

## **Greenhouse gas emissions reduction program at the University**

The goal of the program is to reduce greenhouse gas (GHG) emissions at the university through the implementation of sustainable practices, technologies and educational initiatives.

### **1. Energy efficiency**

- Energy audit: Conducting an inspection of all buildings to identify energy efficiency improvement opportunities.
- Replacement of outdated systems: Transition to energy-saving technologies (LED lighting, efficient heating and air conditioning systems).
- Use of renewable energy sources: Installation of solar panels and wind turbines on the university grounds.

### **2. Sustainable transportation**

- Encouraging the use of public transport: Developing discount and benefit programs for students and staff.
- Creation of infrastructure for cyclists: Bike parks and paths that are safe for cyclists.
- Stimulating carpooling: Platforms for organizing joint trips.

### **3. Waste management**

- Implementation of a separate waste collection system at the university.
- Recycling education: Training programs for students and staff on recycling and waste reduction methods.
- Reducing the use of single-use plastic: A program for switching to reusable alternatives.

### **4. Environmentally friendly materials**

- The use of sustainable and local materials in the construction and renovation of buildings.
- Reducing purchases with a high carbon footprint: Implementing principles of responsible consumption.

### **5. Educational initiatives**

- Creation of courses and seminars on climate change and sustainable development.

- Organization of conferences and round tables with the participation of experts for the exchange of experience.

## **6. Monitoring and reporting**

- Development of a GHG emission monitoring system: Regular monitoring and analysis of emission data.

- Annual reporting on the results achieved and plans for the future.

## **7. Social initiatives**

- Organization of volunteer actions for students and staff on landscaping and improving the ecology of the campus.

- Creation of an ecological club for active participation of students in environmental protection initiatives.

The implementation of this program will allow the university to significantly reduce greenhouse gas emissions, increase environmental awareness among students and staff, and make a significant contribution to the fight against climate change.

**Director of the department**

**for infrastructure development**

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