

# 13 CLIMATE ACTION






## SDG 13 Take Urgent Action to Combat Climate Change

### Climate Action through TSUULL Teaching, Research and Community Engagement.

In order to contribute to achievement of UN SDG 13, TSUULL undertakes meaningful initiatives in invoking climate action through education, innovation and adherence to climate commitments, to make the necessary changes to protect the planet. These changes also provide huge opportunities to modernize the lifestyle of people, which causes to create new job positions and promote better prosperity across the globe.

### Low Carbon Energy Use/Tracking

Sustainability Practices Office, founded on the purpose to ensure the achievement of UN SDGs, monitors, controls and tracks the procedures' outcomes undertaken within the framework of the UN SDG13 Action Plan developed in collaboration with the head of the university and the Office. One of the top prioritized goals is considered to start procuring 100% of its grid energy from renewable sources by 2023. To date, this goal has been accomplished and fully functioning. Meaning, university produces its 100% of electricity from solar panels crediting small quantity to biomass, as well as, retails its clean energy to local institutions as it generates excessively in summer seasons contributing to a greener future. The table on the right, shows university renewable energy production in 2022

	RENEWABLE ENERGY	PRODUCTION (IN KWH)
	BIODIESEL	3000
	SOLAR PANEL	28,525
	TOTAL	31,525

### Local and International Education Programs on Climate

TSUULL Climate Action Plan is regularly updated and the Actions are extended to wider outreach of institutions including the local authorities and international institutions to come together to combat climate change.



A strong understanding of Sustainable Development is a key part of the experience at our university, and we're helping nation develop the skills and knowledge they need to help build a sustainable future for all. "Education for sustainable development (ESD) is the process of equipping students with the knowledge and understanding, skills and attributes needed to work and live in a way that safeguards environmental, social and economic wellbeing, both in the present and for future generations." (The United Nations World Summit, 2005)." ESD is a central pillar of the approach to deliver quality teaching and learning on climate change risks, impacts, mitigation, adaptation, impact reduction and early warning not only the in-house students but also local people at no cost. To support such education, TSUULL holds lecture series on sustainability in collaboration with international youth grassroots movement 'Fridays for Future'



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# Commitment to Carbon Neutral University – Climate

One way the TSUULL is attempting to reduce its carbon emissions in response to the climate and ecological crises is through the Climate Action Plan shared with local, regional and international organizations. Through collaborative work, each partner organization pinpoints the measures regularly that will have the biggest impact and reduce the most carbon through a climate action plan. Over a hundred of specific actions have currently been committed to at the University in collaboration of outer institutions.

‘The Climate Action Plan which unites faculty, staff, and students to identify common problems and evaluate special opportunities to cut carbon emissions across the University’ – J.Kholtayev, Head of Sustainable Practices Office.



ALISHER NAVO'I TASHKENT STATE UNIVERSITY OF UZBEK LANGUAGE AND LITERATURE

**CAMPUS CARBON NEUTRALITY PLAN**

## Specialists on the field

*Kirill Lukianov- PhD in Physics and Mathematics ,  
Researcher*

*Alexander A.Smotritskiy- PhD in Physics and  
Mathematics, Founder & Chief Executive Officer at  
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In order to achieve just and equitable climate solutions that address climate reduction, adaptation, and resilience, Climate Action Plan puts a special emphasis on using the university's capabilities. This plan's effectiveness depends on input from stakeholders on the campus and in the local community. The plan lays out key directions and actions that is mobilized across campus to enable a shift to carbon neutrality by 2050 and increase the energy efficiency of the University Campuses.

