

## **POLICY ON CLEAN ENERGY AND ENERGY-EFFICIENT TECHNOLOGIES**

Poltava State Agrarian University strives to provide a sustainable, energy-efficient and environmentally friendly learning and working environment for the entire academic community — students, teachers, staff and visitors. This policy aims to reduce the consumption of non-renewable energy sources, improve the efficiency of technologies and reduce adverse environmental impacts.

### **Scope:**

This policy applies to:

- all university buildings, structures and premises, including academic and administrative buildings, laboratories, libraries, dormitories and garages;
- technological equipment, lighting, transport, communication systems;
- all persons on the premises: students, teachers, administrative and technical staff, and visitors.

### **Definitions:**

**Clean energy/renewable energy** – energy obtained from naturally renewable sources: sun, wind, water, geothermal energy, biomass, and others.

**Energy-efficient technologies** – technologies, devices, systems, materials or practices that reduce energy consumption, increase resource efficiency and minimise energy losses.

**Energy consumption** – the amount of energy used by university buildings, systems and equipment.

### **Policy basics:**

1. Lighting and climate control: transition to LED and other energy-efficient lighting sources, use of automatic lighting and heating/cooling control systems, optimisation of ventilation and air conditioning systems.

2. Renewable energy: installation of solar panels.

3. Equipment and IT infrastructure: purchasing energy-efficient equipment. Modernising existing equipment to reduce losses. Using energy-efficient servers, UPS (uninterruptible power supply), energy-efficient cooling systems for IT centres.

4. Transport and mobility: use of electric or hybrid vehicles for university needs. Encouraging walking, cycling and public transport. Possible installation of charging stations for electric vehicles.

5. Educational and awareness-raising activities: informing students and staff about energy efficiency measures, including subjects/seminars on renewable energy sources, holding competitions or projects among students on the topic of energy conservation.

### **Implementation:**

Poltava State Agrarian University will actively implement clean energy and energy-efficient technologies.

The policy will be regularly reviewed and updated to ensure its effectiveness in reducing negative environmental impacts, improving the university's economic efficiency, and fostering an environmental culture among students and staff. The policy will be regularly reviewed and updated to ensure its effectiveness in reducing negative environmental impacts, improving the university's economic efficiency, and fostering an environmental culture among students and staff.