

IZMIR INSTITUTE OF TECHNOLOGY

SUSTAINABILITY AND CLIMATE CHANGE MANAGEMENT DIRECTIVE

SECTION ONE

Purpose, Scope, Basis, and Definitions

ARTICLE 1- Purpose:

The purpose of this directive is to regulate the principles for ensuring the sustainability of all activities within the responsibility and authority of the Rectorate of İzmir Institute of Technology, promoting and disseminating sustainable practices for the benefit of nature, communities, and the built environment.

ARTICLE 2- Scope:

This directive covers ensuring the sustainability of all activities carried out within the İzmir Institute of Technology campus, as well as guiding and raising awareness among those managing, implementing, and participating in these activities. The directive applies to all activities and practices related to education and research, energy, infrastructure, transportation, water, and waste management.

ARTICLE 3- Basis:

Article 7 of Law No. 5627 on Energy Efficiency: Includes regulations related to energy efficiency.

Article 10 of Environmental Law No. 2872: Includes regulations regarding Environmental Impact Assessment (EIA).

Article 11 of Environmental Law No. 2872: Includes regulations regarding prevention and control of environmental pollution.

Article 6 of Law No. 5346 on Renewable Energy Resources: Includes regulations related to the use of renewable energy sources.

Waste Management Regulation No. 29314: Includes regulations regarding waste management.

Development Law No. 3194: Includes conditions for safe and sustainable construction.

ARTICLE 4- Basis:

IZTECH: İzmir Institute of Technology

Institute: İzmir Institute of Technology

Building: Any structure or group of structures allocated for educational, research, health, or any service, social, and commercial use, including similar purposes

Infrastructure: Basic physical and organizational structures and facilities that support the operation of an institution or organization, including buildings, energy systems, water and waste management systems, communication, and transportation networks, and other physical resources

Stakeholders: Individuals, groups, or institutions directly or indirectly affected by the activities of an institution or organization, as well as those contributing to these activities. Categories include academic staff, administrative staff, students, technopark management, local communities, civil society organizations, private sector, and public institutions

Units: Faculties, departments, application and research centers, department directorates, directorates, coordinatorships, and all other administrative and academic units of the Institute

ARTICLE 5: General Principles

İzmir Institute of Technology (IZTECH) prioritizes carrying out activities on sustainability and climate change, aiming to protect nature, the built environment, and communities and ensure their transfer to future generations. In this context, IZTECH conducts activities in fundamental areas such as infrastructure and physical setup, energy, waste management, water management, sustainable transportation, education, and research. Activities are aimed at designing and managing campus buildings and infrastructure in accordance with sustainability principles, reducing energy consumption, using renewable energy sources, separating waste at its source,

increasing recycling rates, reducing water consumption, ensuring the effective use of water resources, developing and promoting sustainable transportation solutions, increasing bicycle and pedestrian paths within and around the campus, promoting public transportation, offering courses and programs on sustainability, and supporting and encouraging all kinds of research related to sustainability. Additionally, IZTECH aims to implement measures for reducing its carbon footprint, improving energy efficiency, and promoting the use of renewable energy sources in the context of climate change mitigation. These general principles define IZTECH's key action areas on sustainability and climate change and outline the work to be carried out in these areas. Accordingly, the priority is the protection of nature, the built environment, and the community and ensuring their transfer to future generations.

ARTICLE 6- Duties and Responsibilities:

IZTECH's duties and responsibilities regarding sustainability are as follows:

1. Infrastructure and Physical Setup

- Improving the sustainability of existing structures and infrastructure and addressing new construction and infrastructure projects in accordance with sustainability principles
- Improving the energy, water, and waste management infrastructure on campus
- Ensuring the protection and increase of green areas

2. Education and Research

- Offering courses and programs on sustainability
- Supporting and encouraging all types of scientific research and research projects related to sustainability

3. Energy Efficiency

- Reducing energy consumption and using renewable energy sources
- Developing and implementing projects aimed at energy efficiency

4. Waste Management

- Separating waste at its source and increasing recycling rates
- Developing policies and practices for waste management

5. Water Management

- Reducing water consumption and ensuring the effective use of water resources
- Developing and implementing water-saving projects

6. Sustainable Transportation

- Developing and promoting sustainable transportation solutions
- Increasing bicycle and pedestrian paths within and around the campus
- Increasing public transportation options to the campus

7. Environmental Protection

- Protecting and enhancing the natural environment of the campus
- Protecting maquis, wetlands, forest and agricultural areas, and the ecosystem of Gülbahçe Bay

8. Community Participation

- Encouraging collaboration and partnerships with campus stakeholders and external stakeholders in the field of sustainability
- Raising awareness about sustainability among internal and external stakeholders
- Promoting low carbon footprint for all types of scientific or social conferences, meetings, and activities organized with the leadership, support, and participation of IZTECH

ARTICLE 7- Implementation Principles

Sustainability in the IZTECH campus is a shared responsibility of all stakeholders of the Institute. All activities related to sustainability are implemented by the Rectorate/Deaneries/Department Directorates/Directorates, academic and administrative units and personnel appointed by the Rectorate, students, student organizations, and other stakeholders. In the case of procurement of goods and services, compliance with sustainability principles falls under the responsibility of the unit or researcher obtaining the relevant goods or services.

This directive shall enter into force on the date it is approved by the Institute Senate. Furthermore, the Rector shall execute the provisions of this directive.

