

SUSTAINABILTY REPORT

2023



Samarkand State University named after Sharof Rashidov
Transformation Office

SUSTAINABLE DEVELOPMENT REPORT

2023



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Acknowledgement

The Sharof Rashidov-named Samarkand State University expressed gratitude to the original owners of the unceded land that serves as our place of residence, work, and education. It was founded as Mirzo Ulughbek on September 21, 1420. We pay our gratitude to all our ancestors for establishing a vision for the future of our society. The university also recognizes the role played by modern stakeholders and forefathers who provided unmatched support, transforming it into a cutting-edge, modern institution.

We extend our sincere gratitude to all Uzbekistan people for endorsing their enduring culture and continuously growing society. The Samarkand was the ancient route of trade and cultural exchange. The imprints of diversity are still intact in a much more acceptable form.

We pay our sincere respect to our elders past, present, and future, and acknowledge the importance of indigenous knowledge in the university. In addition, the current community of researchers, teachers, professional staff, and other stakeholders learn every day with indigenous colleagues and partners.

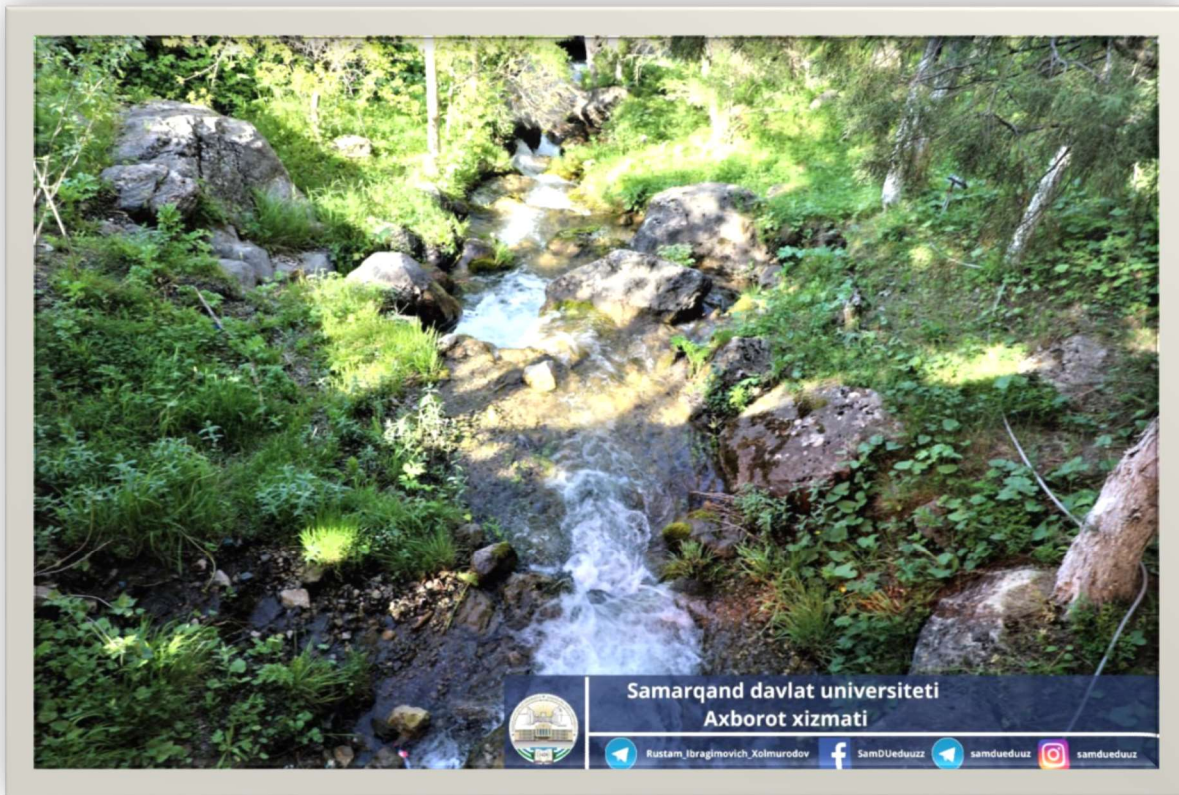


Message from Rector

In 2022, we established a group of high-ranked academicians to implement the Sustainability Plan 2025. This plan was aimed at achieving the university's sustainability objectives over the coming years. Samarkand State University is committed to fulfilling its social, academic, research, and cultural responsibilities to the world community. The plan is ambitious and strategic in equal measure, exhibiting the university's core values towards sustainability and its significance to society.

We are continuously running towards net zero emissions by adopting innovative and practical solutions. For example, the University is investing a large amount of money to install solar systems to supply the energy needs of the university. Our researchers are also working on innovative sustainability research and academicians are teaching sustainability courses to raise awareness among students as well as communities.

I would like to greet all stakeholders of Samarkand State University for their consistent efforts to achieve the United Nations Sustainable Development Goals (UN-SDGs).



2023: A Glimpse



Action



Augmenting Action

Our strategy is to integrate the knowledge mobilization and operating domains together that augments their contribution, which means leveraging collaborations between the university's activities and embedding innovation and learning into how we operate and engage.

1. Climate Leadership
2. Campus as Living Lab
3. Sustainable Learners and Practitioners



Integrating Knowledge

To stimulate action and solutions for sustainable practices, we inspire our teachers, students, and staff for developing a deep disciplinary and interdisciplinary approach on sustainability. For this purpose, we collaborate with communities, government, industry, and other institutional partners to work together for practical solutions and reciprocal learning.



Walking the Talk

The university is determined to model the commitment and actions mandatory to effect meaningful change by 2025. We are also committed to promoting the health of the ecosystem and preventing harm to the natural environment.



INTRODUCTION

Samarkand State University prepared its second sustainability report in December 2023. This report contains our ambitions, collaborative approaches to spearheading sustainability, and creating some success stories for our upcoming generations that how our community mobilized for sustainability action in 2023. As University implement the sustainability plan over the coming year, it will track the progress of each step toward achieving each of the target set out in the plan.

Sustainability is considered as integral part of our lives. Therefore, we aim to provide our community with clear, honest, and transparent information on the university's sustainability performance. The report is prepared by reporting the United Nations principles and draws upon the draft standards on sustainability-related financial disclosures and climate-related disclosures by the university. We continue our efforts to develop our strategy to ensure that future reports are prepared accurately toward sustainability targets.

OUR SUSTAINABILITY PLAN

was launched in 2022, providing a road map for 2025 discusses our climate leadership, and embedding sustainability in our every activity. The plan describes the university's commitment to sustainability, core purposes, and commitment to our people, our partners, and our place. We are determined to deliver our commitments to the university's sustainability charter and convince it to adopt a sustainable path toward achieving the primary goals set out in the university's strategy.

We are working on our sustainability targets for many years. However, we have calibrated our targets with the launched Sustainability Plan 2025 and heading towards our targets. In the coming years, the university will establish on these foundations, exploring opportunities to embed sustainability in all processes including academics, research, procurement, and businesses.

Sustainable Development Goals

Samarkand State University named after Sharof Rashidov is strongly aimed to implement the United Nations Sustainable Development Goals as a global framework, designed to speed up sustainability by 2030. It's encouraging cumulative efforts by governments, corporations, civil societies, and communities toward a more sustainable future. We are currently properly implementing SDGs and exploring our impact concerning the sustainable development goals to understand the intensity of efforts toward the global goals. We are continuously working on reporting in a better and more reliable way to the world community about our efforts.

Report Scope

Our sustainability report is the reflection of our deep and consistent efforts to the sustainable development goals.

Samarkand State University has an existing reporting framework for environmental, social, and governance, and the majority of the activities are closely associated with sustainable development goals. It covers a broad scope of social, financial, and environmental aspects including diversity, gender equality, health & well-being, employee rights, and safety.

This report contains environmental sustainability.

Sustainability Action Plan 2023



- Diversity and Inclusion Plan 2030
- Disability Inclusion Action Plan 2022- 2025
- Indigenous Strategy 2022- 2025
- Students Development Plan 2022- 2025
- Research Strategy 2018- 2026
- Sustainable Procurement Framework 2022- 2025



OUR FUNCTIONAL ENVIRONMENT

International Climate and Biodiversity Action

Researchers at Samarkand State University constantly carry out top-notch research to prevent climate change and lessen its effects on nations and their economies.

In 2022, our top faculties accomplished ground-breaking work in rehabilitating water bodies, improving irrigation techniques, and expanding tree planting. The Republic of Uzbekistan is undoubtedly a developing nation that is suffering from severe desertification, posing a serious threat to the ecosystem and ensuring food security.

The university is leading several biodiversity programs, establishing us as leaders worldwide in the fight to protect flora and fauna.



Climate Risks and Our Response

Climate change has raised the risk of desertification, soil degradation, soil salinity, water resource contamination, and water resource depletion, which impacts both the university's stakeholders and residents as well as the entire nation.

The operations, resources, and infrastructure of our campuses, as well as the security of the university community, are increasingly threatened by these vulnerabilities.

To make sure we are ready and safe, we are taking several actions. Through its youth organizations, the university takes a proactive approach to tackling climate challenges and raising public awareness.

Since 2022, we have surveyed university students, teachers, and other staff members to assess the work that has been done thus far. Priority areas have been put forward as action and satisfaction with initiatives in place.

1. Reducing the University's carbon footprint.
2. Improving waste reduction and management practices.
3. Incorporating ethical purchase policies.
4. Spreading Awareness
5. Using the University's campus as the live play of sustainability practices.

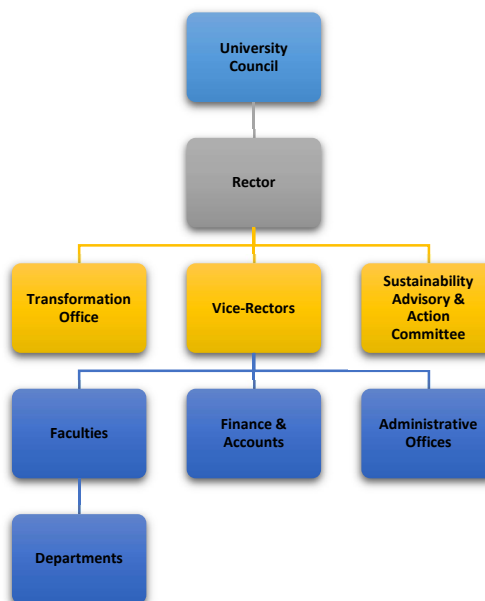


SUSTAINABILITY GOVERNANCE

Our approach is implemented in a coordinated manner thanks to the governance framework for sustainability at the University, which also serves as an accountability system and keeps us moving in the right direction.

Sustainability Advisory & Action Committee (SAAC)

The university's sustainability strategy is being guided and put into action by the Sustainability Advisory & Action Committee (SAAC), which was established in 2022.



The rector, vice-rectors, senior professors, deans, researchers, and professional personnel make up this committee. This committee monitored the work completed every quarter and noted recommendations for future efforts to reduce carbon emissions, as well as sustainable practices and results. Such a framework has been in place at Samarkand State University for a long time to monitor green spaces, water resources, and vegetation control for better environmental conditions. Following the Sustainability Plan 2025, they make the appropriate suggestions to the Vice-Rector for Construction and Renovations for implementation in the near future.

Currently, the sustainability action committee (SAC) is working on managing, assessing, and implementing prescribed strategies to enhance sustainable practices in different ways at the university. Their work is not limited to the faculties and departments but also to the local outreach plans and organizing activities.

SUSTAINABILITY GOVERNANCE

Sustainability Across the University

The Sharof Rashidov-named Samarkand State University has made a long-term commitment to acting sustainably.

- Specific sustainability courses were added to the curriculum of numerous faculties' undergraduate and graduate programs in 2022. For instance, the curriculum for a chemistry undergraduate degree includes a course on green energy.
- For a decade, faculty members of the Biology faculty have been continuously evaluating the climate factors that contribute to the extinction of various species of flora and fauna and publishing their research in top-rated journals.
- For creating sustainable structures and planning at various levels to infuse sustainability across the institution, the vice-rector role of construction and renovations was renegotiated. Further, the sustainability policy is being implemented in the current construction activities and it reflects in the form of energy-efficient buildings.
- Samarkand State University has begun changing its current curriculum and syllabuses to include sustainability courses in order to fully implement sustainability and to integrate it in society.

Target and Metrics

Our guiding principles, pledges, and goals are contained in the Sustainable Plan 2030. It does not, however, provide a comprehensive list of steps to do to reach our goals and desires. Setting concrete goals for sustainability at the time a plan is unveiled runs the risk of passing up chances to increase ambition in response to new trends and technology. The 2023 Sustainability Annual Report, which will be released in March 2024, will include a detailed description of the targets, and work is currently being done to identify the most appropriate indicators to report progress against each of them. In this regard, the SP2030 framework encourages transparency and rigorous reporting while enabling increased adaptability to new ideas, initiatives, and innovation throughout its delivery.



OUR IMPACT



Multi-Faceted Buildings

The renovation and construction department at Samarkand State University renovated and built more than 3 buildings in 2022, all of which were specifically planned to meet sustainability objectives. The university's sustainability team actively participates in more effective and efficient sustainable building design as well as campus landscape design. In this manner, sustainability activities are incorporated into site building, architectural and landscape design, and refurbishment.

Creativity and Community Forum

The university has a strong tradition of creativity that permeates every aspect of campus life. To adopt sustainable practices at the university, the institution and its administrators have built a debate ecosystem that fosters diverse dialogue, takes into account perspectives, and offers more sustainable alternatives. These individuals work to raise awareness among city dwellers.

Sustainability- hope for Earth

Numerous sustainable courses have been introduced by the universities' faculties of geography and ecology, biology, and chemistry. The topic encourages critical analysis of both the systems that advance sustainability and the ones that support unsustainable practices. A sense of "active hope" can be developed via both individual and group action as academics and students examine the realities of escalating environmental and social problems, noting the emotional pain that many experience in the face of these challenges.

A Living Laboratory

Samarkand is a beautiful tourist destination. Millions of people live in this city and millions of visitors come from all over the world. As a result, city officials are more attentive to the local landscape management. To demonstrate the seriousness of our commitment to sustainable practices and to showcase results to the community of learners and leaders, Samarkand State University also offers new means of showing a mosaic of lovely landscapes as well as rehabilitating heritage buildings. Our living campus offers first-hand exposure to environmentally friendly designs, and landscapes.

Energy Expenditure and Carbon Emissions

Climate change action must be taken during this decade. If we act now to stop climate change and build a more developed world that is sustainable. We must efficiently mobilize our communities and resources to accelerate this process. To accelerate the process, the institution must integrate its sustainability initiatives throughout campus operations, research, teaching and learning, and interaction with partners. We have committed to enhancing our group's sustainability impact and exhibiting leadership in climate action. We are encouraging staff and student collaboration through our living laboratories to co-create solutions and opportunities for experiential learning that connect with the social, environmental, and economic components of sustainability. We are helping the university community to improve its practices and knowledge of sustainability. By combining these activities, we can increase our overall impact.

Table shows the consumption of different types of energy and temporal variation at Samarkand state university.

Energy consumption by Source at Samarkand State University named after Sharof Rashidov									
Months	2021			2022			2023		
	Electricity (Kwh)	Natural Gas (Cubic M)	Solar (Kwh)	Electricity (Kwh)	Natural Gas (Cubic M)	Solar (Kwh)	Electricity (Kwh)	Natural Gas (Cubic M)	Solar (Kwh)
January	205622	151515		155500	296968	3005	150500	259696	3505
February	205622	151515		155500	296968	3106	151500	262727	3606
March	255422	90910		155555	96969	3207	145555	111213	3707
April	146815	115453		177000	0	3309	157000	85454	3909
May	146740	32120		177000	0	4406	157000	45534	5406
June	146665	32120		109000	0	5508	106000	40000	6508
July	146665	30302		109000	0	6610	106000	36458	7620
August	146665	30302		109000	0	8754	109000	32035	8894
September	146665	35795		182972	0	8909	162972	34459	9609
October	146665	104643		160000	374804	6201	150000	96450	5601
November	146665	104643	3804	92444	238995	5808	62444	98990	5106
December	123345	102678	2904	22755	49999	4203	24755	96277	3803
Total	1833556	981996	6708	1705726	1 354 703	63031	1482726	1199293	67274
Tco2	416.92	179.86	0.0	340.94	248.12	0.0	337.21	219.65	0.0

Samarkand State University publishes its direct and indirect carbon emissions by publishing a sustainability report in the form of energy consumption by source from 2021 to 2023. The sustainability action committee (SAC) along with other stakeholders consistently focuses on the reduction of energy usage as well as on renewal sources to supply the needs.

Temporal Change in Energy Scenario

Electrical Energy:

Since 2019, the University has been focused on consistent reduction in electricity usage for increasing energy demand. University purchased 19 Gwh in 2021 while it was reduced by 3 Gwh by using more natural gas. Natural gas produces less carbon compared to hydro-electricity. Further, the university took action to harness natural renewable energy by installing solar capacities by 2021. After implementing a considerable size of solar energy systems, the electricity demand is further reduced and this reduction is consistent in manner.

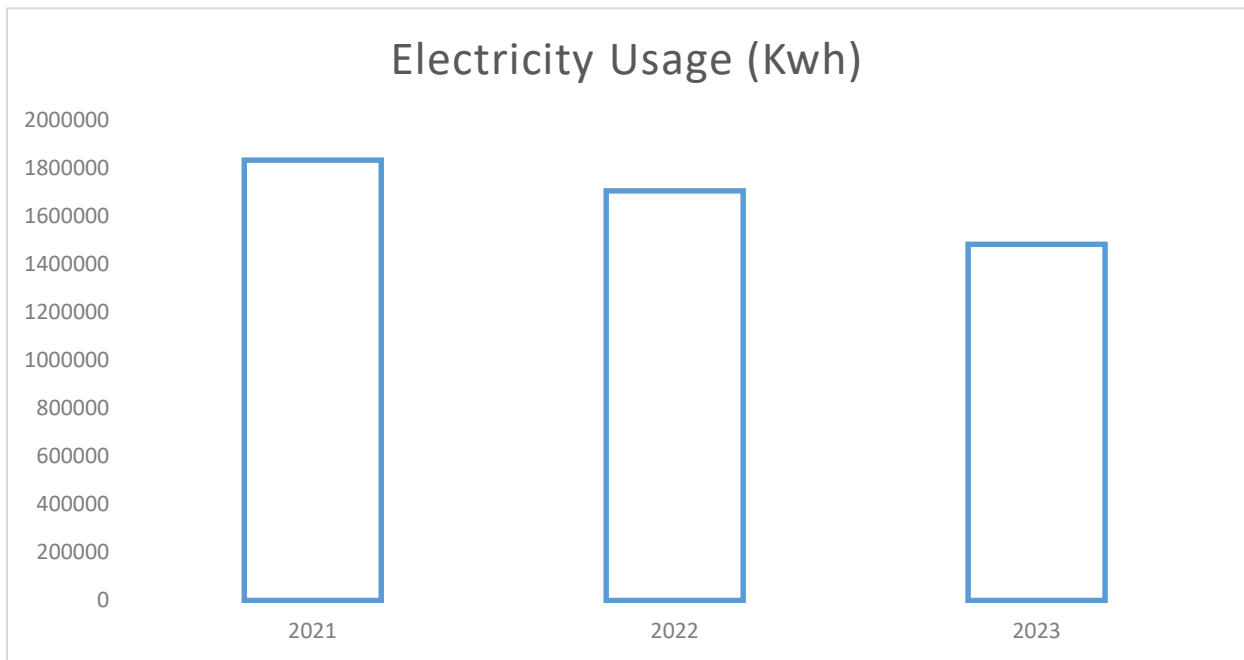


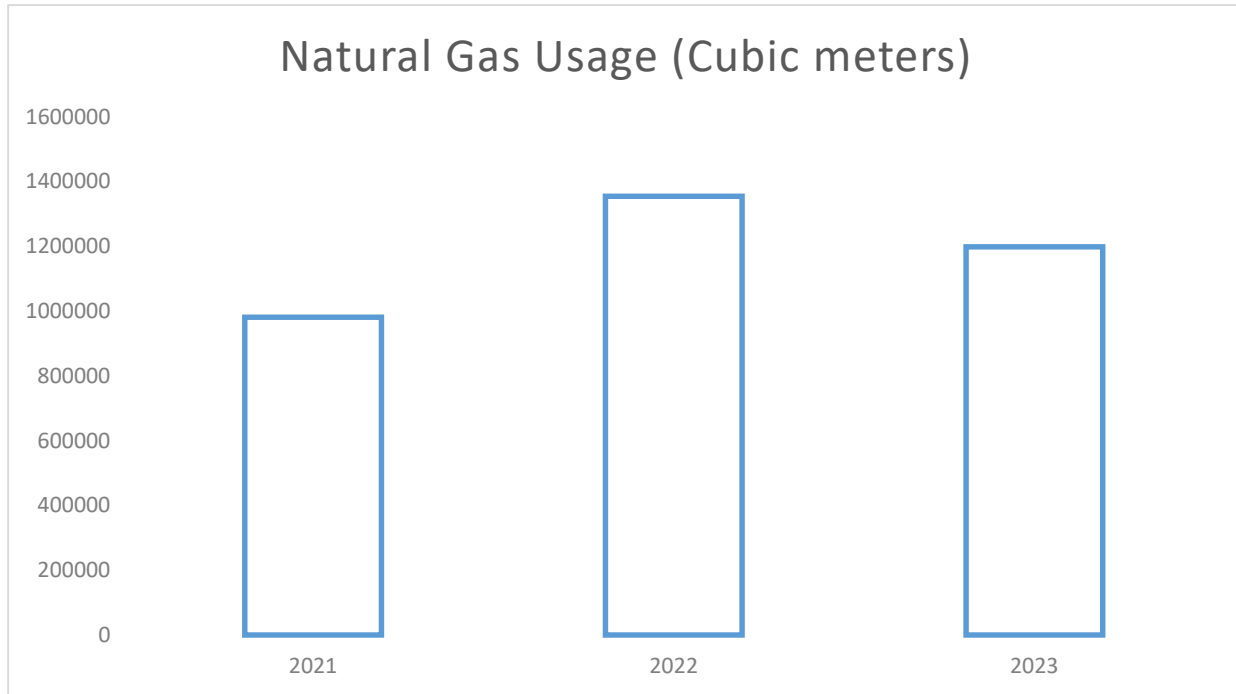
Figure 01 shows the electricity distribution in years

The graph shows clearly that electrical energy consumption is increasing consistently at the university. It reflects our actions to combat climate change by adopting modern and efficient measures.

Natural Gas:

We understand our responsibilities toward climate change and its severe impacts on different variables of the ecosystem. Therefore, we recommend to use natural gas for energy production to

supply our demand. Natural gas produces quite less carbon in comparison to electricity. Samarkand State University's sustainability proactively acts on reducing the use of even natural gas by providing an alternative energy source. However, we use more natural gas due to the low proportion of solar energy.



The natural gas usage statistics shows that the university proactively work on environmental friendly energy sources. For example, population and use of energy has increased with passage of time. In order to supply the demand, university has slightly increased the use of natural gas instead of electricity for minimizing the carbon emission.

Solar Energy:

Solar is considered the ideal energy to combat the negative implications on the environment. The republic of Uzbekistan experiences high temperatures for almost 6-8 months where solar energy can be produced in a significant amount to significantly reduce the carbon emission as well as use of electrical and gas energy. Samarkand city is located in the heart of Uzbekistan and experiences a valley climate. Therefore, solar potential is considerable in amount to solve the increasing energy demand by implementing a renewable energy action plan. University has planned to establish a renewable energy ecosystem to reduce and minimize the use of potential energy sources, and produce carbon.

Further, solar energy usage has increased since 2021 in a considerable amount. It was very low in 2021 due to first-ever implementation of climate action plan 2030. However, it is increasing on a slightly rapid rate.

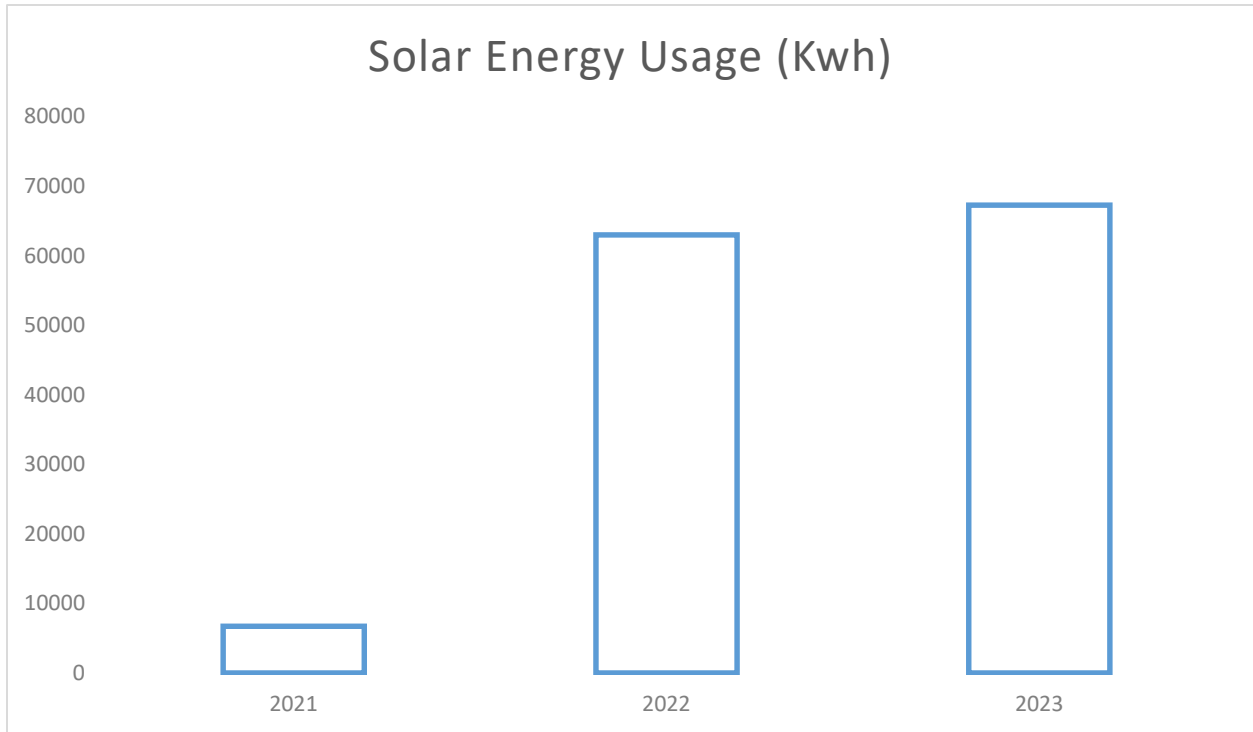


Figure shows the solar energy production at the university by installing the rooftop solar systems.

Comparison:

The university utilized a huge amount of energy to run their hostels, administrative blocks, labs, and provide light in the classroom etc. According to the current, the majority of energy comes from non-renewable sources. However, the university's energy pattern has changed in last two years by adopting a new policy to exploit natural and renewable energy sources to supply the demand.

Another way, the university promotes the awareness program across the faculties, hostels, and administrative blocks to prevent the misuse energy. For this purpose, different clubs, youth organizations, and other stakeholders conduct different events for sustainable development and use of energy.

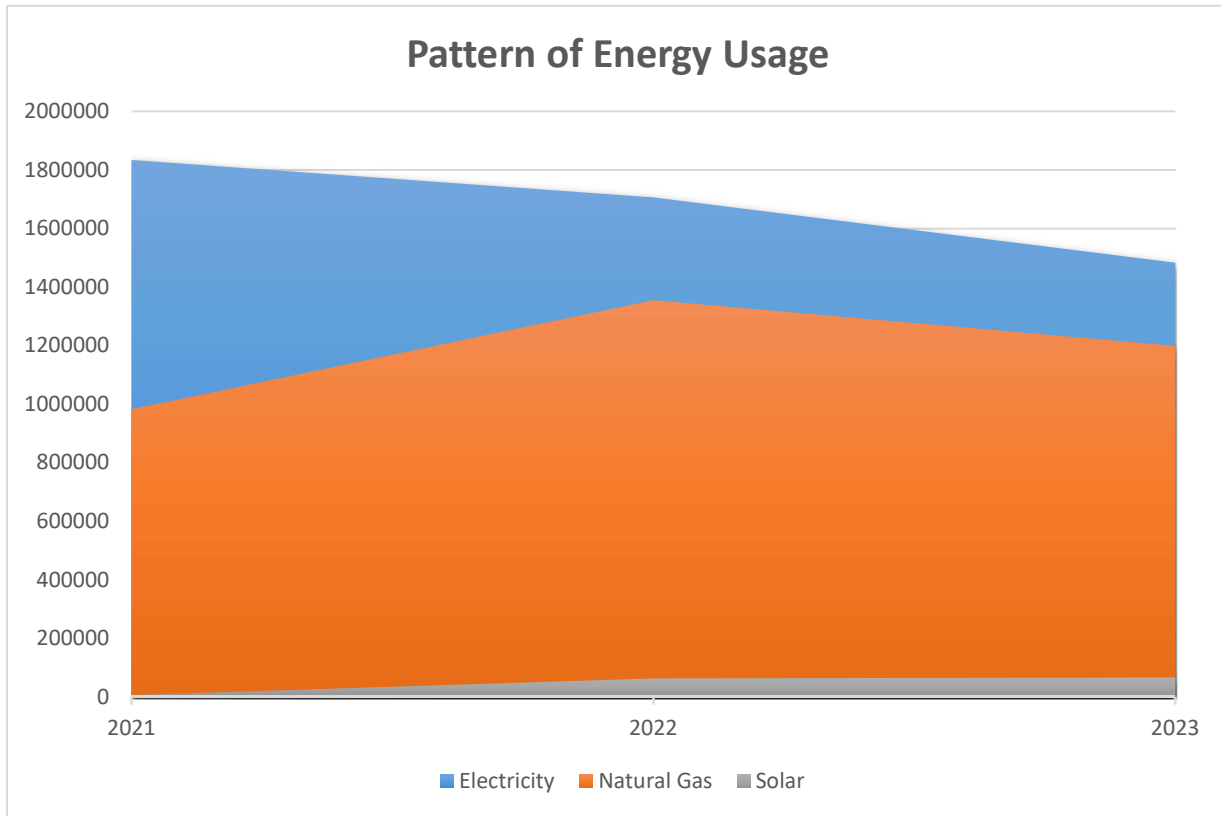


Figure shows the energy usage spectrum at Samarkand State University from 2021 to 2023.

Living Campus

In 2022, the Sustainability Plan 2030 will serve as the main point of focus for all directing, instructive, and educational efforts. To give students real-world experience and insight into how the institution responds to sustainability concerns, professionals were also invited, guest lectures were scheduled, and internships were organized. Numerous faculties introduced sustainability courses, and many students received additional assistance in finishing projects connected to sustainability.

Examples include:

- Providing Bachelor/ Master of Biology students with an overview of the university's biodiversity.
- Providing Bachelor/ Master of Geography and Ecology students with an overview of environmental and ecological diversity.
- Offering internships focused on biodiversity, transport, energy, and asset management.
- Planning and development of innovative sustainable methods for problems related to water, energy, food, climate, and construction technology.

- Staff and students have installed sensors for collecting different information and further analyzing this information for better decision-making.



Society of Learners and Practitioners

Our faculties, staff, and professionals are collaborating across the university to determine how the faculties and individuals can support the institution's sustainability goals. For this purpose, the university organizes multiple events every year.

In 2023:

1. The international workshop was conducted at Samarkand State University, organized in partnership with the UN CORDEX program. CORDEX is a project organized by the World Climate Organization to address the climate challenges at the regional, national, and local levels. In this workshop, a regional climate model was discussed to incorporate local climate challenges in the CMIP 6 Model. During this workshop, experts from foreign countries were involved in training the university professors and students to bridge the gap between regional and local climate phenomena.



- An international conference was organized by the Samarkand State University on “Construction and Operation of Greenhouses” to preserve biodiversity and provide a living laboratory for producing valuable insights about the needs and future climate for particular plants and their species. During this conference, Prof. Muhtor Nasirov and Prof. Askar Khasanov (Leading Biologists) have forwarded his ideas to understand the climate change impact on flora by establishing living laboratories in the framework of sustainability action policy of the university.



- An action team was formed to restore the botanical garden (owned by the university) in the framework of modern climatological aspects by adopting modern technologies and methods. In this discussion, Samarkand State University’s Professors and Russian experts have designed a plan to prepare a feasible action plan to display the botanical garden as an example of sustainability. The botanical garden occupies 36 hectares of land. There are more than 6000 trees including fruit and flowers. This garden is mainly used for field work, research and academic training.



4. Samarkand State University launched a big sustainability initiative “Green Places”. This is the program to plant more and more trees across the Samarkand not only at the university but also at nearby places. During this event, professors, teachers and students of Samarkand State University planted 1,500 fruit trees on 5 hectares of land in the remote Koshrabad district and 5,000 fruit trees on 12 hectares of land in the Nurabad district. Today, in continuation of this program, more than 2,500 fruit and ornamental trees have been planted on 1.02 hectares of land on the territory of the Institute of Agrobiotechnologies and Food Security of SamSU, located in the Dzhambay district. These gardens, organized on the initiative of the rector of Samarkand State University, scientist of the Republic of Uzbekistan, member of the Senate of the Oliy Majlis Rustam Khalmurodov, are based on science and aimed at developing environmental literacy among the population and awakening a sense of care for nature.

Mobilizing Knowledge for Action

Academics and teaching staff are actively investigating the best ways to integrate sustainability into the curriculum based on the theories and methods of each field. Some examples include the following:

- Faculty of Geography and Ecology offered more than 50 sustainability-oriented courses in their curriculum at the bachelor level and 10 courses at the master level. The faculty of Geography and Ecology consists of 5 departments i.e., Physical Geography; Social & Economic Geography; Hydrometeorology; Geology and Remote Sensing and GIS Applications.
- Faculty of Mathematics offered more than 10 sustainability courses in their curriculum at the bachelor and master levels.
- Institute of Engineering Physics offered more than 5 courses, attributed to sustainability. It means the engineering institute added some level of exposure to sustainability content in their curriculum.
- Faculty of Chemistry introduced more than 50 sustainability-related courses in three directions of the bachelor's degree program.
- Faculty of Biology offered more than 100 sustainability courses in three directions where bachelor's degrees are available.
- Several new subjects and courses with sustainability as a focus or strong component launched in 2022 including today's science, and tomorrow's world, subjects for all first-year bachelor of science students.
- The Institute of Economics offers sustainable commerce subjects for all first-year students in the bachelor of commerce.

Further to impregnate sustainability, the university conducts an ample number of events attributed to sustainability practices at the university and also promotes sustainability to local inhabitants to make it impactful.

Samarkand State University also offers outreach programs to provide a piece of scientific and sustainable information to local farmers. In order to do that the Agro-biotechnology provided on-site field training to local people and students to utilize scientific input in their activities. During

this event, the scientist demonstrated the necessary aspects of growing, sowing, planting seeds in the ground, and others for better crop management to avoid further deterioration of the climate. This on-site workshop was organized on the farms of the Tailyak region.



Indigenous Knowledge

Before inception of the modern science, people were using their indigenous knowledge to utilize the resources sustainably without harming the ecosystem of resources. This can include local knowledge, folk knowledge, people’s knowledge, traditional wisdom, and traditional science. Further, this knowledge is passed from one generation to another generation, usually by words of mouth and cultural rituals, and has been the basis for agriculture, food preparation, health care, education, conservation and the wide range of other activities that sustain societies in many parts of the world.

Samarkand State University recognizes and respects indigenous knowledge for creating a sustainable society across the university as well as its surroundings. The university and its different faculties and departments celebrate Navruz Day every year with utmost dedication and continuity for a long time. On this day, people display different indigenous skills and expertise, and how they are sustainably working with their surroundings.

For many decades, Samarkand State University has entered indigenous knowledge into its curriculum. For example, University and its departments proactively work with the local community in preparing, disseminating, and enriching local culture, traditions, and sustainable practices across the world in the form of exhibitions on the university premises and surroundings. Through these programs, teachers are supported to integrate Uzbek culture and knowledge into the subject curriculum, including the relationship between indigenous knowledge and modern technological innovations. Different faculties of the university provide strong support for flourishing indigenous methods of creating a sustainable environment in all spheres including architecture, resource management and utilization, women empowerment, cultural enrichment, and others. The University led the formation of the indigenous knowledge network with Central Asian and neighboring countries' universities and academic fraternities for exploring indigenous knowledge in the welfare of society. We are also making alliances with international sustainability



groups of academic and research fraternities for combating climate change and enhancing sustainability practices.

Engagement and Partnerships

Samarkand State University has formalized many partnerships with the authorities of Samarkand City to deliver impactful, innovative solutions for sustainability outcomes. The partnership has already made considerable progress in a range of areas, including climate, renewable energy, mapping biodiversity, agriculture, biology, engineering, the indigenization of Samarkand, and urban recovery and resilience.



In 2023, an Inno-Week was organized at Samarkand to provide innovative solutions for complex environmental and other problems. In this Inno-Week, many organizations participated to showcase their innovative ideas and products. University professors and researchers also installed and displayed their ideas and solutions for different challenges. Students displayed their innovations where energy, water, information technology innovations were highlighted.

Healthy Ecosystem

The Institute of Agro-biotechnologies, Faculty of Geography and Ecology, and Institute of Biochemistry proactively act on ecosystem services and health. Further, the university offers different courses on ecosystems and their analysis for making it sustainable for future generations. In this action, our experts work on indigenous knowledge, skills, and expertise to restore the climatic changes and their implications on the ecosystem.



Top scientists and specialists in indigenous knowledge are collaborating to build a biodiversity database for Samarkand State University. Leading industries have experts from the biology faculty on their panels to provide essential consultations for preserving and developing biodiversity. We think biodiversity is crucial for prosperity and well-being and aids in the development of the opportunities and answers required to tackle sustainability concerns.



The university and its stakeholders work in different domains of the ecosystem which reflect our actions towards sustainability. It is considered to be the major driver of global environmental change and has great impacts on different variables of the ecosystem. Uzbekistan has an arid climate where more attention is required to restore the ecosystem with utmost care.

Healthy Water Cycles

Water is a necessity, and providing our communities with affordable, sustainable access to clean water and sanitary facilities is our goal in meeting this basic human need. Methods that can be incorporated into food systems and that sustainably improve the water balance are examples of sustainable water cycles. Water harvesting, water treatment, seawater desalination, water filtering, water retention systems, and design ideas like Keyline design are a few of these. Aspects from holistic ideas like regenerative agriculture and permaculture are considered.



The approaches aim to strengthen the resilience of natural water cycles and food systems to droughts. In light of the national water shortage, this should provide for more water available for the production of food.

Reduce, Reuse, and Recycle:

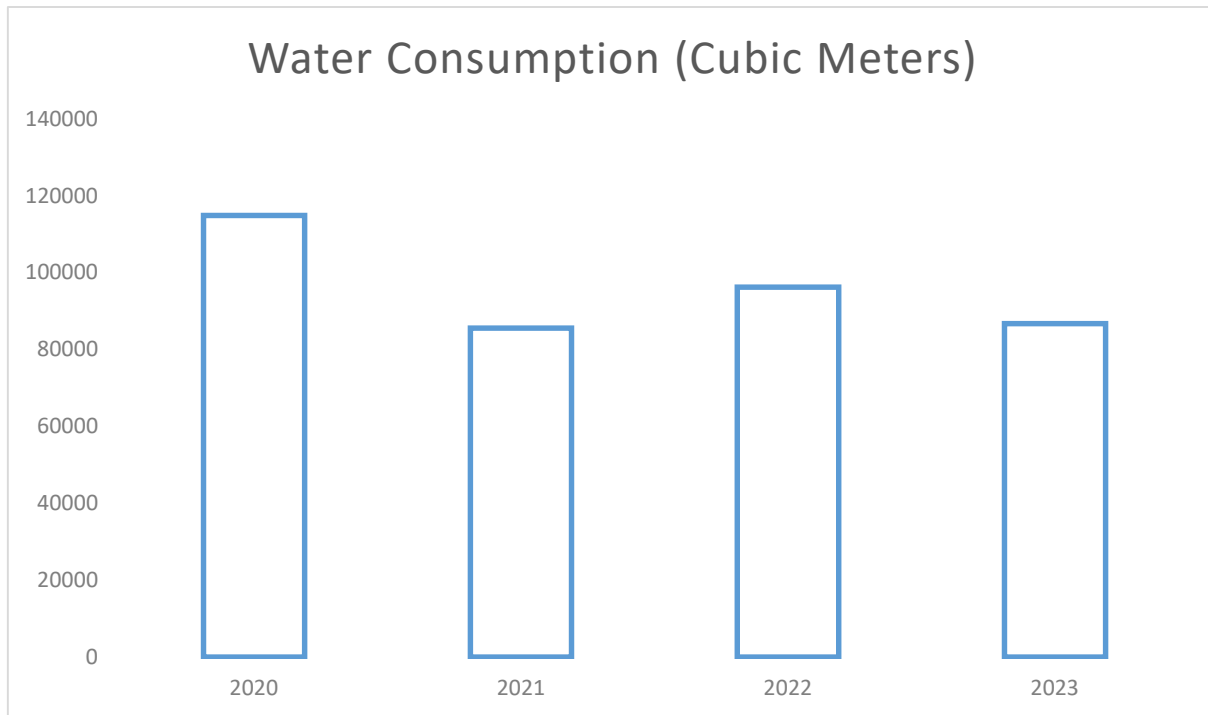
We believe that water is an obligatory item for all humans. With this anticipation and understanding, we implemented the water conservation and usage policy at the university. Our water conservation policy is aimed at three principles viz., Reduce, Reuse, and Recycle.



For many years, our water usage has decreased to a considerable level due to consistent efforts and implementation of new technologies and equipment for the exploitation of water at the university for different purposes. It was increased in 2022 while per capita usage is decreasing.

The university is taking many steps to avoid the loss of valuable water as follows:

1. Upgrading the taps and water distribution system.
2. Updating archaic water taps, potable water pipes, and drip irrigation methods to irrigate green areas.
3. Designated people to solve the problems related to water supply and others.
4. Educating the stakeholders to change their lifestyle and consumption habits through awareness drives in the form of local outreach.
5. Researching water resources and their conservation.



Water consumption at Samarkand State University decreased considerably due to the decreasing population in the last years. The population has slightly decreased due to less number of postgraduate admissions due to the implementation of the new policy of admissions.

The wastewater is transferred to the water treatment plant for further treatment. Approximately, more than 50% of used water is transferred to the water treatment plant. However, the supply of treated water is still underrated due to the very low supply. The university and administration of the Samarkand region work together on this issue for an uninterrupted recycled water supply.

Plan 2024

<p>Climate Leadership</p>	<p>We are developing a strategy to deepen sustainability roots in all spheres of the university. Implementing a carbon offsets procurement strategy by taking into account the recent local and global carbon offset reviews.</p> <p>Continue....</p> <p>The smart energy program will continue in 2023. Plans include the upgradation of energy equipment, appliances, and buildings by high energy rating alternatives. Continue....</p>
<p>Living Campus</p>	<p>We are improving current guidelines and activities to support sustainability plan 2030.</p>
<p>Community of Sustainability Learners and Practitioners</p>	<p>The university is planning to develop a strategy for creating a more viable and vibrant society of learners and practitioners.</p>
<p>Sustainability Courses</p>	<p>More sustainability courses would be added to our curriculum.</p>
<p>Indigenous Knowledge</p>	<p>University widens its gates and welcomes indigenous knowledge for better sustainability practices.</p>
<p>Engagement and Partnerships</p>	<p>We will seize opportunities to broaden our network and interact more frequently with precinct partners regarding the sustainability effects of capital projects and other projects.</p>
<p>Climate Resilience</p>	<p>To improve climate change readiness, preliminary work to identify climate and sustainability risks in the University's Risk Information will be cascaded across the institution in 2023.</p>
<p>Healthy Ecosystem</p>	<p>At our campuses, we'll create goals for enhancing biodiversity and fostering net gain.</p>
<p>Healthy Water Cycle</p>	<p>We will move through with our action plan to implement smart irrigation, minimize water use, and raise the percentage of non-potable water use.</p>



This report is prepared by Transformation Office, Samarkand State University