



**FSBEI HE STAVROPOL SAU**



# **Sustainable Cities and Communities Make cities and human settlements inclusive, safe, resilient and sustainable**



**11 SUSTAINABLE CITIES  
AND COMMUNITIES**





## General information on SSAU



In terms of the occupied area, SSAU is one of the largest agricultural universities in the country, which in its structure has 105 real estate objects with a total area of 163,958.41 sq. m, including: 124.3 thousand sq. m - educational and laboratory facilities (75.8%); 37.6 thousand sq. m - hostels; 9459.1 hectares of land, of which 9422 hectares are agricultural lands.

The University campus facilities are located in several areas - in the center of Stavropol and in the industrial zone of the city, which sets the priorities of the campus policy.

Student dormitories are located within walking distance from educational buildings in each of the territories. The University pays much attention to ensuring the security of all its facilities, therefore, starting in 2013, a modern access control system (ACS) based on the Sigur software, developed at the University, has been introduced.

All buildings and structures are included in a unified access control and management system.

The University became the first university in the South of Russia to introduce a biometric facial recognition system using artificial intelligence and computer vision "Vizir", which identifies visitors passing through the turnstile.

The ACS system includes 35 turnstiles and 440 video surveillance cameras.





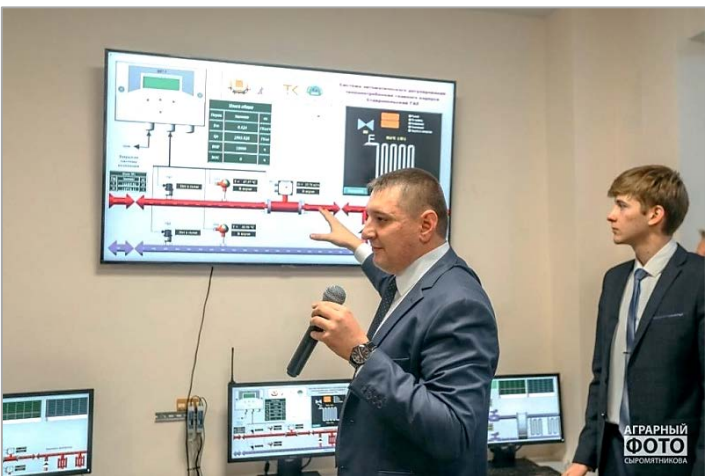


## General information on SSAU

Educational and research laboratory of SSAU  
"Energy efficient  
Technologies heat consumption and dispatching"



Faculty of Electrical Power



In 2018, SSAU together with strategic partners - the companies TEPLOCOM, VZLET (St. Petersburg) and JSC Teploset (Stavropol) developed and implemented an automated complex for remote dispatch control and management into the thermal power system of SSAU heat consumption parameters of the university, which allows real-time remote monitoring and control of heat consumption parameters (heating and hot water supply systems), taking into account automatic weather compensation of the coolant temperature. Savings of the University from the introduction of this system in 2019–2020. amounted to 135,714.28 euros.



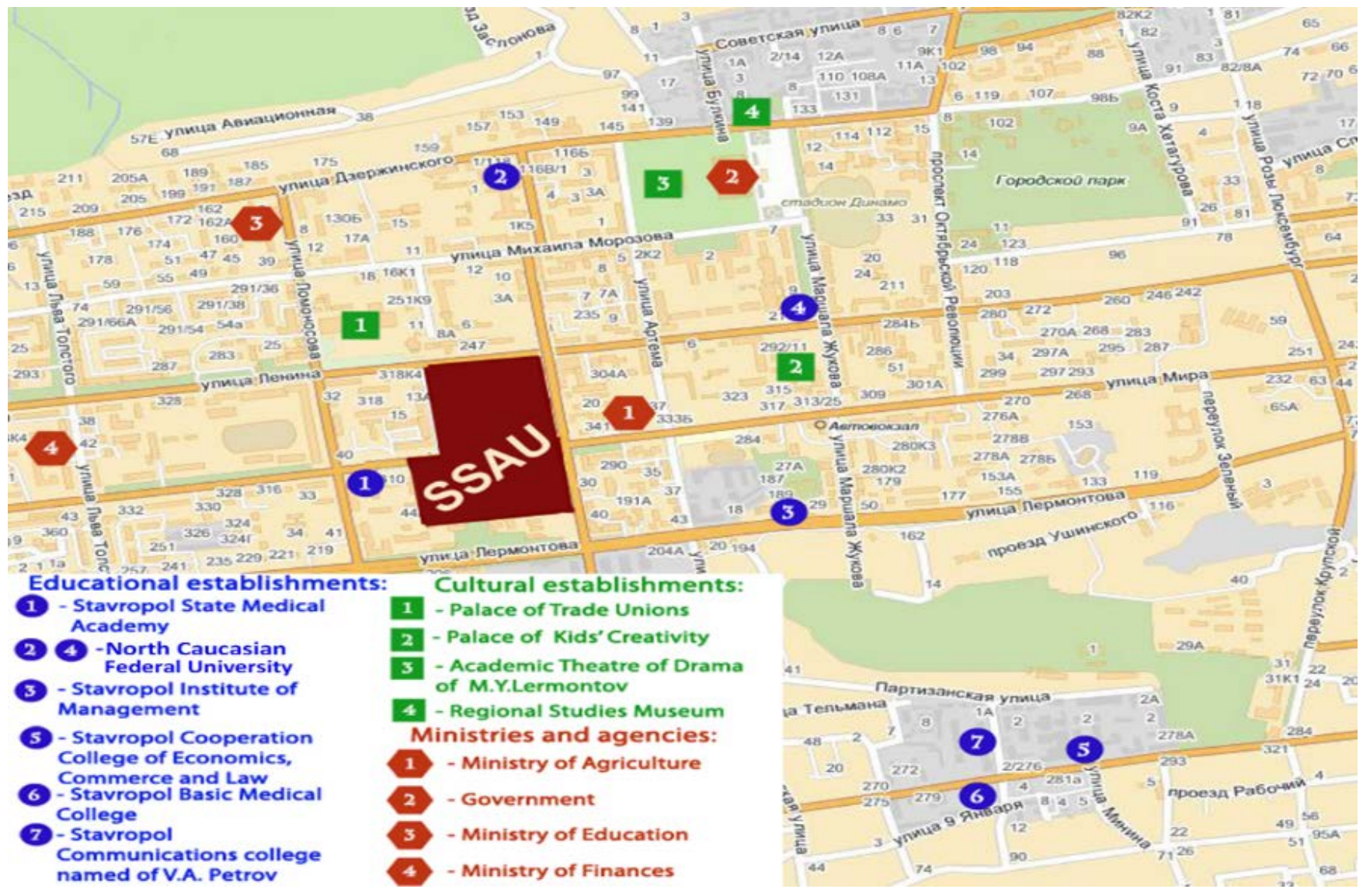
A comprehensive system of alternative energy sources also operates on the campus, which allows illuminating both the inner and the adjacent urban area at night.





# General information on SSAU

## Social environment of the main building of the university



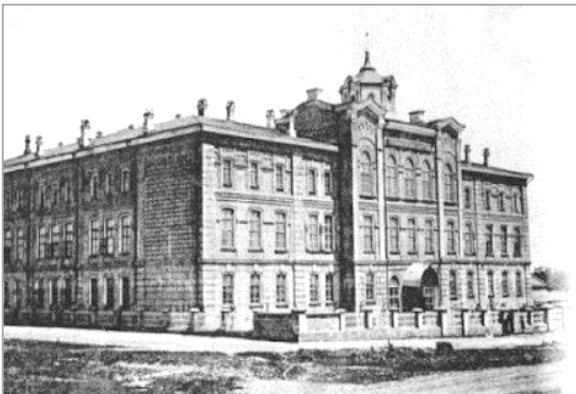




# Providing public access to buildings and / or monuments or landscapes of natural heritage of cultural significance



In 1875, on the initiative of Bishop German of the Caucasus and Yekaterinodar, by decree of the Holy Government Synod and with the permission of Emperor Alexander II, a diocesan school for women was opened in Stavropol. In 1887, according to the project of the famous Stavropol architect Fyodor Karlovich Knorre, the own building of the Caucasian Diocesan Women's School was erected on the northeastern side of Sofievskaya Square. This extraordinary three-storey building made of polished shell-rock, facing Nevinnomysskaya street (today - Mira street), has become a special phenomenon in the provincial center. On its third floor, in a large hall full of sunlight, a house church in honor of the Tikhvin Icon of the Mother of God, renamed in 1896 in honor of the Intercession of the Most Holy Theotokos, settled. The building soon became cramped for three hundred pupils and teachers of the school. In 1908, engineer and architect Grigory Kuskov proposed a project to expand the building. No less venerable architect Andrian Petrovich Bulygin proposed his project. It was this project of expanding the building at the expense of an extension on Mitrofanovsky (today - Zootechnical) lane that was approved by a special diocesan commission. In 1910, the construction of a three-story extension began, to a large extent repeating the facade drawing of the first building. The construction lasted for over five years. The newly built building with two main entrances was an example of urban planning, becoming the most majestic in Stavropol.



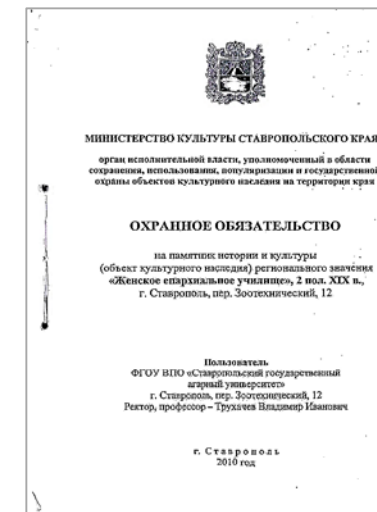
1887, the building of the Caucasian Diocesan Women's School



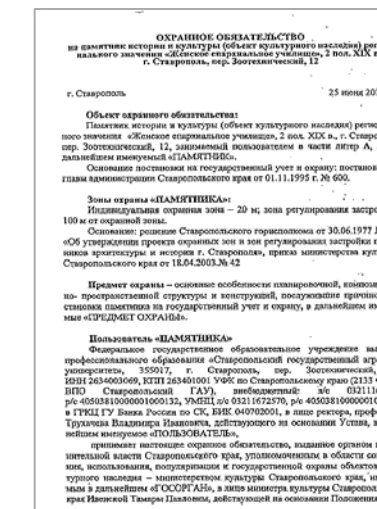
2021, the Main building of the main campus of SSAU

In 1932, the sheep breeding institute moved from Moscow to the building of the former diocesan school, later transformed into SSAU.

The building of the main building of SSAU is officially recognized as a historical and cultural monument of regional significance.



A protective commitment that confirms the historical and cultural value of the main building of SSAU







# Providing public access to buildings and / or monuments or landscapes of natural heritage of cultural significance



## Territory of the Main building of SSAU -

an open area for city, regional, federal and international projects, events, programs in the field of culture and sports, volunteering, dialogue between the authorities and the local community







# Providing public access to buildings and / or monuments or landscapes of natural heritage of cultural significance



Among the significant objects of the country's historical and cultural heritage there are buildings-objects of cultural heritage of regional significance. For example, on Mira street 345 in Stavropol there is a "House where general and historian I.D. Popko ". The historical monument was built in 1860. Today, this building houses the educational and laboratory building of SSAU, on the basis of which advanced training and professional training programs, as well as free education and retraining programs for people over 55 years old, are implemented.

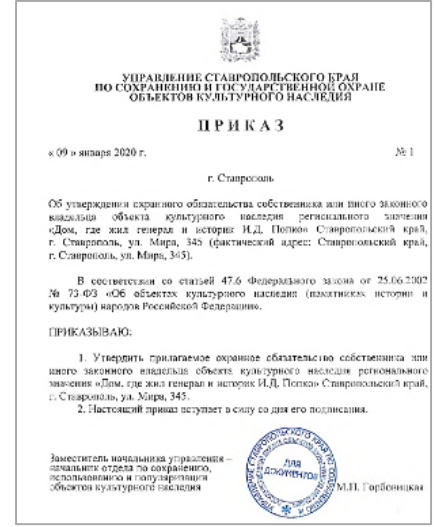


Ivan Diomidovich Popko was the best connoisseur and writer of Cossack history, his works were published and highly appreciated even at the St. Petersburg Academy of Sciences.



"The house where the general and historian lived I.D. Popko ", 2021

For a long time, the building was in a state requiring major overhaul; it housed a night restaurant and private grocery stores. SSAU managed to obtain the right to manage the "House where the general and historian I.D. Popko "and by 2019 the building was overhauled and an official security obligation was received for it as an object of cultural heritage of regional significance (Stavropol Territory).



## Protective obligation as an object of cultural heritage of regional significance







## Providing public access to buildings and / or monuments or landscapes of natural heritage of cultural significance



### **"Monument to Student Records-Book" on the territory adjacent to the main building of SSAU**

The young man, deeply immersed in the study of a textbook against the background of a huge record book, "sits" at the intersection of Lenin Street and Zootekhnicheskyy Lane, not far from the entrance to Stavropol State Agrarian University (SSAU).

The sculpture is 1 meter and 70 centimeters high and 3 meters wide. The author of the composition is Stavropol sculptor Vasily Chuikov, a member of the Union of Designers of Russia, laureate of the Governor's Prize in design.

Chuikov himself sincerely hopes that the monument will become a place of pilgrimage for students.

Indeed, not even an hour has passed since the opening, and the students have already come up with a new tradition - if you want to get a "pass" or "excellent" in the exam, be sure to touch the bronze record.







## Providing free public access to open green spaces of SSAU



In the very center of the city of Stavropol, at the intersection of Pushkin and Lenin streets along the perimeter of the educational buildings of SSAU, in March 2019, the grand opening of Student Avenue took place. The holiday was attended by the first persons of the city and the region. The grand opening of Student Prospect united the youth of the city of Stavropol - more than 2,000 people took part in a significant historical event.

The Governor of the Stavropol Territory, Vladimir Vladimirovich Vladimirov, addressed the young generation with a welcoming speech: "For about 20 years, the long-term construction at this place was surrounded by a fence. And only in 2019, through the joint efforts of the city authorities and SSAU, the territory around the educational buildings of SSAU was equipped as a wide pedestrian zone with benches, lighting and "green" areas - 38 decorative linden trees, which were bred specifically for the urban environment.

Mayor of the city of Stavropol, graduate of SSAU (1984) - Andrei Khasanovich Dzhatdov (03.09.1962 - 30.04.2020) recalled his student years, within the walls of the university, noted the development of SSAU: "The new Student Avenue will become a favorite place of communication for all students of the city of Stavropol the pearl of the urban environment".







## Examples of landscape designs of territories adjacent to SSAU

SSAU campuses are an integral space of educational, administrative buildings, student dormitories, sports complexes, outdoor sports grounds. The campus areas are open to the public.

The main campus of SSAU is located in the very center of the city of Stavropol, which for many years has been the leader of the All-Russian competition for the most comfortable urban (rural) settlement. SSAU, sharing the policy of improvement of the city of Stavropol, since 2015, has been the winner of the city competition "The best territory adjacent to an enterprise, institution".



Territory of SSAU campus No. 2 – faculties biotechnological and veterinary medicine



Territory of the main campus of SSAU No. 1



Adjacent to SSAU dormitories city alley leading to the underpass - landscaping is maintained by SSAU specialists



The territory of the SSAU campus No. 2 - the alley leading to the operating veterinary clinic of SSAU, serving the pets of the city residents



Adjacent to the main building of SSAU No. 1 city alley leading to the underpass - lawns created by SSAU specialists



Flower beds at the central entrance new 11-storey dormitory of SSAU, decorated by specialists



# Providing free public access to open green spaces of SSAU



In 2019 SSAU was included in the TOP-250 universities of the world (780 participants in total) and in the TOP-10 Russian universities (46 participants in total) GreenMetric World University Rankings.

## Overall Rankings 2019

Show  entries Search:

Rank	University	Country	Total Score	Setting & Infrastructure	Energy & Climate Change	Waste	Water	Transportation	Education & Research
201	Providence University	Chinese Taipei	6100	975	975	1200	575	1175	1200
202	University of Debrecen	Hungary	6100	600	775	1500	525	1400	1300
203	Universidad De Castilla La Mancha	Spain	6075	825	1375	1050	450	950	1425
204	Universidad Icesi	Colombia	6075	850	1225	975	575	1250	1200
205	Universita degli Studi di Bari Aldo Moro	Italy	6075	750	1125	1125	725	1200	1150
206	Escuela Superior Politécnica De Chimborazo	Ecuador	6075	925	875	1275	500	1225	1275
207	University of Isfahan	Iran	6075	1225	825	975	700	1300	1050
208	Sumy State University	Ukraine	6050	950	1450	750	600	1100	1200
209	Universidad de Manizales	Colombia	6050	925	1350	1350	400	1050	975
210	University of Maribor	Slovenia	6050	575	1275	1200	450	1150	1400
211	Universidad Iberoamericana Puebla	Mexico	6050	925	1175	1125	800	975	1050
212	Swedish University of Agricultural Sciences	Sweden	6050	875	1050	1125	350	925	1725
213	Universitas Multimedia Nusantara	Indonesia	6025	575	1500	1200	900	950	900
214	Tel Aviv University	Israel	6000	350	1550	1050	350	1175	1325
215	Stavropol State Agrarian University	Russia	6000	300	1450	1200	650	1200	1200
216	Al-Farabi Kazakh National University	Kazakhstan	6000	1050	1300	600	500	975	1575
217	Escuela Superior Politécnica del Litoral	Ecuador	6000	925	825	1275	650	1250	1075



## Ranking by Country 2019 - Russia

Show  entries Search:

Ranking	University	Country	Total Score	Setting and Infrastructure	Energy and Climate Change	Waste	Water	Transportation	Education
1	RUDN University	Russia	7800	1150	1375	1500	775	1650	1350
2	Perm National Research Polytechnic University	Russia	6550	925	1550	1050	500	1225	1300
3	Siberian Federal University	Russia	6175	975	1375	750	500	1225	1350
4	Stavropol State Agrarian University	Russia	6000	300	1450	1200	650	1200	1200
5	Voronezh State University	Russia	5950	650	1025	1275	500	1225	1275
6	Irkutsk State Agrarian University named after A.A. Ezhnevsky	Russia	5950	950	1000	675	525	1350	1450
7	Minin University	Russia	5600	750	1025	1275	450	1300	800
8	Orel State University named after I.S.Turgenev	Russia	5450	350	1175	750	725	1000	1250
9	Russian State Agrarian University - Moscow Timiryazev Agricultural Academy	Russia	3350	1250	325	675	550	1300	1250
10	Tomsk Polytechnic University	Russia	5250	925	1250	750	250	950	1125
11	Petrozavodsk State University	Russia	5125	925	1175	450	350	1150	1075
12	Perm State University	Russia	5125	675	900	1125	500	1175	750
13	Don State Technical University	Russia	5000	800	1050	750	225	1425	750
14	National University of Science and Technology Misis (Moscow Institute of Steel and Alloys)	Russia	4950	275	1100	675	475	1325	1100
15	Altai State University	Russia	4950	725	875	900	500	1050	900
16	Derzhavin Tambov State University	Russia	4875	575	925	525	200	1350	1300





# Providing free public access to open green spaces of SSAU

## Improvement of the streets of the city of Stavropol and the territories adjacent to the city



Territory of Kindergarten  
"Zhuravushka" next to campus number 1



Old objects of the city of Stavropol



The adjacent territory to the campus of SSAU  
number 2 park zones



Territory of multi-apartment 9-storey houses located  
near dormitories of SSAU campus number 1



Territory of private households,  
located near the campus of SSAU number 2





## Priority of pedestrian access in SSAU campuses

The facilities of each of the 2 SSAU campuses - educational buildings, laboratories, utility rooms, dormitories, sports facilities are located within walking distance inside the SSAU territory.

But since each campus occupies one or two blocks in the city, and some facilities are located on opposite sides of city highways, SSAU pays special attention to the presence of pedestrian zones that ensure safe movement in the urban areas adjacent to the university not only for its employees and students, but and for city dwellers. Therefore, all objects of SSAU campuses can be reached via pedestrian crossings and an underground passage.



Underground passage from educational buildings of the main campus to 3 dormitories of SSAU

Pedestrian crossings leading to the educational buildings of the main campus and to the 11-storey dormitory of SSAU

Pedestrian crossings leading to the educational buildings of the main campus and to the 11-storey dormitory of SSAU





## Priority of pedestrian access in SSAU campuses

SSAU campus facilities are located in the very center of the city of Stavropol and in the center of one from the sleeping areas of the city of Stavropol, therefore SSAU took on voluntary responsibility for the improvement, lighting and landscaping of the urban areas adjacent to the buildings and dormitories of the campus.

SSAU, with the support of the Stavropol city administration, overhauled the underground passage through which students and residents of the city can safely go both to SSAU campus facilities and to other city objects - the perinatal center of the Stavropol Territory, an old church, kindergartens for children aged 3 to 7 years.

SSAU ensures the cleanliness of the underpass, and in winter - a safe anti-slip coating of the steps of the transition.



Underpass, 2000 - 2017



Underpass, 2019





## Bicycle parking on the campuses of SSAU

Walking is a priority way to move around the campuses of SSAU. Free entry and exit of cars is prohibited on the territory of SSAU. The territory of the campuses is equipped with bicycle parking.







## Provision of affordable housing for students (dormitories)



SSAU has 5 hostels for students. Places in the Campus are provided: nonresident and foreign students and postgraduates students of advanced training and professional retraining programs guests of SSAU for the period of their participation in the implementation of joint projects. Places in the dormitories of the Campus allocated to nonresident family students are determined by a joint decision of the SSAU administration and the student trade union based on the available housing stock.

To represent the interests of students in each hostel, there is a collegial public body of self-government - the student council of the hostel.

Student rooms correspond to the standards of equipment of student dormitories, are equipped with everything necessary for living - furniture and other equipment.

Equipped places for self-study, equipped with Internet access; a library, gyms and sports halls, conditions for the work of creative studios have been created.

The sports rooms of the hostels are equipped with exercise bikes, power trainers, wall bars, and punching bags.

On the territory of student dormitories there is a workout area, a universal sports ground with three play areas for volleyball, streetball and badminton.







## Providing affordable housing for employees

### An apartment building built for university staff



In 2005, a plot of land was allocated from federal land for SSAU for the construction of a multi-storey residential complex on Lenin Street, 482/1 with an area of 6301 m<sup>2</sup> with the transfer of the house to the permanent use of SSAU.

The construction of a multi-storey residential building was entrusted to the housing construction cooperative "Agrariy", which consists of SSAU employees - the future owners of apartments.

When designing the house, the requirements for compliance with environmental protection requirements were taken into account as much as possible, as well as for creating maximum convenience and comfort for apartment owners - the presence of a closed courtyard, a recreation area for adults and children, access roads, a parking area for personal vehicles, etc.

In November 2008, the house for employees was put into operation, and in the period 2009-2019. 223 employees with their families moved into the house. Until 2008, SSAU did not have its own house providing housing for its employees.





## Providing free access for the population to open spaces of SSAU



СТАВРОПОЛЬСКИЙ  
ГОСУДАРСТВЕННЫЙ  
АГРАРНЫЙ  
УНИВЕРСИТЕТ

**On October 19, 2019, on the basis of the new educational building of SSAU, the official opening of the collective work space "Boiling points of SSAU" took place.**



The boiling point is a project of the Agency for Strategic Initiatives (ASI), which was launched in 2014 in Moscow.

In 2019, within the framework of the federal project, 82 "Boiling Points" were opened, of which 54 were created on the basis of universities. In 2019, the "Boiling Point of SSAU" was the only space for collective work opened on the basis of an agricultural university (there are 54 agricultural universities in Russia) as part of a project of the Agency for Strategic Initiatives.

Each of the Boiling Points has its own agenda and reflects the specifics of the region. "Boiling point of SSAU" is focused on the agricultural sector of the economy. The key areas are the promising markets of FoodNet (all segments), TechNet (competence in rapid 3D prototyping), EnergyNet (alternative energy for agriculture) and EduNet (educational technologies in the agricultural education system). "







# Providing free access for the population to open spaces of SSAU



СТАВРОПОЛЬСКИЙ  
ГОСУДАРСТВЕННЫЙ  
АГРАРНЫЙ  
УНИВЕРСИТЕТ

**Mission "Boiling points" - rebranding of agriculture in the Stavropol Territory through improvement training systems for the future**

The number of events within the Boiling Point - more than 250

The number of event participants - more than 6,000 people



## Participants

- Students and schoolchildren
- Young Scientists
- University teachers and staff
- Representatives of business, public organizations and authorities
- Volunteers



## Event formats

- FORESIGHT
- MEETINGS OF THE WORKING GROUPS
- STRATEGIC SESSIONS
- BRIEFING
- HAKATON
- BUSINESS ACCELERATOR TRAINING
- PRESS CONFERENCES





## Providing free access for the population to open spaces of SSAU



Center for youth innovative creativity Fab Lab "VECTOR" on the basis of SSAU - the first in Russia \* (\* - at the time of creation in 2017), accredited according to WorldSkills Russia standards, the national center for the competence "Prototyping" – conducts intensives, master classes, training for schoolchildren, students on a free basis



**Samoilov Eduard - the winner of the World Championship  
Worldskills KAZAN 2019**



**National and Industry Championship Finals Winners  
WorldSkills Russia 2016-2018 rr.**



**Zavyalik Fedor**



**Korolevsky Maxim**



**Visilev Dmitry**





# Providing public access to libraries, including books and publications



## Library as a center for scientific communication and accessible education

Total area— 2,3 тыс. м<sup>2</sup>

Reading room— 568,6 м<sup>2</sup>

Storage facility – 700 м<sup>2</sup>

User space – 1,6 тыс. м<sup>2</sup>

Auxiliary storage – 186,6 м<sup>2</sup>

- Center for Bibliographic and Scientometric Information
- Educational support center
- Scientific library media center
- Reading room for researchers
- Reading room for visitors and library guests



# WI-FI ZONE







# Providing public access to libraries, including books and publications



## Construction of new buildings in accordance with environmental standards



**New academic building**

- Total area – 26 745,8 m<sup>2</sup>
- Teaching and laboratory area – 20 317 m<sup>2</sup>
- Auditorium capacity – 800 pl.
- Library area – 3 900 m<sup>2</sup> (720 pl.)
- Auditorium fund (63 rooms)
- Number of training places - 2542 pcs
- Number of workplaces - 353 pcs



**Conference hall**



**Lecture hall-transformer "AtriUm"**



**Library co-working center**



**Lecture auditorium**





## The History Museum of SSAU



The History Museum of Stavropol State Agrarian University has more than 45 years of history.

The museum is the keeper of history, the memory of the university. Here you can get acquainted with the cultural and historical heritage of the university entrants, students, and its guests. Employees come here to share interesting material or, on the contrary, to get the information they need. After all, the history of SSAU is not only the history of buildings, classrooms, educational buildings, it is, first of all, the history of the formation of the teaching staff, the development of scientific schools.

That is why the Museum of the History of the University is a unique place for storing the rich history of SSAU and its traditions, a place for students to familiarize themselves with this priceless heritage.

Currently, there are 30 exhibition showcases in the museum hall, where more than 5 thousand exhibits are presented.



The Museum of History is implementing the Open Museum project, within the framework of which the residents of the city of Stavropol and its guests can plunge into the history of the development of SSAU and the agro-industrial complex of the Stavropol Territory.

More than 2,500 people visit the Museum of History annually.





# Implementation of projects for the preservation of intangible cultural heritage such as local folklore, traditions, language and knowledge



## The interethnic council of SSAU unites representatives of 8 diasporas

Karachay-Balkarian diaspora  
Adygo-Abaza diaspora



Dagestan diaspora  
Armenian diaspora



Vainakh diaspora  
Greek diaspora



Azerbaijani diaspora  
Turkmen diaspora



### Key areas of work of the Interethnic Council

strengthening friendly ties and interaction with national cultural centers of the region to maintain interethnic peace and interreligious harmony in the Stavropol Territory and the North Caucasian Federal District; implementation of cultural, educational programs and public initiatives that ensure the preservation and development of traditional culture, education and a distinctive way of life of representatives of ethnic groups studying at SSAU





# Implementation of projects for the preservation of intangible cultural heritage such as local folklore, traditions, language and knowledge

SSAU - coordination center, headquarters for 2019

## II International Festival "Student Spring of the BRICS and SCO Countries"



Governor of the Stavropol Territory at a meeting with the rector of SSAU in the dormitory of SSAU, where was the headquarters of the festival



Fragment of the opening of the festival – SSAU students and school students with the symbol of Stavropol - an elephant



SSAU students -participants in theatrical performances in the closing program of the festival

SSAU hosted on its site the Forum of Young Leaders of the II International Festival "Student Spring of the BRICS and SCO Countries".

**800 students of SSAU were involved in organizing and conducting the Festival.**

**In total, 2,500 people from 23 countries took part in the Festival:** Russia, Brazil, South Africa, Kazakhstan, China, Kyrgyzstan, Tajikistan, Uzbekistan, Afghanistan, Azerbaijan, Armenia, Cambodia, Nepal, India, Iran, Pakistan, Mongolia, Belarus, Turkey, Sri Lanka, as well as Austria, Vietnam and Georgia