

## Air University Net Zero Policy (Target: 2050)



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### 1. Policy Statement

Air University Islamabad is committed to becoming a **net zero carbon institution by 2050** in alignment with global climate goals and national sustainability commitments. This policy sets forth the university's roadmap to reduce greenhouse gas (GHG) emissions across its operations, infrastructure, and supply chain, while embedding sustainability into its teaching, research, and community outreach.

### 2. Alignment with Vision and Mission

Guided by Air University's vision "*to be a leading national university excelling in teaching, learning, research, innovation and public service,*" and mission "*to achieve excellence in teaching and research for producing graduates with sound professional knowledge, integrity of character, a keen sense of social responsibility and a passion for lifelong learning,*" this policy integrates environmental responsibility into the university's core institutional strategy.

Achieving net zero aligns with the university's pursuit of innovation, knowledge leadership, and societal transformation.

### 3. Policy Objectives

By adopting this Net Zero Policy, Air University aims to:

- Achieve **net zero Scope 1 & 2 emissions by 2045** and **Scope 3 emissions by 2050**
- Promote **energy efficiency** and adopt **100% renewable energy** by 2040
- Reduce **water and resource consumption** through conservation and reuse strategies
- Promote **low-carbon transport and infrastructure**
- Strengthen **research, teaching, and student engagement** on climate and sustainability
- Align with **UN Sustainable Development Goals**, particularly **SDG 13 (Climate Action)**

### 4. Strategic Pillars

#### a. Carbon Reduction & Efficiency

- Conduct regular GHG emissions audits in line with the GHG Protocol

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- Improve building energy efficiency through smart technologies
- Replace conventional systems with energy-efficient alternatives

#### **b. Renewable Energy Transition**

- Expand campus-wide solar installations and green energy sourcing
- Target 100% on-campus electricity from renewables by 2040

#### **c. Sustainable Infrastructure**

- Ensure all new construction meets green building standards
- Retrofit existing buildings with sustainable materials and systems

#### **d. Sustainable Transportation**

- Promote electric vehicle infrastructure, carpooling, and cycling
- Transition to a low-emission campus fleet by 2035

#### **e. Curriculum & Research Integration**

- Embed climate science and sustainability across academic programs
- Support research on clean energy, environmental systems, and green innovation

#### **f. Stakeholder Engagement**

- Encourage participation of faculty, staff, students, and partners in the journey to net zero
- Host public forums, awareness campaigns, and community initiatives on climate action

### **5. Governance and Monitoring**

The implementation of this policy will be overseen by the **Office of Quality and Sustainability**, in collaboration with campus facilities, planning, research offices, and student leadership.

- Annual progress reports will be published
- Emission data will be disclosed publicly to ensure transparency
- Targets will be reviewed and refined every 5 years

### **6. Conclusion**

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This Net Zero Policy reinforces Air University's role as a responsible and visionary academic institution. By committing to a net zero future, the university not only minimizes its environmental impact but also shapes graduates who are prepared to lead in a sustainable, climate-conscious world.

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