

Istanbul Topkapı University Sustainable Campus Design, Renovation and Construction Policy

Istanbul Topkapı University commits to adopting sustainability criteria in campus design, renovation and construction processes to ensure that its students, academic and administrative staff study and work in accordance with environmental, social and economic sustainability principles. This policy aims to increase the campus's energy efficiency, reduce its environmental impact and provide a healthy, sustainable environment for all community members. Our university adopts sustainability principles in all campus projects in line with its responsibility to leave a more liveable world for future generations.

Core Values

The Sustainable Campus Design, Renovation and Construction Policy of Istanbul Topkapı University is based on the following core values:

1. **Environmental Sustainability:** Our university minimises its impact on nature by using environmentally friendly materials in its campus projects. It ensures the conservation of natural resources through the integration of renewable energy sources and water management strategies.
2. **Energy and Resource Efficiency:** Our university aims to reduce energy consumption and lower its carbon footprint by utilising innovative technologies that enhance energy efficiency across campus areas.
3. **Green and Social Living Spaces:** Our university promotes biodiversity by increasing green spaces on campus, while also creating sustainable living areas that support social interaction among community members.
4. **Accessible and Inclusive Design:** By prioritising the creation of accessible, safe and inclusive spaces for all individuals, infrastructure is developed that can be easily used by disabled individuals.
5. **Waste Management and Recycling:** Waste management strategies are developed in campus projects to promote recycling processes. Waste production is minimised during construction and renovation processes.

Sustainable Campus Design, Renovation and Construction Policy Strategies

Istanbul Topkapı University implements the following strategies to create sustainable campus areas:

1. **Energy-Efficient Building Design:** Newly constructed or renovated buildings are equipped with systems that increase energy savings. Energy efficiency is achieved through solar panels, structures that optimise the use of natural light, and insulation technologies.
2. **Sustainable Renovation Programmes:** In the process of renovating existing buildings, recyclable materials are used to reduce environmental impact. In addition, the energy performance of buildings is continuously improved and restructured according to sustainability criteria.
3. **Increasing Green Spaces:** Existing green spaces across the campus are preserved and new green spaces are created. Landscape designs prioritise native plant species to protect biodiversity and establish sustainable ecosystems.

4. **Smart Building Technologies:** Smart building technologies that optimise energy, water and waste management are used across the campus. These systems contribute to efficient energy management by monitoring resource usage.
5. **Water Management Strategies:** Water consumption is reduced through water-saving practices such as rainwater harvesting and greywater reuse. Sustainable water management policies are implemented in irrigation and landscaping activities.
6. **The Use of Eco-Friendly Materials:** Environmentally friendly, recyclable and locally sourced materials are used in construction and renovation processes. This minimises environmental impact and contributes to the local economy.
7. **Waste Management and Recycling:** Waste generated during construction processes is recycled through effective waste management systems. Waste separation points are established on construction sites to prevent environmental pollution.
8. **Sustainable Transportation:** Sustainable transportation solutions are developed within and around the campus. Carbon emissions are reduced by increasing cycle paths, electric vehicle charging stations and public transport access points.

Objectives

The objectives of Istanbul Topkapı University's Sustainable Campus Design, Renovation and Construction Policy are as follows:

1. **Increasing Energy Savings:** Reducing energy consumption by 30% through energy efficiency projects on campus.
2. **Expansion of Green Areas:** Increasing green areas within the campus by 20% and preserving the local vegetation.
3. **Increasing the Recycling Rate:** Increasing the proportion of recycled waste in construction and renovation processes to 50%.
4. **Expanding the Use of Eco-Friendly Materials:** Ensuring that 75% of construction materials are environmentally friendly and recyclable.
5. **Raising Sustainability Awareness:** Increasing participation in training programmes organised to raise awareness of sustainability among students and staff by 50%.

Istanbul Topkapı University, by adopting a policy of sustainable campus design, renovation and construction, aims both to ensure that its students and staff are in a healthy, sustainable environment and to minimise its environmental impact. Our university is committed to the effective implementation and continuous improvement of this policy.