

## **Istanbul Topkapı University Sustainable Environment, Energy and Water Policy**

Istanbul Topkapı University adopts an environmental policy that prioritises environmental sustainability, promoting the conservation of natural resources, energy efficiency and water management. Our Sustainable Environment, Energy and Water Policy aims to minimise environmental impact during the university's activities and ensure the efficient use of energy and water resources. Our university promotes environmentally friendly practices across the campus, raising awareness among community members about the conservation of energy and water resources and taking responsibility for a sustainable future.

### **Core Values**

The Sustainable Environment, Energy and Water Policy of Istanbul Topkapı University is based on the following fundamental values:

1. **Environmental Responsibility:** Our university acts in an environmentally conscious manner and takes the necessary measures to protect natural resources. Environmental impacts are taken into account in all processes and these impacts are minimised.
2. **Energy Efficiency:** The shift towards renewable energy sources is encouraged to reduce energy consumption through increased energy efficiency. The sustainable management of energy use is one of the university's priority objectives.
3. **Water Management and Conservation:** The efficient and effective use of water resources is ensured. Solutions that reduce water consumption and promote water recycling are developed.
4. **Sustainability Education and Awareness:** Educational programmes are organised to raise awareness across the community on environmental, energy and water management issues. Students and employees are educated on sustainability issues.
5. **Innovation and Technology:** Innovative technologies are utilised in the areas of sustainable environment, energy and water management and environmentally friendly practices are implemented across the campus.

### **Sustainable Environment, Energy and Water Policy Strategies**

Istanbul Topkapı University implements the following strategies for environmental sustainability and the efficient use of energy and water resources:

1. **Utilisation of Renewable Energy Sources:** Our university promotes the use of renewable energy sources such as solar, wind and geothermal energy in order to reduce energy consumption. Solar panels and solutions that increase energy efficiency are used in buildings on campus.
2. **Energy Efficiency Projects:** Energy management systems have been installed in university buildings to increase energy efficiency and low-energy lighting, heating and cooling systems have been implemented. Energy consumption is minimised through building insulation and smart energy management systems.

3. **Water Conservation and Recycling Programmes:** To increase water conservation across the campus, low-water-consumption fixtures and sensor-activated taps are used. Additionally, water recovery solutions such as rainwater harvesting systems and greywater recycling systems are implemented.
4. **Eco-Friendly Building and Landscape Design:** Our university develops green buildings and sustainable landscaping solutions that minimise environmental impacts. Energy-efficient structures, green roofs and sustainable water management solutions are implemented across the campus.
5. **Waste Management and Recycling:** Recycling is a priority in waste management. Waste reduction and recycling strategies aim to reduce energy consumption and minimise environmental impact.
6. **Social Awareness and Education Programmes:** Our university regularly organises training and awareness programmes on environmental, energy and water management for students and staff. These programmes contribute to the development of environmental responsibility awareness.
7. **Continuous Monitoring and Reporting:** Energy and water consumption are monitored regularly and progress towards sustainability targets is reported. Performance is continuously improved using the data obtained during these processes.

## Objectives

The objectives of Istanbul Topkapı University's Sustainable Environment, Energy and Water Policy are as follows:

1. **Reducing Energy Consumption:** To reduce energy consumption across the campus by 20% and to increase the use of renewable energy sources.
2. **Increasing Water Conservation:** By utilising water recovery systems, reduce water consumption by 30% and ensure the efficient use of water resources.
3. **Increasing the Recycling Rate:** Increasing the recycling rate on campus by 50% to reduce the environmental impact of waste management processes.
4. **Promoting Green Building and Landscape Implementation:** Implementing sustainable green building and landscaping solutions across the campus to promote energy efficiency and environmentally friendly practices.
5. **Increasing Participation in Awareness Programmes:** Increase participation in training programmes organised to raise environmental awareness among students and staff by 40%.

Istanbul Topkapı University aims to protect natural resources, reduce environmental impacts and promote sustainable practices across the campus through its sustainable environment, energy and water policy. Our university is committed to the effective implementation and continuous development of this policy.