

**Policy Name: Environmental Sustainability****Policy Number: EHS 7600****Policy Owner: Senior Vice President Support Services****Policy Approver: EXCOM****Revision Number: 2****Effective Date: 01 Jan 2018****Last Revision Date: 14 March 2025****Next Review Date: 1 March 2029**

## RELATED DOCUMENTS

UAE Federal Law No. (24) of 1999; Law No. (11) of 2006 and its Executive List published by Cabinet Law No. (37) of 2001.

UAE Net Zero by 2050 strategic initiative

[The UAE's response to climate change | The Official Portal of the UAE Government](#)

Environment Vision 2030 (Abu Dhabi)

[Environment Vision 2030 \(Abu Dhabi\) | The Official Portal of the UAE Government](#)

Abu Dhabi Agriculture and Food Safety Authority (ADAFSA) Policies and Legislation as published at <https://www.adafsa.gov.ae/english/pages/default.aspx>

Food Safety Management System (FSMS) based on Hazard Analysis Critical Control Point (HACCP) principles and regulations.

ADM 7350 IMS Integrated Management System Policy

## SECTION 1 POLICY STATEMENT

- 1.1. Khalifa University of Science and Technology (KU) faculty, staff, students, visitors and contractors have a responsibility to play their part in promoting environmental sustainability and reducing negative environmental impacts both locally and globally.

## SECTION 2 SCOPE AND APPLICABILITY

- 2.1. This policy document applies to the operational activities of Khalifa University of Science and Technology (KU) and to the people associated with KU, including faculty, staff, students, visitors and contractors.

## SECTION 3 PURPOSE

- 3.1. Environmental sustainability is a core value at Khalifa University of Science and Technology (KU). The intent of this policy document is to inform KU stakeholders about the framework that has been established to support the development of various environmental sustainability initiatives both nationally and internationally.
- 3.2. This policy document has been developed to express KU's commitment to environmental sustainability.

## SECTION 4 DEFINITIONS

The following definition(s) apply to this policy document:

- 4.1. **Best Practices:** The most effective and desirable method of carrying out a function or process derived from experience rather than theory.
- 4.2. **Carbon footprint:** The amount of carbon dioxide released into the atmosphere as a result of the activities of a particular individual, organization, or community.
- 4.3. **Environment:** Surroundings in which an organization operates, including air, water, land, natural resources, flora, fauna, humans, and their interrelation.
- 4.4. **Environmental Impact:** Any change to the environment, whether adverse or beneficial, wholly, or partly resulting from an organization's activities, products or services.
- 4.5. **Energy Conservation:** The process of reducing energy consumption by adapting sustainable practices and efficient energy management plan across the business activities of KU.
- 4.6. **Employee:** Consist of faculties and staff.
- 4.7. **Environment, Health, and Safety (EHS) team:** The team of individuals responsible for ensuring compliance with environmental, health, and safety regulations within the university.
- 4.8. **Sustainability:** Forms of progress that meet the needs of the present without compromising the ability of future generations to meet their needs.

## SECTION 5 PROVISIONS AND GUIDELINES

5.1 Khalifa University of Science and Technology (KU) promotes environmental sustainability to reduce its carbon footprint through the following provisions:

- 5.1.1. Environment, Health, and Safety team shall develop and implement effective waste management and recycling procedures and practices:
  - Banning single use plastic items.
  - Educating KU's community on friendly alternatives to plastics
  - Encouraging the 3Rs (Reduce, Reuse and Recycle) concept among KU's community.
  - EHS team shall continually improve and add to the above-mentioned initiatives.
- 5.1.2. Environment, Health, and Safety team shall promote and encourage sustainable forms of internal and external commuting by staff, faculty and students through:
  - Providing charging stations for electric vehicles.
  - Offering electric shuttle bus services to KU community.
  - Encouraging carpooling.

- 5.1.3. Environment, Health, and Safety team will strive to minimize carbon emissions and conserve natural resources through improvements in energy efficiency in:
- Laboratory equipment and machines.
  - Staff and faculty equipment such as fridges and printers.
- 5.1.4. Environment, Health, and Safety team will maintain KU's grounds in an environmentally sensitive way, having regard for the protection of natural habitats and local wildlife by:
- Increasing the outdoor green space of the campus.
  - Implement community garden initiative.
  - Greening the roofs of the campus building.
  - Plant and create a living green wall.
- 5.1.5. Environment, Health, and Safety team aim to minimize water consumption by the university's staff, faculty and students through:
- Modifying existing water outlets (installation of aerators and sensor -based water taps);
  - Implementing water saving techniques such as water displacement in toilet tanks.
  - Conduct Awareness Campaigns around saving water.
- 5.1.6. Environment, Health, and Safety team shall reduce the consumption of paper in KU through:
- Sustainable printer settings.
  - Sustainable tips and guidelines when writing documents (Ex: specific font size)
- 5.1.7. Environment, Health, and Safety team shall increase awareness of environmental responsibility among staff, students and visitors to the University by:
- Conducting environmental campaigns and events
  - Involving them in environmental occasions and activities
- 5.1.8. Environment, Health, and Safety team will consider environmental factors in new build projects and redevelopments to:
- Ensure that KU achieves the 2 pearls requirement under the pearl building rating system
  - Achieve LEED certification in KU buildings.
- 5.1.9. Environment, Health, and Safety team will implement an environmental management system that ensures the University complies with local environmental legislation such as:
- UAE Federal Law No 24 of 1999 On the Protection and Development of the Environment
  - UAE Federal Law Number 10 of 2020 on pesticides

- UAE Federal Law No. 12 of 2018 On Integrated Waste Management
- Cabinet Decree No. 18 of 2018 On the Cultivation of Local Plants and Conservation of Nature

5.1.10. Environment, Health, and Safety team will strive to continually improve the University's environmental performance.

5.2 The provisions of this policy are supported by published procedures that include a process map in an Environmental Management Plan (EMP), which shall operate as if it is a procedure. The EMP aims, among other things, to minimize KU's environmental impact wherever practicable.

5.3 The University regularly reports on its environmental performance in accordance with recognized standards and the targets expressed in the Environmental Management Plan to Abu Dhabi Education and Knowledge and any other relevant competent authorities.

## **SECTION 6 RESPONSIBILITIES**

- 6.1. The Senior Vice President Support Services shall authenticate the implementation of the provisions of this policy document.
- 6.2. The Vice President of Administration, Facilities and EHS is responsible for the implementation of this policy document and its provisions.
- 6.3. The Environmental Health and Safety Manager is responsible for updating and managing the implementation of the provisions of this policy document.
- 6.4. The Environment, Health and Safety team will be responsible for implementing the provisions of this policy document.

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