

UNIVERSITY OF AGRICULTURE FAISALABAD (UAF) Environmental Commitment and Sustainability Policy

1. Purpose

The University of Agriculture Faisalabad (UAF) is committed to safeguarding and improving both local and global climates through its teaching, research, and administrative functions. This policy outlines our dedication to environmental sustainability and responsible practices.

2. Vision Statements

- **Zero Carbon Operations:** UAF aims to achieve carbon neutrality by 2030 for building and fleet energy emissions and by 2050 for transportation and other sources. We will invest in climate-smart initiatives and promote cultural changes to achieve this vision.
- **Enriching Lives:** UAF strives to enrich and transform lives for current and future generations by promoting sustainability.

3. Fundamental Principles

UAF pledges to:

- **Compliance:** Adhere to federal, provincial, and local environmental regulations and standards.
- **Mitigation:** Operate with the goal of minimizing adverse environmental impacts.
- **Resource Stewardship:** Embrace practices that preserve and prudently utilize natural resources.
- **Biodiversity:** Honor and protect biodiversity.
- **Knowledge Dissemination:** Conduct research and academic endeavors that promote sustainable practices, educating students, farmers, agri-value chain actors, and policy practitioners.

4. Implementation and Reporting

- UAF implement and monitor this policy through regular assessments and reporting.
- Any suspected violations should be reported promptly to the relevant authorities.

5. Cultural Change

- UAF encourages a culture of environmental responsibility and awareness among its community members.
- **Diversify Energy Sources:** Expand the use of low and non-carbon energy sources for power and thermal needs. This includes directed biogas, green power

alternatives from utilities, on-site solar photovoltaics, and energy storage. Gradually phase out fossil fuels.

- **Energy Efficiency:** Reduce energy consumption through building-level efficiency initiatives. Encourage energy-saving behaviors among occupants.
- **Mitigate Growth Emissions:** Promote building electrification and implement green building practices to address emissions related to growth.
- **Sustainable Project Integration:** View each project as an opportunity to advance sustainable building practices. Integrate features that reduce both capital and lifecycle energy costs.
- **Clean Infrastructure:** Modernize the main campus heating, cooling, and power systems to primarily operate on clean electricity by 2030. This could potentially reduce campus emissions by 60-80%.
- **All-Electric Buildings:** Mandate that new buildings and major modifications not connected to the main campus energy system be all-electric, with no natural gas connection.
- **Efficient Fleet Management:** Enhance fleet vehicle efficiency by improving fuel efficiency and transitioning to less carbon-intensive fuels.
- **Pollutant Reduction:** Address short-lived climate pollutants like black carbon and methane.
- **HFC Phase-Out:** Advocate for the phasing out of hydrofluorocarbons (HFCs) by 2030.
- **Telework and Space Optimization:** Encourage telework options for employees and optimize campus space utilization.
- **Resiliency Workshops:** Participate in workshops on resiliency planning to inform future endeavors.
- **Campus Climate Action:** Reinstate the campus climate action partnership and steering committee, involving a diverse group of faculty, staff, and students. They will guide carbon reduction, climate justice, resiliency, and adaptation efforts.
- **Bicycle Infrastructure:** Update the campus bicycle plan to accommodate increased bike parking and install conduit and/or electric vehicle charging equipment where feasible.
- **Accessible Campus Housing:** Support campus housing initiatives that promote accessibility via walking and transit.

These strategies collectively contribute to UAF's commitment to environmental stewardship and sustainability.

6. Conclusion

By adhering to these principles, UAF aims to contribute positively to the environment and create a sustainable future.