

**Ministry of Education and Science of the Republic of Kazakhstan  
KEJSC "Caspian University of Technology and Engineering named after Sh. Yessenov"**



**CARBON EMISSION POLICY**

translated from original copy

**APPROVED**

by decision of the Scientific Council  
Protocol No. 3, November 15, 2023

Date	A copy	Edition
		First

**ST UE 018-2023 -QUALITY MANAGEMENT SYSTEM STANDARD**

**Aktau 2023**

- 1 **DEVELOPED AND ENTERED BY** Quality Assurance Office of Yessenov University October 25 20, 2023
- 2 **AGREED** by the decision of the Quality Council of Yessenov University November 5, 2023, No.2 protocol
- 3 **APPROVED AND IMPLEMENTED** by the Scientific Council of Yessenov University by decision of November 15 , 2023 , protocol No. 3

Inspection frequency - 3 years

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## **1. General provisions**

1.1 Effective carbon emissions policy of Yessenov University conveys collaboration among governments, businesses and communities to transition to a low-carbon economy and achieve sustainable development while mitigating the impacts of climate change.

## **2. Definitions and purposes**

2.1 This carbon emissions policy refers to government regulations, laws, and initiatives aimed at reducing the emission of carbon dioxide (CO<sub>2</sub>) and other greenhouse gases into the atmosphere.

2.2 This policy is designed to mitigate climate change and its adverse effects by curbing the activities that contribute to the accumulation of greenhouse gases in the atmosphere, primarily from burning fossil fuels such as coal, oil, and natural gas.

## **3. Procedures and practices**

### **3.1 Renewable Energy Incentives**

Yessenov University offers incentives and subsidies to promote the development and adoption of renewable energy sources such as solar, wind, and hydroelectric power, which produce minimal or zero carbon emissions during electricity generation.

### **3.2 Energy Efficiency Standards**

Regulations can be implemented to set minimum energy efficiency standards for appliances, vehicles, buildings, and industrial processes to reduce energy consumption and carbon emissions.

### **3.2 Carbon Emission Limits**

The university follows legally binding limits on the amount of carbon dioxide and other greenhouse gases that industries, power plants, and other entities are allowed to emit. These limits are often enforced through regulatory frameworks.

### **3.3 Research and Development**

The University carries out research and development initiatives aimed at developing cleaner technologies and innovative solutions to reduce carbon emissions across various sectors, such as transportation, agriculture, and manufacturing.

### **3.4 International cooperation**

The University may participate in event on international agreements and treaties, such as the Paris Agreement, to collectively address climate change and commit to reducing their greenhouse gas emissions to mitigate global warming.

## **4 Responsibilities**

4.1 Examine the operation of the energy performance of buildings regime

4.2 Encourage local authorities to become involved in delivering energy efficiency in their areas and social landlords to take action to improve the energy performance of their stock, using the Carbon Emissions Reduction Targets

4.3 Subject to consultation, publish detailed annual implementation plan

4.4 Develop advice on water efficiency as part of broader sustainability information

4.5 Annual data release

4.6 Reform the way transport projects are assessed

4.7 Explore voluntary responsibility deals on waste among academic staff and students

4.8 Launch of projects to develop and trial methods for delivering integrated environmental advice for farmers

## **5 Monitoring**

5.1 Department of Science and Executive rector are in charge of the policy procedures and should be approved by Academic Board of YU

## **6 Review**

Scientific council reviewed the Carbon Emission Policy on November 26, 2023.