

## New Vision University Energy Efficiency Policy and Action Plan

### Foreword

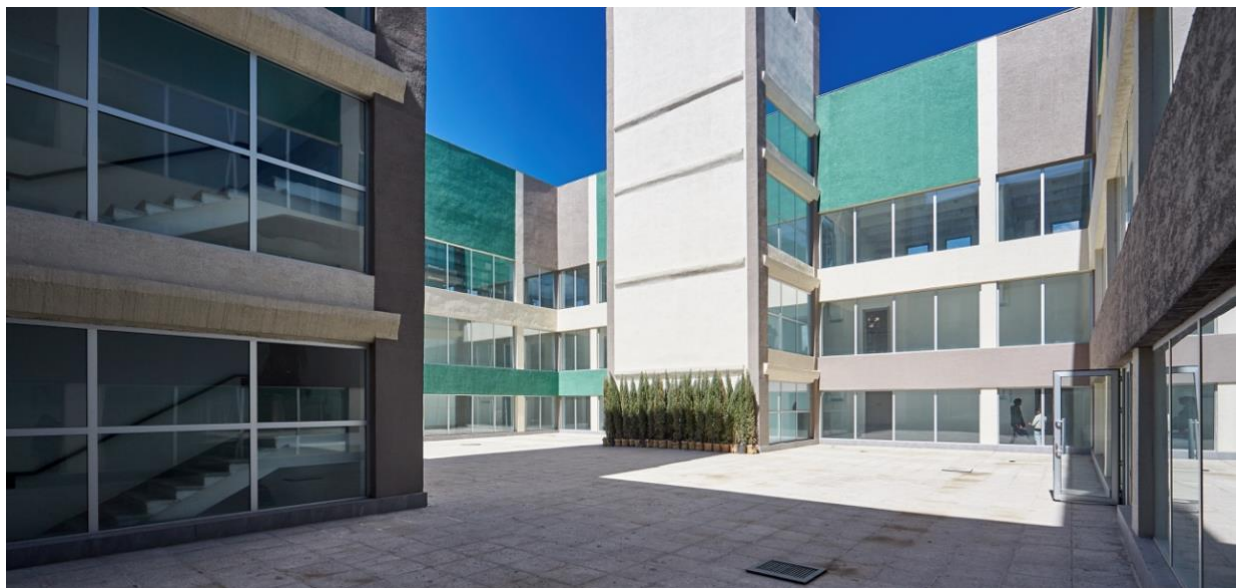
New Vision University is an international university with high social and environmental responsibility. Our motto – “Inspire to Care” clearly demonstrates fully embodied purpose of the university in every area. We **Share Vision – Inspire to Care** for sustainable development.

### Introduction

New Vision University is committed to the formation of eco-friendly environment, continuously develops the eco-campus concept, contributes to environment protection, and with the collaborative effort of the university community decreases its carbon footprint.

The document developed by the university reflects common vision on the energy efficiency policy, and defines activities fostering university energy efficiency, decreasing environmental impact and sustainable development.

The document aims at sharing information to university community and society at a large, developing and strengthening eco-concept of the university.





## Policy of Energy Efficiency and Reduction of Carbon Emission

New Vision University cares for the energy efficiency of its buildings, develops existing infrastructure by increasing its energy efficiency, plans and implements new infrastructure projects while adhering to the national and international standards in the field.

The infrastructure projects carried out by university must be planned and implemented in accordance to the Law of Georgia on “Energy Efficiency of the Buildings”. University takes on the responsibility to evaluate the energy efficiency of its buildings and carry out certification by an independent expert.

The University states it will not invest in carbon-intensive industries and is not currently invested in the carbon-intensive industries. Moreover, through its investments and the investments of its companies, will foster formation of the eco-friendly environment and reduction of the carbon footprint.

### The University:

- Decreases costs and energy for heating and cooling, with the thermal insulation of buildings;
- Utilizes the technology of solar energy heating for water;
- Utilizes only energy-efficiency LED lights for artificial lighting, decreasing energy waste;
- Decreases electricity usage by using natural lighting during day; Buildings are planned to maximize using daylight in the buildings;
- Decreases energy waste with sensorial-automatic LED lighting;
- Possesses only energy efficiency cars; Cars in the possession of the university are only electric and/or hybrid; University takes responsibility to only purchase energy efficient cars;
- Installs electric car charging stations on the campus territory;
- Prioritizes purchasing energy efficient heating and cooling systems, as well as electronic appliances;
- Prioritizes energy efficient transport when planning international or local travel; Carbon emission of the transport is taken into consideration and the lower-impact mode of transportation is prioritized (e.g. train);
- University plans and implements projects that will foster decreasing carbon emission and utilizing renewable energy, including collaborative projects with the companies established by the university.





## Action plan for reducing environmental impact 2022-2024

The University, in order to decrease its impact on the environment and increase the share of renewable energy used, plans the following activities:

### 1. Solar System Panels Installation

- Installation of the solar system panels on the New Vision University Hospital – 2022
  - Decreased level of electricity usage
- Installation of the solar system panels on the New Vision University ecocampus and/or on the territory of the University's company - 2024
  - Decreased level of electricity usage

### 2. Increasing society's awareness on and access to the renewable energy

- Planning activities aimed at raising awareness on renewable energy for wide society in collaboration with students and staff – yearly
  - Raised awareness within the University and wide society
- Improved accessibility of renewable energy systems in the local community – 2024
  - Increased usage of renewable energy within the local community; Decreased emission of CO<sub>2</sub>

### 3. Certification, monitoring and development

- Audit and certification of energy efficiency - 2023
  - Energy Efficiency Certificate
- Development of the updated action plan based on the results of the energy efficiency audit of the University's buildings - 2024
  - Updated action Plan

### 4. Maintain and Expand Existing Practices (Yearly Activities)

- Continue utilizing solar system technology for water heating
- Continue utilizing only energy efficiency lighting
- Addition of the charging stations for electric cars
- Prioritizing energy efficient electronic appliances and systems of cooling and heating and cars during procurement.





### **Implementation, Monitoring and Development**

The University staff must carry out its activities whilst adhering to the principles of the policy and promote the continuous development of the energy efficiency of the University.

Chancellor of the University is responsible for the compliance of the university activities with the policy requirements and principles, and for the monitoring of fulfillment of the obligations defined by the document.

The chancellor presents yearly report on the policy and action plan to the Academic and Representative boards.

The document, and the changes in the document are approved by the decree of the Head of the Representative Board. Changes can be initiated by any member of the University community, as well as based on the monitoring of the Action Plan's implementation.

**SHARE VISION - INSPIRE TO CARE**



**NVU CAMPUS**

