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## CLIMATE ACTION SUMMARY

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### RECOMMENDATIONS OF THE CLIMATE ACTION FOR FUTURE UNIVERSITY IN EGYPT CLIMATE ACTION

- **Introducing FUE**

**FUE Mission**

*“Future University in Egypt (FUE) is an educational institute committed to distinction, innovation, and quality standards. FUE’s priority is to stay abreast with the national, regional and international changes taking place in the interrelated fields of education, scientific research and community development, while consolidating values and professional ethics.”*

The Mission Statement of Future University in Egypt (FUE) affirms a commitment to “an atmosphere that values intellectual curiosity and the pursuit of knowledge while preserving academic freedom and integrity”. FUE is thus committed to creating environments where freedom of inquiry occurs in a climate of inclusiveness and civility. Central to this commitment is the principle of treating each member of the University community fairly and with respect. To encourage such behavior, FUE prohibits discrimination, disrespect, and harassment and provides equal opportunities for all community members regardless of their race, color, religion, ethnic origin, ancestry, medical condition, marital status, gender or age. Where actions are found that violate this standard, the University will take prompt action to end the offending conduct, prevent its recurrence, provide corrective training, and, when necessary, discipline those responsible.

**Community Engagement**

FUE became a member of *UN global Compact* to advance the frontiers of knowledge and to serve society through education and research. The UN Global Compact is the world's largest corporate citizenship and sustainability initiative. Since its official launch on 26 July 2000, the initiative has grown to more than 12,000 participants, including over 8,000 businesses in approximately 145 countries around the world.



The Global Compact involves key social actors such as companies, whose actions it seeks to influence Governments, labor, and civil society organizations, and the United Nations as an authoritative convener and facilitator.

In addition, FUE is a member in the *Higher Education Sustainability Initiative* (HESI) (<https://partnershipaccelerator.netlify.app/hesi/>), which is an open partnership between several United Nations entities and the higher education community launched in the lead-up to the Rio+20 Conference in 2012. Through its strong association with the United Nations, HESI aims to provide higher education with an interface between higher education, science, and policy making by raising the profile of higher education’s sector in supporting sustainable development, convening multi-stakeholder discussions and action, and sharing best practices. It is currently chaired by the United Nations Department of Economic and Social Affairs (UN DESA). Other UN partners include UNESCO, UN Environment Program, UN Global Compact’s Principles for Responsible Management Education initiative, UN University, UN-HABITAT, UNCTAD, UNITAR, and UN Office for Partnerships.

FUE participated in the Race-to-Zero for Universities and Colleges, which committing the participants to the Race to Zero criteria and to have one year to develop targets and plans. The Race to Zero criteria is set by an Expert Peer Review Group, which comprises scientific and technical experts from around the world. The first Higher Education Climate Connection roundtable organized by the British Council and committed to Race to Zero criteria held on October 2021 and led by the high-level climate champion for climate action - Nigel Topping.



*Race-to-Zero for Universities and Colleges*

Also, in October 2021, FUE participated in the virtual roundtable to discuss the challenges of achieving food and water security with a number of distinguished guests. Along the same line, in April 2022 FUE invited, joined and participated in the ***African Green Universities and Youth Education Network*** (AGUYEN), hosted at the Hassan II International Center for Environmental Training (Centre), the academic entity of the Mohammed VI Foundation for Environmental Protection chaired by Her Royal Highness Princess Lalla Hasnaa has for

objective to promote the integration of environment, low carbon-climate resilience development strategies and elements of sustainability in higher education institutions and youth networks, while seeking to improve the skills and behaviors of future generations. This initiative aims to strengthen collaboration between universities and youth networks integrating research, innovation and sustainability in their strategies to advance good for sustainable development. Currently, this network includes 22 universities from 8 African countries (Morocco, Tunisia, Mauritania, Comoros, Senegal, Ivory Coast, Kenya, Uganda). The network is an initiative carried out by the Center in partnership with the United Nations Environment Program (UNEP).

In September 2022, FUE participated to a policy conference on Health, Food, and climate change which brought together UK and Egyptian scientists to author two policy briefs on *Health and climate change* and *Food, agriculture, and climate change*. The conference is organized by the Academy of Scientific Research and Technology in partnership with the British council in the framework of the Climate Connection Egypt program and aims to promote knowledge-exchange and discussion around policy briefs before submitting to COP27.

In October 2022, FUE invited by the British Embassy and the British Council to participate in the event “1 Month to COP27”, which was held in the Garden of his excellency the ambassador to Egypt Gareth Bayley residence

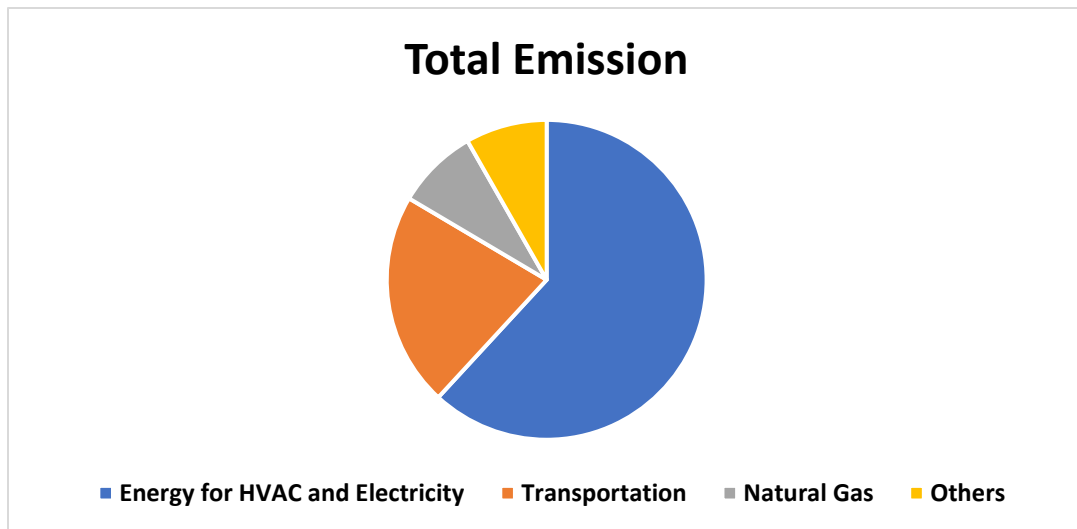


- **FUE Climate Action**

FUE adopted several axes and wide range of programs, plans, and projects towards Net Zero Carbon which include, and not limited to,

<h2 style="margin: 0;">Toward Net Zero Carbon</h2>	Increasing the faculty members and professional staff in climate change adaption to improve the teaching, learning, and training both in virtual and face-to-face.
	Encourage student mobilities to achieve climate resilience internationalization and resilience practice.
	Encourage student organizations to support the sustainability.
	Adopt climate action principles and framework towards Zero-Carbon FUE.
	Help to bring voices to the UNFCCC COP 27, which will be held in Egypt 2022.

Electricity in campus and student dorms, natural Gas, FUE Buses, and fleet are the main University’s direct emissions. Other emissions from transportation (students, staff) and waste disposal, which are considered indirect emissions, are also countable but difficult to control.



*FUE adopted several strategic goals targeting sustainability and emission reduction such as:*

- Powering the campus building with renewable sources such as solar panels and shifting from fossil fuel.
- Incorporate the concepts of sustainability into the programs and curricula.
- Reduce the energy consumption and waste:
  - Replacing the less efficient lamps and bulbs (halogen, incandescent, fluorescent) with high-performance LED lamps.
  - Provide and installing lighting controls and occupancy sensors.
  - Provide the necessary notifications and signs to turn off the lights and other electricity equipment when no use.
  - Upgrade the efficiency of the HVAC system by maintaining the insulating pipes to ensure that there is no leakage.
  - Improving the maintenance process of the existing air-conditioning systems.
- Organize campaigns and events, deliver workshops and training, and implement community projects with parties to increase the awareness of sustainability.
- Increase the collaboration, participation and networking in international forums and conferences for universities committed to environmental sustainability.
- Encourage the FUE people to follow the policies and procedures in their daily work routine.
- Improving the recycling program to be more effective.





*FUE replaced the less efficient lamps and bulbs with high-performance LED lamps*



*FUE Students organize all-year activities toward the net-zero Carbon*

- <https://www.fue.edu.eg/Article.aspx?AID=4621&WID=1>
- <https://www.fue.edu.eg/Article.aspx?AID=5059&WID=1>
- <https://www.fue.edu.eg/Article.aspx?AID=4627&WID=1>