, business and logistics of Asia-Pacific countries
School of Pedagogics and Socio-Humanistic Technologies	New educational technologies, sociology, psychology, pre-school and school education, work with talents, career plans

R&D-centres
SahalinTech.Aqua
SahalinTech.Energo
SahalinTech.Geo
SahalinTech.Agro
SahalinTech.Socio

Цифровая платформа СахалинТех

Bar chart — **100% enrollment for full-time higher education**

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
2618	2072	1972	1736	1594	1589	1485	1464	1501	1497	1617	2000

Research and Educational Centre SahalinTech

**REC
SahalinTech**

Campus SahalinTech

Location: Prospekt Pobedy
Total land area: 1,87 ha
Gross building area: 39k. sq m
Capacity: 1500 students

**Campus
SahalinTech**

SAHALINTECH
SSU

SAHALINTECH
ISLAND ENGINEERING

OIL & GAS

URALS ENERGY · ННК · САХАЛИНСКАЯ ЭНЕРГИЯ
ГАЗПРОМ ДОБЫЧА ШЕЛЬФ ЮЖНО-САХАЛИНСК · ГАЗПРОМ

HYDROGEN
TECHNOLOGIES

ENERGON · inenergy
РусГидро · ТРАНСМАШХОЛДИНГ

OCEAN
ECONOMICS

SofoS
Protein biotechnology

IT & AI

ГАЗПРОМБАНК
1С · Cubisio

PEDAGOGICS &
EDUTECH

SahalinTech

Customer's
path

Market
entry

Acceleration

Funnel   Incubation

Entrepreneurship
education

Environment

Infrastructure

UNMANNED
VEHICLES

TEZONA · АСЦПС · ЭЛВИС

ASIAN
COUNTRIES
STUDY

SAHALINTECH ALAID

Centre for talented children

SAHALINTECH SSU
SAHALIN STATE UNIVERSITY

Session specializations

SCIENCE	Unmanned flying vehicles
	AI
	H_2
	Climate and ocean economics
SPORT	Karate
	Alpine skiing
	Water sports
	Chess
ART	Music theatre
	Drawing (exhibition)
	Theatre (performance)
	Activities, Museums, Theatre

Science and Technology Track (Aykhor laboratories)
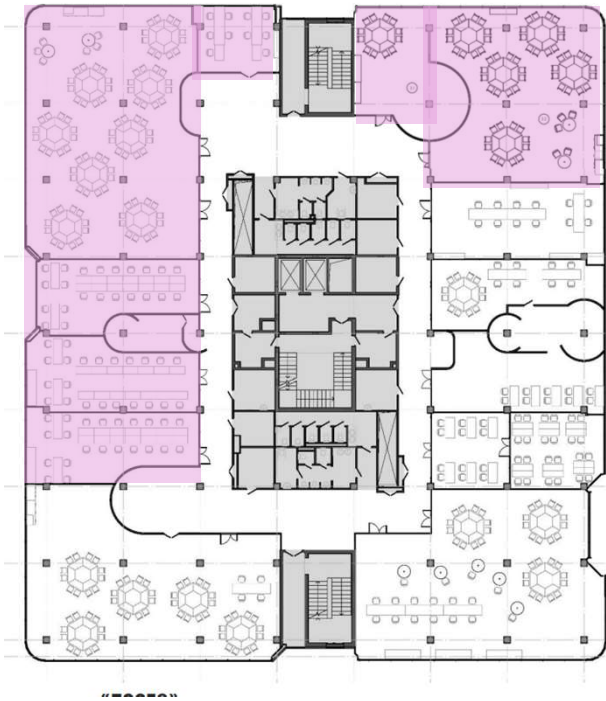
Alaid.Far East

Camp «Vostok», SahalinTech Centre (Aykhor) «Science+Sport+Art»

Area 5000 sq m
8 studios
10 classrooms
8 laboratories
Observatory
Library
Lecture-hall

SAHALINTECH OLYMPIAD
INTERDISCIPLINARY OLYMPIAD FOR RF AND BRICS STUDENTS

PROGRESS BY WINNING

WORLD OCEAN
INTERDISCIPLINARY OLYMPIAD FOR RF AND BRICS STUDENTS

The participants will work on the forecasting models of the climate changes, their impact on the marine ecosystems, and on developing strategies for sustainable marine resources management

HYDROGEN ENERGETICS
INTERDISCIPLINARY OLYMPIAD FOR RF AND BRICS STUDENTS

The tasks concern research and development of new methods of hydrogen production and storage as well as its use for clean energy production

UNMANNED VEHICLES
INTERDISCIPLINARY OLYMPIAD FOR RF AND BRICS STUDENTS

The participants have to develop and improve unmanned vehicles technologies. The projects can concern navigation system, sensory equipment as well as solution of the safety and control problems.

ARTIFICIAL INTELLIGENCE
INTERDISCIPLINARY OLYMPIAD FOR RF AND BRICS STUDENTS

The participants are requested to develop algorithms and models that can improve existing technologies in the machine-learning field and data processing.

2024

Program

- **Registration**
  October 3 - October 20

- **1st elimination round**
  October 10 - October 20

- **2nd elimination round**
  October 23 - October 30

- **Final round**
  November 14 - November 20

+10 points in SSU

olymp.sakhgu.ru

Total enrollment in Sakhalin State University for higher education degree and secondary vocational education degree in 2024

2149 people

Higher education – 1033 people(970)

782 people
state-subsidized education

251 people
paid education

Secondary vocational education – 1116 people(1128*)

635 people
state-subsidized education

481 people
paid education

SAHALINTECH
SSU

Entry competition per place

Oil and Gas Engineering	10
Applied Informatics	9
Linguistics (Chinese and English Languages)	9
History and Social Studies	8
Foreign Language (Korean and English)	8
Foreign Language (Japanese and English)	8
Oriental and African Studies	7
Elementary Education and Foreign Language (English)	7
Applied Mathematics and Informatics	6
Construction	5
Public Administration	5
Economic Security	5
Russian Language and Literature	5
Technosphere Safety	5
Power and Electrical Engineering	4
Health and Safety and Additional Education	4

5 PEOPLE PER 1 PLACE

APPLICANTS GEOGRAPHY

Sakhalin Region
Primorsky Krai
Krasnodar Krai
Republic of Buryatia
Trans-Baikal Krai
Khabarovsk Krai
Uzbekistan
Amur Region
Jewish Autonomous Region
Arkhangelsk Region

Bryansk Region
Moscow
Kaliningrad Region

Kamchatka Krai
Kemerovsk Region
Kirovsk Region
Murmansk Region
Nizhny Novgorod Region

Orenburg Region
Republic of Sakha (Yakutia)

Republic of Udmurtia
Republic of Khakassia
Rostov Region
Samara Region
Saratov Region
Sverdlovsk Region
Stavropol Krai
Tula Region
Tyumen Region
Chelyabinsk Region
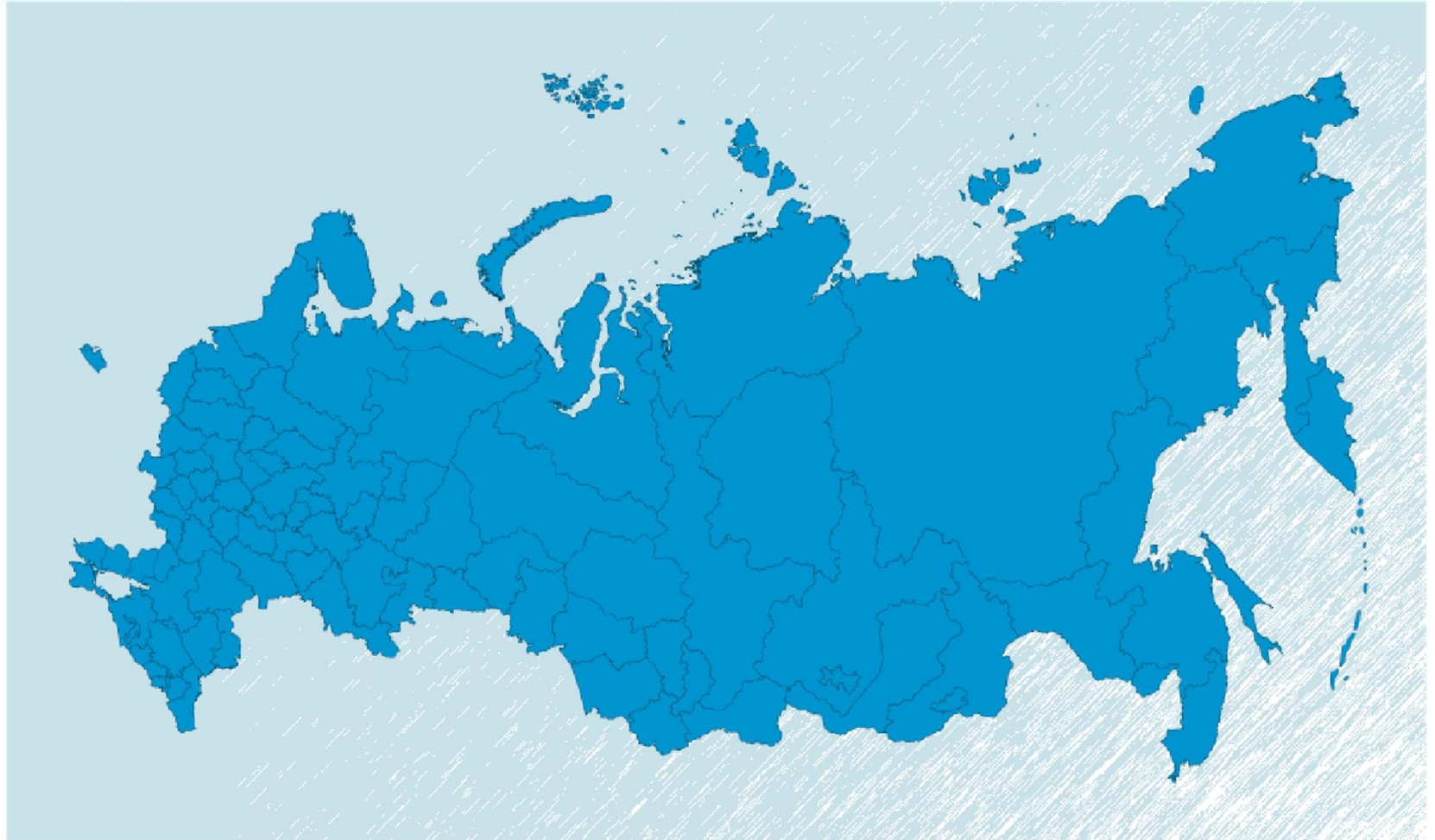
New programs

2025

Undergraduate
09.03.02 Information Systems and Technologies
10.03.01 IT Security
16.03.01 Applied Physics
18.03.01 Chemical Technologies
Master's degree
09.04.03 Applied Informatics
20.04.01 Technosphere Safety
37.04.01 Psychology (Extreme psychology)
40.04.01 Legal Studies
58.04.01 Oriental and African Studies

Student mobility

Гранд-финал

«Первые кадры»

«Весь этот мир творит учитель»

2024

140+ students

49 all-Russian and regional events

27 cities

35 medallists and winners

2023

90+ students

29 all-Russian and regional events

16 cities

17 medallists and winners

Military training centre

Computer room

Room for military-political work study
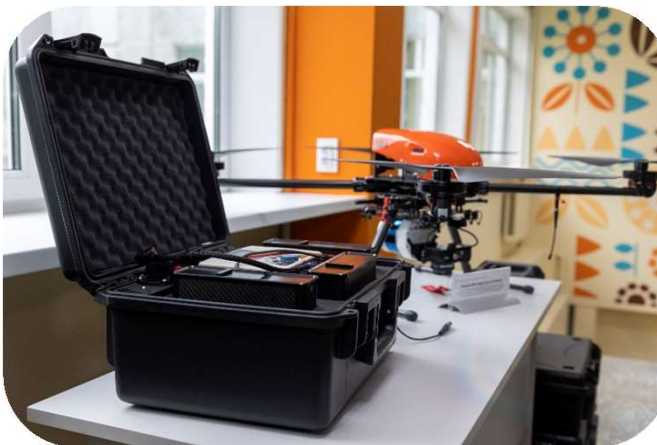

Room for military topography study

Lecture room

Methodics department

Staffroom

SAHALINTECH
SSU

Strong foundation for future victories

- Contests
- Olympiads
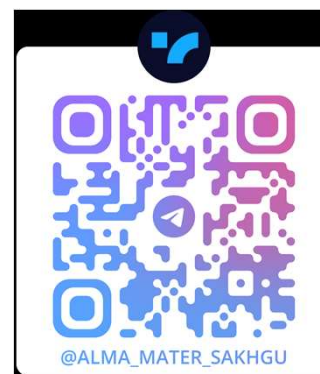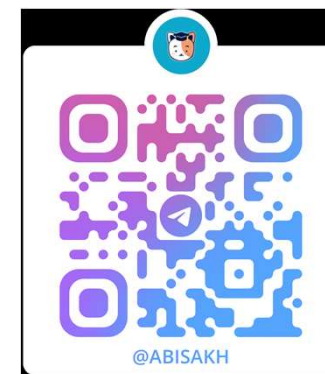- Festivals
- Social and eco projects
- Sport and tourism

AGRO-PARK

TECHNO-PARK
SAHALIN TECH

SAHALINTECH
CENTRE

REC

SCB MSAT
(FEB RAS)

NEW
CAMPUS

SSU
MAIN BUILDING

OLD
CAMPUS

VOSTOK SIRIUS

SAHALINTECH
SSU

SAHALINTECH
SSU
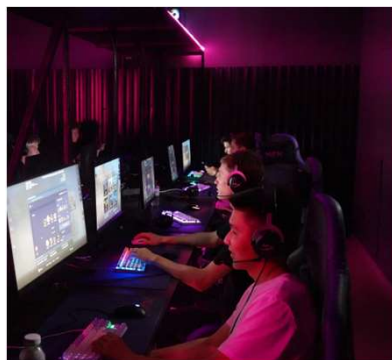
SSU Alma mater

SSU Abitorium

@ALMA_MATER_SAKHGU

@ABISAKH

admission link:

поступайвунивер.рф

Study
on the island! *in SSU*

Apply in SSU

Career Plan