

## **Air University's Carbon Reduction Target for Scope 1 & 2 Emissions by 2050**

**Introduction:** As part of Air University's ongoing commitment to sustainability and environmental responsibility, we recognize the urgent need to address climate change by reducing our greenhouse gas emissions. In alignment with global efforts to mitigate climate change, Air University is setting a bold and ambitious carbon reduction target that covers Scope 1 and Scope 2 emissions, with the aim of achieving significant reductions by the year 2050.

**Setting the Carbon Reduction Target:** Air University hereby announces its commitment to reduce Scope 1 and Scope 2 greenhouse gas emissions by at least 70% by the year 2050. This target represents a significant milestone in our journey towards a more sustainable and low-carbon future. By setting a clear and measurable target, Air University aims to demonstrate leadership in environmental stewardship and contribute to global efforts to limit global warming to well below 2°C.

**Rationale and Importance:** The decision to set a carbon reduction target covering Scope 1 and Scope 2 emissions reflects Air University's recognition of the critical role that institutions play in addressing climate change. As a leading educational institution, we have a responsibility to lead by example and inspire positive change in our community and beyond. By reducing our carbon footprint, Air University seeks to minimize its environmental impact, enhance operational efficiency, and foster a culture of sustainability among students, faculty, staff, and stakeholders.

**Strategies for Achieving the Carbon Reduction Target:** To achieve our carbon reduction target, Air University will implement a comprehensive set of strategies and initiatives aimed at reducing emissions from Scope 1 and Scope 2 sources. These strategies may include but are not limited to:

**Energy Efficiency Measures:** Implementing energy efficiency upgrades and retrofits across campus facilities to reduce energy consumption and emissions.

**Renewable Energy Adoption:** Increasing the use of renewable energy sources such as solar, wind, and geothermal to power campus operations and reduce reliance on fossil fuels.

**Transportation Initiatives:** Promoting sustainable transportation options, including electric vehicles, public transit, biking, and carpooling, to reduce emissions from commuting and campus travel.

**Operational Improvements:** Optimizing operational processes and practices to minimize emissions associated with heating, cooling, lighting, and other activities.

**Stakeholder Engagement:** Engaging students, faculty, staff, and external partners in sustainability initiatives, raising awareness about the importance of carbon reduction, and fostering a culture of environmental responsibility.

**Monitoring and Reporting Progress:** Air University is committed to transparently monitoring and reporting progress towards our carbon reduction target. We will regularly track our emissions data, evaluate the effectiveness of our strategies, and adjust our actions as needed to stay on track towards our long-term goal. Through annual sustainability reports, public disclosures, and

stakeholder engagement efforts, we will keep our community informed about our progress and achievements in reducing carbon emissions.

**Conclusion:** Air University is proud to announce its carbon reduction target covering Scope 1 and Scope 2 emissions, demonstrating our commitment to environmental sustainability and climate action. By setting ambitious goals and implementing strategic initiatives, we are dedicated to reducing our carbon footprint and contributing to a more sustainable future for generations to come. Together, we can make a meaningful difference in combating climate change and preserving our planet for future generations.

S.No	Campus	Renewable Energy generated (Last reporting year)
01	Main Campus	400 Kw
02	Kamra Campus	240 Kw
03	Kharian campus	200 KW
04	Multan Campus	450 Kw

S. No	Building	Footprint (Sft)
<b>Main Campus</b>		
1	Admin Block	7,393
2	Academic Block “A”	13,241
3	Academic Block “B”	12,500
4	Pre-Fabricated Building	2,400
5	Mini Office Block	2,350
6	Administrative Science Block	12,650
7	Institute of Avionics & Aeronautics Building	13,630
8	Student Services Center	14,249
9	Language Training Center	14,064
10	Fazaia Medical College	18,650
11	Light Gauge Structure (LGS)	10,903
12	Hostel Block	9,490
13	Nursing Block	13,145
	Sub Total	144,665

<b>S. No</b>	<b>Building</b>	<b>Footprint (Sft)</b>
<b>South Campus</b>		
14	Admin Block	20,976
15	Academic Block	11,405
16	Student Hostel	14,668
	Sub Total	47,049
<b>Kamra Campus</b>		
17	Academic Block	50,400
18	Student Hostel	24,440
	Sub Total	74,840
<b>Multan Campus</b>		
19	Academic Block	18,334
20	Student Hostel	31,103
	Sub Total	49,437
<b>Kharian Campus</b>		
21	Academic Block	47,000
	Sub Total	47,000
	Grand Total	362,991Sft