



Fayoum University

Fayoum University Climate Change Action Plan

Fayoum University is following an ambitious strategy that supports the transition to cleaner energy and the reduction of carbon emissions as part of Egypt's 2030 vision for sustainable development.

Fayoum University Alignment with Egypt's NCCS 2050

Egypt launched [The National Climate Change Strategy \(NCCS\) 2050](#) as a roadmap to meet the challenges of climate change within the framework of the updated Egypt Vision 2030. The strategy will enable Egypt to plan and manage climate change at different levels in a way that supports the achievement of the country's desired economic and development goals, following a low-emissions approach.

NCCS 2050 Vision

The vision of the National Climate Change Strategy is:

“Effectively addressing the impacts of climate change, which contributes to improving the quality of life for the Egyptian citizen, achieving sustainable development and sustainable economic growth, preserving natural resources and ecosystems, and strengthening Egypt National Climate Change Strategy (NCCS) 2050 Egypt's leadership at the international level in the field of climate change.”

NCCS Goals and Objectives

It is worth noting that NCCS identifies five main goals, including twenty-two objectives, each containing a number of directions that will contribute to achieving the objectives. NCCS goals and objectives are:



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Goal 1: Achieving Sustainable Economic Growth and Low-Emission Development in Various Sectors

- Objective (1.a): Energy transition by increasing the share of all renewable and alternative energy sources in the energy mix
- Objective (1.b): Reducing emissions associated with the use of fossil fuels
- Objective (1.c): Maximizing energy efficiency
- Objective (1.d): Adopt sustainable consumption and production trends for reduction of greenhouse gas emissions from other non-energy activities

Goal 2: Enhancing Adaptive Capacity and Resilience to Climate Change and Alleviating the Associated Negative Impacts

- Objective (2.a): Protect citizens from the negative health impacts of climate change
- Objective (2.b): Minimize loss and damage to country assets and ecosystems by preserving them from the impacts of climate change
- Objective (2.c): Preserving the country's resources from the impacts of climate change
- Objective (2.d): Resilient infrastructure and services in the face of climate change impacts
- Objective (2.e): Implementation of disaster risk reduction concepts
- Objective (2.f): Preserving and expanding green spaces
- Objective (2.g): Strengthening women's response considerations to help them adapt to climate change

Goal 3: Enhancing Climate Change Action Governance

- Objective (3.a): Defining the roles and responsibilities of the different stakeholders in order to achieve the strategic goals
- Objective (3.b): Improving the rank of Egypt in the international profile of climate change actions to attract further investments and climate finance opportunities
- Objective (3.c): Sectoral policy reform to capture the required climate change mitigation and adaptation interventions
- Objective (3.d): Enhancing institutional, procedural and legal arrangements such as Monitoring, Reporting and Verification (MRV) system

Goal 4: Enhancing Climate Financing Infrastructure

- Objective (4.a): Promoting local green banking and green credit lines
- Objective (4.b): Promoting innovative financing mechanisms prioritizing adaptation actions, e.g., green bonds
- Objective (4.c): Private sector engagement in climate finance and promotion of green jobs
- Objective (4.d): Compliance with Multilateral Development Banks (MDB) guidelines for climate finance
- Objective (4.e): Building on success of the current climate finance programs

Goal 5: Enhancing Scientific Research, Technology Transfer, Knowledge Management and Awareness to Combat Climate Change

- Objective (5.a): Strengthening the role of scientific research and technology transfer in climate change mitigation and adaptation
- Objective (5.b): Facilitating the dissemination of climate-relevant information and knowledge management among government institutions and citizens
- Objective (5.c): Raising awareness on climate change among different stakeholders (high-level policy/decision makers, citizens, and students)



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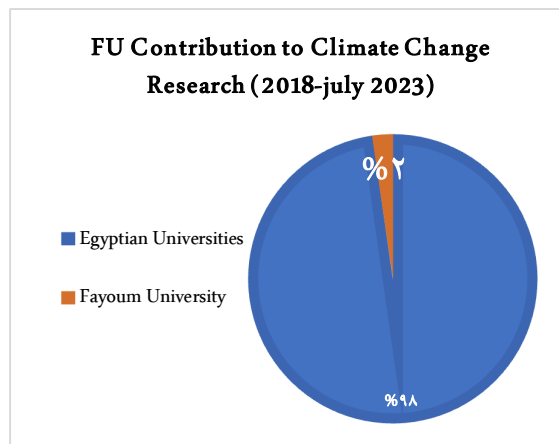
Fayoum University's Contributions to the Global Climate Change Research

Promote Climate Change Education & Research

Our Climate Action Plan proposes that issues of climate change and sustainability be incorporated into part of every student/ graduate's campus experience, as these issues will be part of their lives beyond FU.

According to Scopus (2018 to 2023), Fayoum University contributes to the global climate change research by:

- 63 Research Papers
(1,610 citations)
- 98 Graduate Programs
- 4 Research Projects



FU Efforts to achieve NCCS 2050

- **Integrate Climate Action into Strategic Plan**

In order to increase the University's commitment to and focus on sustainability across teaching, research, and operations, FU incorporates the Climate Action Plan into its Strategic Plan.

- **Working towards net zero carbon**

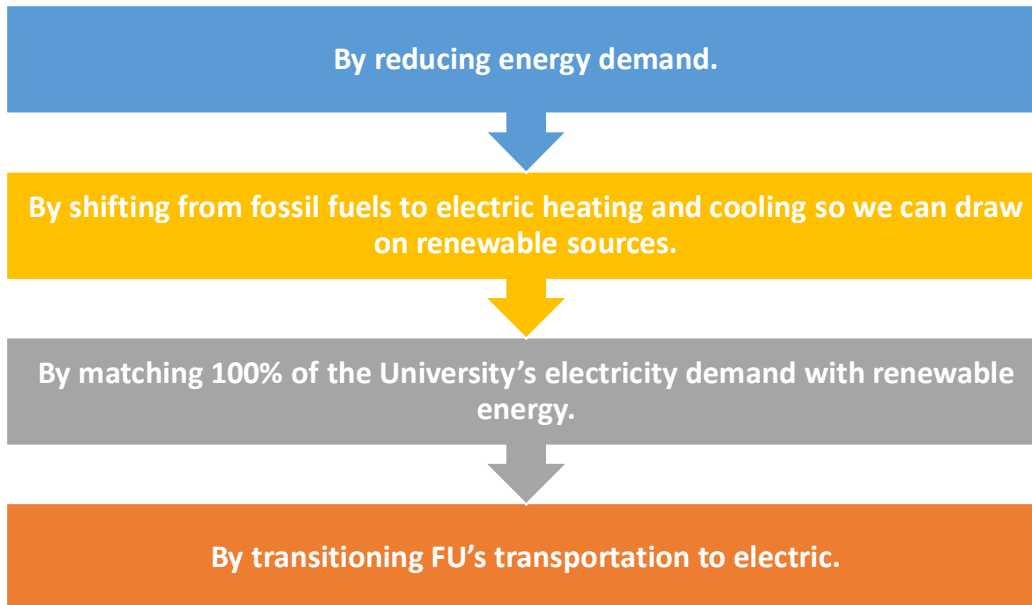
FU sets an ambitious and realistic strategy that places FU in a leadership role locally and nationally, and provides the greatest opportunities for sustained environmental benefits.

Our pledge to become a net zero carbon campus means making significant and rapid changes to reduce carbon emissions to the lowest amount. We've set a target to reach net zero scope 1 and 2 carbon emissions from our buildings by 2030, and are committed to getting scope 3 emissions to net zero as soon as possible.



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- **How will we get there?**



FU Energy Usage

▪ FU Total Energy Used	12439 GJ
▪ FU Total energy used from low-carbon sources	621 GJ

Reporting

The University will make available on an annual basis an impact report highlighting how the University is working to meet the framework set out within the Sustainable Climate Change Policy.

Review and Update

The Sustainable Climate Change Policy is reviewed on an ongoing basis by the University.

Effective Date and Approval



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This Policy is effective January 1, 2016. Last reviewed and updated Jan 1, 2022.