

SDG17: Partnerships for the Goals

Report

Sustainable Development Goal 17 and AzTU

'Partnerships for the Goals' is aimed at the implementation and revitalization of the global partnerships for sustainable development. This would mean bringing together national governments, the international community, civil society, the private sector, community members, and various other relevant actors to improve collaboration for increased sustainable development.

As higher education institutions, universities can contribute to the implementation of SDG 17 by promoting partnerships, knowledge sharing, research collaboration, and capacity building in the context of overall Sustainable Development Goals. In this regard, AzTU has prioritized the SDGs and included in its Development Strategy for 2021-2030 (https://www.aztu.edu.az/web_admin/upload/files/aztu.edu.az/menus/9-2022/Strategiya.pdf). One of the key pillars in this Strategy is called 'Building a Sustainable and Inclusive University that meets the requirement of the 21st Century'.

Research on SDGs

AzTU re-considered its research areas with the objective of closely integrating SDGs with researches. The Scientific Council of AzTU identified the following research areas for the period of 2022-2026:

- Data Science, Artificial Intelligence and Machine Learning
- Information Technologies, Software Development and Cyber Security
- Sustainable Energy, Mobility and Environmental Technologies
- Advanced Manufacturing, Material Science and Nanotechnologies
- Robotics, Automation and Industrial Internet of Things

In 2022, the New Center Social Development Center was established to coordinate and support social activities inside and outside of the university. Besides activities related to engagement with society, schools, and communities, the Center also runs a volunteering program inside the university. Students participate in volunteering activities which are addressed to the engagement with society, such as

visiting secondary schools and delivering them seminars and workshops related to different subjects, such as STEM, a career in engineering, etc.

<https://www.aztu.edu.az/az/news/aztu-universitet-mekteb-emekdasligini-inkisaf-etdirir-8254>

Global partnerships for SDGs

AzTU continuously emphasizes the SDG-related issues in research context in cooperation with all its partners and at international university collaborations. As an active member of Black Sea Universities Network (BSUN) (www.bsun.org), AzTU contributes to the research agenda of BSUN on sustainable development goals. In 2022, AzTU hosted the BSUN's workshop on "Water and Energy Security and the UN 2030 Agenda on Sustainable Development", where BSUN and AzTU representatives delivered presentations on research results related to the topic.

<https://www.aztu.edu.az/az/news/aztu-da-qara-deniz-universitetler-sebekesinin-numayendelerinin-istiraki-ile-beynelxalq-seminar-kecirilib-7748>

<https://www.youtube.com/watch?v=OQq7zn1kIXs>

AzTU continued its active contribution to the Erasmus+ project "Enhancing Capacity Of Universities To Initiate And To Participate In Clusters Development On Innovation And Sustainability Principles" (UniClaD)" during 2022 – <https://www.aztu.edu.az/az/project/innovasiya-ve-dayaniqliliq-prinsipleri-ile-klasterlerin-islenmesine-baslamaqda-ve-istirakda-universitetlerin-potensialinin-artirilmesi-layihesi-uniclad-2>

In 2022, AzTU was the sole organizer and co-organizer of several international and national conferences that wholly or partially dealt with the sustainable development issues, as shown below:

- 3rd Eurasian Energy and Sustainability Conference with the title of "The Dynamic Energy Landscape in Eurasia: Global Treats to Energy Security, Regional Challenges and Opportunities" – https://aztuconference.aztu.edu.az/conference_detail/20
- Energy Efficiency and Green Energy Technologies – https://aztuconference.aztu.edu.az/conference_detail/22
- International Conference on Engineering Sciences – https://aztuconference.aztu.edu.az/conference_detail/21

Academic activities on SDGs and partnerships with NGOs

AzTU provides education programs and courses related to the various aspects of SDG goals.

2 Master's programs were developed in 2021-2022 in the framework of the EU grant program, Erasmus+. Master program in Crisis and Risk Management for Transport Services is related to SDG 11 and Quality and Risk Management in Healthcare is related to SDG 3 Good Health and Wellbeing.

Also, the curriculum of most engineering programs includes several courses that cover topics of SDGs. General ecology, urban ecology, environmental monitoring, Complex use and protection of water resources, Waste-free production processes and waste recycling, Environmental engineering, Integrated management of water resources, Land reclamation, recultivation and ecological foundations, Treatment and reuse of wastewater, Research of natural and waste waters by laboratory methods, Green economy, Energy and environment are courses which are delivering in bachelor and master's programs.

https://www.aztu.edu.az/sub_site/az/creng-88/page/study-materials-646

<https://www.aztu.edu.az/az/news/aztu-da-lmq-s-layihesi-cercivesinde-yeni-ixtisas-uzre-telebe-qebulu-aporilib-7959>

AzTU has a strong tradition of conducting social events, educational trainings, webinars and seminars together with numerous NGOs and this has been seriously pursued in recent years. For example, NGOs, such as "Development of the field of migration" Public Union, Support for Youth Enlightenment Public Union have organized educational and training exercises on various topics as role of psychology, the struggle against drug addiction. Student organizations have an active role here.

AzTU pays due attention to the close collaboration with the nationwide student organizations and provides relevant support to their branches at the University.

AzTU Student Youth Organization – https://www.aztu.edu.az/sub_site/az/telebe-gencler-teskilati-71

AzTU Student Trade Union – https://www.aztu.edu.az/sub_site/az/telebe-hemkarlar-ittifaqi-komitesi-70

"Domestic Violence and Gender: Common Problems" event organized by AzTU, "Sustainable Scientific and Social Development" Public Union – https://www.baymedia.az/news/qht_news/80755.html