



Document Name:	Climate Action Plan, DUHS
Document Number:	DUHS / QEC / 03

DOW UNIVERSITY OF HEALTH SCIENCES



Climate Action Plan of Dow University of Health Sciences, Karachi

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3.					
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6.					
7.					
8.					
9.					
10.					
11.					
12.					



Document Name:	Climate Action Plan of the Dow University of Health Sciences, Karachi
Document Number:	DUHS / QEC / 03

TABLE OF CONTENTS

SR. NO.	CONTENTS	PAGE NO.
	Distribution List	4
	List of Abbreviations	5
1.	Purpose	7
2.	Goal	7
3.	Objective	6
4.	Implementation and Resources:	7
5.	Plan	7




Document Name:	Climate Action Plan of the Dow University of Health Sciences, Karachi
Document Number:	DUHS / QEC / 03

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	Document Name:	Climate Action Plan of the Dow University of Health Sciences, Karachi
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LIST OF ABBREVIATIONS

DOC	Document
DUHS	Dow University of Health Sciences
QEC	Quality Enhancement Cell

	Document Name:	Climate Action Plan of the Dow University of Health Sciences, Karachi
	Document Number:	DUHS / QEC / 03

1. **PURPOSE:** As a leading health sciences University, DUHS^{is} committed to excellence in education, research, patient care, and community service, We recognize the urgent need to address climate change and its impact on human health. This Climate Action Plan outlines the Dow University's commitment to reducing greenhouse gas emissions, promoting sustainable practices, and fostering a culture of environmental responsibility within our University.

2. **Purpose:** The primary goal of the sustainability committee & society of this University is to achieve carbon neutrality and create a resilient, sustainable campus that minimizes its ecological and carbon footprint and contributes positively to the universal fight against climate change. Therefore, by taking the important steps to implementing this Climate Action Plan, the University aims to inspire our students, faculty, staff, and community to take collective action in addressing climate-related challenges, and their effect on health.


3. **Plan:**

By adopting this Climate Action Plan, DUHS aims to become a leader in climate action for the academic and healthcare sectors within the Province of Sindh.

Through sustainable practices, research, education, and community engagement, we can contribute to a healthier and more resilient future for communities where the University serves, while preparing our students to become responsible healthcare professionals in a changing climate. Together, we can make a significant positive impact on the health of both individuals and the planet. The Climate Action plan consists of the following

Components:

- I. Sustainable Campus Operations
- II. Research and Education
- III. Community Engagement
- IV. Greenhouse Gas emission Reduction campaign
- V. Continuous Monitoring and Reporting

	Document Name:	Climate Action Plan of the Dow University of Health Sciences, Karachi
	Document Number:	DUHS / QEC / 03


4. **Objectives:**

4.1. **Greenhouse Gas Emission Reduction:**

- The University's Sustainability committee will conduct a comprehensive greenhouse gas inventory to identify emission sources and set baseline data in the year 2023-2024.
- The University's Sustainability committee will establish emission reduction targets, consistent with national and international climate goals.
- The University's Sustainability committee will implement energy-efficient measures and technologies, such as LED lighting, energy management systems, and renewable energy installations for each new project proposed or in the future planning.
- The University's Sustainability committee will promote sustainable transportation options, such as biking, walking, and carpooling, reducing the use of rickshaws on campus grounds, along with providing electric vehicle options, such as rest stops, bike stations, and electric car charging stations etc.

4.2. **Sustainable Campus Operations:**

- The University's Sustainability committee will contribute towards development and *enforcement of sustainable procurement policies, favoring environmentally friendly products and services, within the guidelines of SPPRA rules.*
- The University's Sustainability committee will implement waste reduction strategies, including recycling programs, composting initiatives, and single-use plastic reduction campaigns.
- The University's Sustainability committee will improve water management practices, including rainwater harvesting, water-efficient fixtures, and landscaping techniques to use less water within the campus.
- The University's Sustainability committee will promote sustainable food options in campus cafeterias, including prioritizing locally sourced, organic, and plant-based meals.

	Document Name:	Climate Action Plan of the Dow University of Health Sciences, Karachi
	Document Number:	DUHS / QEC / 03

4.3. Research and Education:

- The Board of Studies of respective disciplines to discuss, suggest and integrate relevant climate change and sustainability principles into the curricula, across various disciplines, emphasizing the intersection of climate and health.
- The Research Department of the University (the ORIC), to support research initiatives focused on climate change, public health, and environmental sustainability.
- The Deans, Principals/Directors of constituent colleges, schools and institutions, along with the relevant offices (i.e. Registrar, Global Engagements), to establish partnerships with local communities, organizations, and governments to collaborate on climate-related projects and initiatives.

4.4. Community Engagement:

- Raise awareness about climate change and its impact on human health through workshops, seminars, and public outreach campaigns.
- Encourage active participation and engagement in sustainable practices through incentives, rewards, and recognition programs.
- Foster collaboration with other universities and institutions to share best practices, experiences, and knowledge on climate action.

4.5. Monitoring and Reporting:

- The committee formed for this purpose will establish a system for regular monitoring, measurement, and reporting of greenhouse gas emissions and progress towards emission reduction targets.
- They will conduct periodic assessments and evaluations to identify opportunities for improvement and refine climate action strategies.
- The QEC will also publish an annual sustainability report to communicate progress, achievements, and challenges transparently throughout the University and for external stakeholders.



Document Name:	Climate Action Plan of the Dow University of Health Sciences, Karachi
Document Number:	DUHS / QEC / 03

5. Implementation and Resources:

To successfully implement this Climate Action Plan, we will allocate necessary university resources, create a dedicated sustainability committee/office (as required), and form a cross-functional climate action committee representing various stakeholders. The relevant focal persons will be responsible for coordinating initiatives, tracking progress, and ensuring accountability.