

Carbon reduction and emission reduction process



Policy

Policy Title: Carbon Reduction and Emission Reduction Policy

Policy Number: CRER-2024

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1. Policy Statement

TIIAME National Research University recognizes the urgency of addressing climate change and is committed to taking proactive measures to reduce its carbon footprint and minimize greenhouse gas emissions. This policy establishes a comprehensive framework to guide the university in implementing strategies and initiatives for carbon reduction and emission reduction in all areas of its operations.

2. Objectives

a) Reduce Carbon Footprint: TIIAME National Research University aims to decrease its carbon footprint through the implementation of energy-efficient practices, adoption of sustainable technologies, and responsible resource management.

b) Minimize Greenhouse Gas Emissions: The university is dedicated to minimizing greenhouse gas emissions resulting from its activities, including energy consumption, transportation, waste management, and procurement.

c) Promote Renewable Energy: TIIAME National Research University is committed to prioritizing the use of renewable energy sources, such as solar, wind, and geothermal, in order to reduce reliance on fossil fuels and significantly decrease carbon emissions.

d) Foster Sustainable Transportation: The university will actively promote sustainable transportation practices among its faculty, staff, and students. This includes encouraging the use of public transportation, carpooling, cycling, and walking to reduce carbon emissions associated with commuting and transportation.

e) Enhance Energy Efficiency: TIIAME National Research University will implement energy-saving measures, such as conducting regular energy audits, improving building insulation, utilizing energy-efficient lighting systems, and deploying smart technologies, to optimize energy consumption and reduce carbon emissions.

f) Waste Management and Recycling: The university will adopt sustainable waste management practices that prioritize waste reduction, recycling, and composting, thereby minimizing greenhouse gas emissions associated with waste disposal.

g) Incorporate Sustainable Procurement: TIIAME National Research University will give preference to environmentally friendly products and services in its procurement processes. The university will consider the carbon footprint and lifecycle impacts of purchased goods and services, while also encouraging suppliers and contractors to adopt sustainable practices.

h) Raise Awareness and Education: The university will conduct awareness campaigns, educational programs, and training initiatives to engage the university community and promote a culture of sustainability. These efforts will emphasize the importance of carbon reduction and emission reduction, as well as provide practical guidance on sustainable behaviors.

3. Responsibilities

a) University Administration: The university administration is responsible for setting clear carbon reduction targets, allocating necessary resources, and establishing mechanisms to monitor and evaluate the progress of carbon reduction initiatives.

b) Faculty, Staff, and Students: All members of the university community are expected to actively participate in carbon reduction efforts. This includes adopting sustainable practices, conserving energy, reducing waste, and promoting sustainable behaviors within their respective roles and responsibilities.

c) Sustainability Office: The Sustainability Office, in collaboration with relevant departments, will serve as the central coordinating body for implementing and overseeing carbon reduction initiatives. The office will monitor progress, provide guidance and support to stakeholders, and ensure compliance with this policy.

4. Monitoring and Reporting

a) The Sustainability Office will establish a robust monitoring and reporting system to track the university's energy consumption,

greenhouse gas emissions, and progress towards carbon reduction targets.

b) Regular progress reports will be prepared and shared with the university community, highlighting achievements, identifying areas for improvement, and providing recommendations for further action.

5. Review and Amendments

a) This policy will be subject to annual review to ensure its effectiveness, relevance, and alignment with evolving sustainability goals, regulatory requirements, and best practices in carbon reduction and emission reduction.

b) Proposed amendments to this policy may be initiated based on the outcomes of policy reviews, changes in environmental regulations, advancements in sustainable technologies, stakeholder feedback, or emerging scientific research.

c) Proposed amendments will undergo a thorough review process and require approval from the appropriate decision-making authorities before implementation.

6. Communication and Awareness

a) TIIAME National Research University will actively communicate this Carbon Reduction and Emission Reduction Policy to all faculty, staff, and students. Communication channels will include the university

website, internal newsletters, orientation programs, and staff meetings.

b) Ongoing communication and awareness initiatives will be undertaken to foster a culture of sustainability, ensuring that all stakeholders are informed, engaged, and encouraged to actively participate in carbon reduction and emission reduction efforts.

By implementing this Carbon Reduction and Emission Reduction Policy, TIIAME National Research University aims to demonstrate its commitment to environmental stewardship and contribute to global efforts in mitigating climate change. The university recognizes the significance of reducing its carbon footprint and minimizing greenhouse gas emissions in order to create a sustainable future for generations to come.