

L D U



1 9 9 2

LƏNKƏRAN DÖVLƏT UNIVERSİTETİ

**SDG
REPORTS
2024**

Affordable and clean energy at Lankaran State University

The University does not use natural gas for heating rooms in academic buildings and administrative buildings. We use energy for all of this.

We use only energy for heating the service apartments built and commissioned by the University for the Teaching Staff.

It also helps to reduce the amount of carbon dioxide.

The University is also doing other things to reduce the amount of carbon dioxide. We are working on a new project to collect rainwater and turn it back into clean water for use.

In addition, the University has also allocated another area for rainwater harvesting. LSU will create a lake to collect rainwater in this area. In the waters collected here, we plan to grow seaweed and algae according to the Blue Carbon recommendation of the World Ocean Fund. It also takes carbon from the air and literally takes the carbon out of circulation. Lankaran State University also implements extra measures aimed at clean and cost-effective energy production. The university works on projects related to the solution of environmental problems and the use of sustainable energy sources. Within these projects, students increase their knowledge and skills in energy efficiency, renewable energy sources (such as solar and wind energy), and environmental protection.

Lankaran State University implements the local and international conferences on environmental and energy issues, for example, seminars and scientific-practical conferences on ecology and clean technologies. The university also has initiatives on the development of alternative energy sources and environmental awareness. For example, students and teaching staff participate in international projects in the field of clean energy use and energy efficiency and conduct various researches in this field. Information on energy and water consumption at Lankaran State University is limited, but based on some general information; the university focuses on energy and water resource management.

In order to save energy, University renovated the buildings and educational activities on environmental problems. The university has several teaching buildings, laboratories and student dormitories, which increase the scale of the total expenditure.

The students and professors of Lankaran State University do not lag behind the seminars, educational trainings, national and international scientific conferences on climate science or environmental sustainability. On December 6, 2023, at the scientific seminar jointly organized by Lankaran State University, Odlar Yurdu University and Dendrology Institute, professors and students of Lankaran State

University have participated at the scientific webinar. Here there was a discussion on the topic of modern ecological situation and problems about South Caspian Sea. Professors and students of Lankaran State University spoke on the subject and discussion of the modern ecological situation and problems of the Lankaran-Astara coasts of the South Caspian Sea.