

**Alexandria University**  
**Climate Action Policy**  
**(Including Illustrative Activities for Academic Year 2024–2025)**

Alexandria University affirms that climate action is a shared institutional responsibility. Through governance, education, research, sustainable operations, and community partnership, the University seeks to build a resilient, low-carbon, and future-ready institution that contributes meaningfully to Egypt and the wider region.

### **1. Policy Statement**

Alexandria University is committed to addressing climate change through education, research, sustainable campus operations, community engagement, and partnerships. The University recognizes climate change as one of the most significant global challenges affecting environmental sustainability, public health, economic resilience, water security, and social equity. Through this Climate Action Policy, Alexandria University commits to reducing its environmental footprint, strengthening climate resilience, promoting climate literacy, and contributing to national and international sustainability goals, including:

- United Nations Sustainable Development Goals (SDGs)
- Paris Agreement
- Government of Egypt climate commitments
- Alexandria University strategic development plans

### **2. Scope**

This policy applies to:

- All faculties, research institutes, hospitals, laboratories, and administrative units
- Academic staff
- Administrative and technical staff
- Students
- Contractors and service providers
- Visitors participating in university activities

### **3. Strategic Objectives**

Alexandria University shall pursue the following climate objectives:

1. Reduce greenhouse gas emissions from campus operations
2. Improve energy efficiency and expand renewable energy use
3. Strengthen sustainable mobility and low-carbon transport
4. Promote waste reduction and circular economy practices
5. Improve water conservation and climate resilience
6. Embed climate change and sustainability issues in teaching and curricula
7. Advance climate-related research and innovation
8. Build staff and student climate awareness
9. Support local community climate adaptation
10. Establish transparent monitoring and reporting systems

### **4. Policy Pillars**

#### **4.1 Governance and Leadership**

The University shall:

- Maintain institutional oversight for sustainability and climate action
- Integrate climate objectives into strategic planning
- Assign responsibilities to relevant administrative units
- Review progress annually

### **Illustrative Activities (2024–2025)**

- Assign responsibilities for a specialised sector for environmental affairs and social services.
- Strengthening of university sustainability governance structures
- Coordination between faculties and administrative units on sustainability evidence and reporting .
- Establishing a sustainability central unit at the university level to be linked to different faculties for implementations in different aspects
- Development of climate-related institutional documentation for rankings and reporting

### **4.2 Low-Carbon Campus Operations**

The University shall seek to reduce emissions through efficient infrastructure and responsible resource use.

#### **Commitments**

- Improve building energy performance
- Upgrade lighting and cooling systems
- Encourage efficient procurement
- Reduce unnecessary consumption

#### **Illustrative Activities (2024–2025)**

- Energy efficiency awareness campaigns across campuses
- Gradual replacement of conventional lighting with LED systems in selected facilities
- Promotion of efficient use of air conditioning and electrical equipment
- Review of utility consumption data in selected units

### **4.3 Renewable Energy**

The University shall support the transition to clean energy technologies where feasible.

#### **Commitments**

- Assess solar energy opportunities
- Promote renewable energy demonstration projects
- Integrate renewable energy in research and teaching

#### **Illustrative Activities (2024–2025)**

- Expansion or planning of solar applications in selected buildings
- Renewable energy awareness events and seminars
- Student and faculty projects related to solar and clean energy systems

### **4.4 Waste Management and Circular Economy**

The University shall minimize waste generation and avoid production of hazard wastes from hospitals and other medical labs, as well as and improve material recovery.

#### **Commitments**

- Promote segregation at source
- Reduce single-use materials
- Encourage recycling and reuse
- Support circular innovation

#### **Illustrative Activities (2024–2025)**

- Recycling awareness initiatives
- Plastic reduction campaigns
- Continued promotion of laboratory and office waste management procedures
- Student-led environmental campaigns related to waste reduction

### **4.5 Water Stewardship and Climate Resilience**

The University shall improve water efficiency and strengthen preparedness for climate-related risks.

#### **Commitments**

- Encourage efficient water use
- Improve maintenance to reduce losses
- Promote drought and resilience awareness
- Support climate adaptation research relevant to coastal cities
- Reuse of waste water from Air conditions

#### **Illustrative Activities (2024–2025)**

- Water conservation awareness messages in university facilities
- Maintenance interventions addressing leaks in selected locations
- Research and academic discussions related to coastal resilience and Mediterranean climate risks affecting Alexandria

#### **4.6 Teaching and Climate Literacy**

The University shall integrate climate and sustainability knowledge into learning and staff development.

##### **Commitments**

- Embed sustainability and climate themes in curricula
- Provide training opportunities for staff
- Encourage interdisciplinary climate education

##### **Illustrative Activities (2024–2025)**

- Sustainability and climate topics included in relevant courses across faculties
- Staff workshops on sustainability and environmental awareness
- Student seminars, conferences, and competitions addressing climate and sustainability themes

#### **4.7 Research, Innovation, and Knowledge Exchange**

The University shall support high-impact climate research and applied innovation.

##### **Commitments**

- Encourage interdisciplinary research
- Support evidence-based policy recommendations
- Build partnerships with industry and government
- Promote publication and dissemination

##### **Illustrative Activities (2024–2025)**

- Research projects on emissions modeling, renewable energy, water systems, environmental management, and climate impacts
- Faculty participation in climate-related conferences and scientific forums
- Collaboration initiatives with external stakeholders on sustainability topics

#### **4.8 Community Engagement and Outreach**

The University shall contribute to climate awareness and resilience in society.

##### **Commitments**

- Deliver outreach programmes
- Support schools, communities, and public institutions
- Promote public understanding of sustainability

##### **Illustrative Activities (2024–2025)**

- Public awareness seminars on sustainability and environmental protection
- Community service convoys including environmental and health awareness elements
- Student volunteer initiatives supporting sustainable development themes

#### **4.9 Sustainable Mobility**

The University shall encourage lower-carbon transport choices.

##### **Commitments**

- Promote shared transport and efficient routing
- Encourage walking where practical
- Explore cleaner fleet options

#### **Illustrative Activities (2024–2025)**

- Coordination of internal transportation for events and visitors to reduce fragmented travel
- Awareness on efficient commuting practices
- Review of future opportunities for greener campus mobility solutions

#### **5. Roles and Responsibilities**

**University Leadership:** Approve strategy and provide oversight

**Faculties and Institutes:** Implement relevant actions and report progress

**Staff:** Follow sustainable practices and participate in training

**Students:** Engage in awareness, innovation, and volunteer initiatives

**Operations Units:** Support efficient utilities, maintenance, and waste systems

#### **6. Monitoring, Indicators, and Reporting**

The University shall monitor progress using indicators such as:

- Energy consumption trends
- Water consumption trends
- Waste reduction and recycling activity
- Number of sustainability training events
- Climate-related courses and student participation
- Research outputs related to climate action
- Community outreach activities
- Renewable energy projects implemented

An annual review should be prepared and used for continuous improvement.

#### **7. Continuous Improvement**

This policy shall be reviewed periodically to reflect:

- Scientific developments
- National regulations
- Institutional priorities
- Stakeholder feedback
- Performance results