



THE AMERICAN
UNIVERSITY IN CAIRO



CARBON 2020 FOOTPRINT

WHAT IS A CARBON? FOOTPRINT ■

The carbon footprint is a tool to assess the impact of an organization or activity on the environment by measuring the amount of greenhouse gases — the main contributor to global warming — it emits into the atmosphere each year.

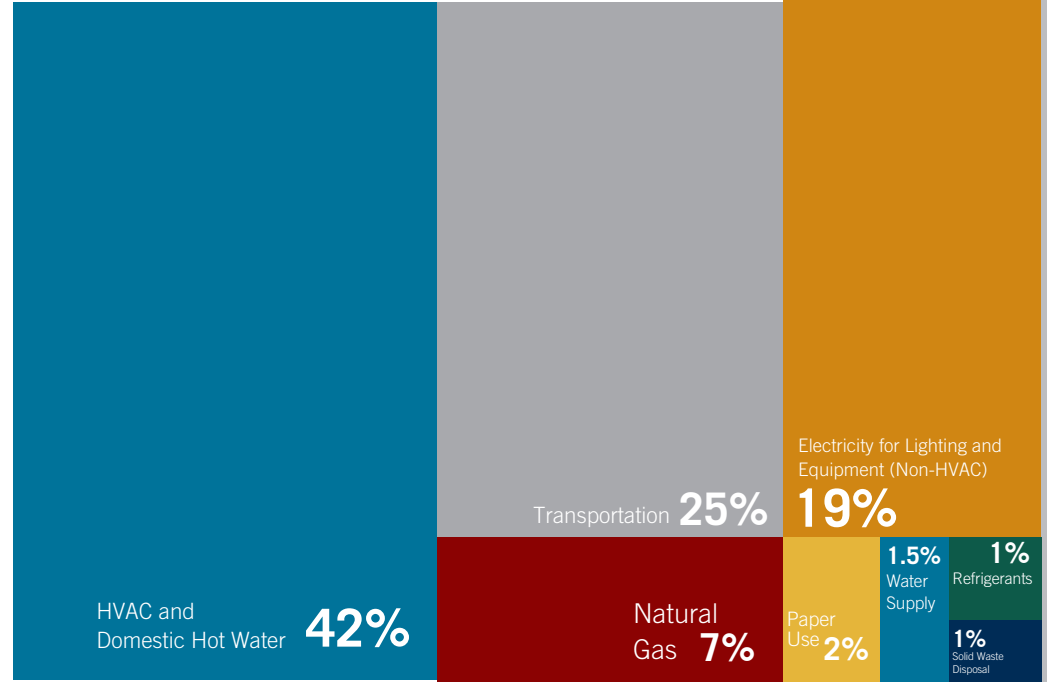
At AUC, the main contributors to greenhouse gas emissions are heating, ventilation and air conditioning (HVAC) and domestic hot water, transportation and electricity for lighting and other equipment (non-HVAC). Other minor contributors are emissions from refrigerants, paper use, water supply, solid waste disposal, natural gas for domestic and lab use and fertilizers.

The University's carbon footprint estimates the quantities of greenhouse gases emitted into the atmosphere as a result of its operations, such as providing the campus with the water and electricity needed for the use of students, faculty and staff. The carbon footprint is expressed in metric tons of carbon dioxide equivalent (MTCO₂e).

AUC'S AY2019 CARBON FOOTPRINT

46,553.5 metric tons of carbon
dioxide equivalent
(MT CO₂e)

For more detailed information regarding the University's carbon footprint, please see the Office of Sustainability's webpage for all previous reports.



ACADEMIC YEAR
2019

DID YOU KNOW

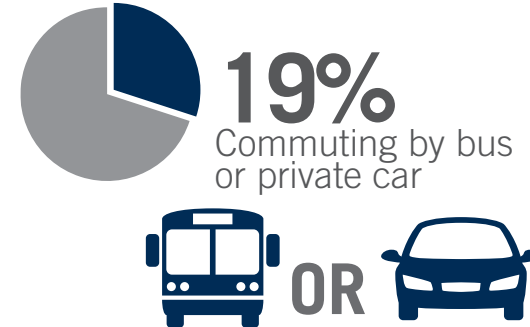
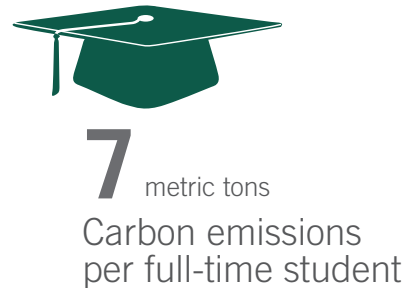
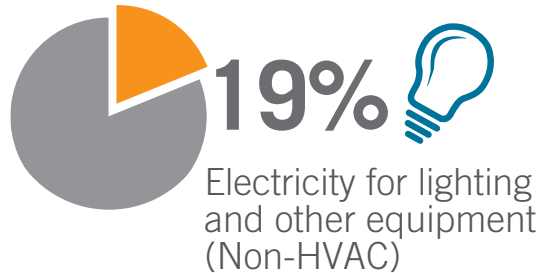
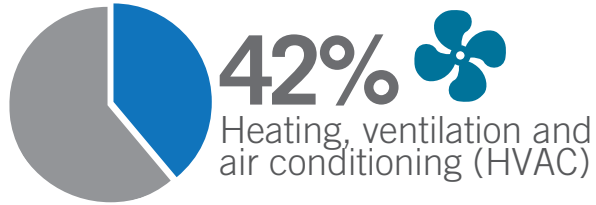
46,553.5  metric tons of carbon dioxide equivalents

= 107,781  barrels of oil burned

carbon sequestered by growing

= 769,772  trees for **10 years**

BREAKING DOWN AUC'S CARBON FOOTPRINT



Looking to the Future

By calculating our carbon footprint every year, we can identify areas in which we can reduce our emissions. There is a lot more AUC can do to limit global warming and climate change.



1

Expand solar power usage on campus

2



Develop the bus system to include new times and routes

5



Adjust temperature settings to reduce overcooling and overheating

6



Turn off lights and unplug electronics when not in use

8



Conserve water with shorter showers

9



Implement on-campus composting

10



Develop an Eco-Rep program to monitor sustainability in student spaces

3

Walk, cycle, use public transportation or carpool to campus



4



Keep doors closed when heating or air conditioning is in use

7



Use email or print double-sided only

11

Establish recycling sorting stations inside the buildings



Message from the Sustainability Officer

Dear AUC Community,

For the past century, AUC has been at the forefront of cutting-edge science and groundbreaking humanities research. However, as we know so well in Egypt, a land of rich and varied history, we cannot move forward without pausing to look back. For the past nine years, our carbon footprint has allowed us to do just that. Each year, we can see just how much impact we as students, educators and AUC community members have on our environment. Today, with the publication the University's carbon footprint data for the ninth consecutive year, we are proud to continue our tradition of developing, implementing, testing and assessing workable solutions to the challenges facing sustainable development in Egypt's special environment.

In all we do here at AUC, we always strive to aim higher and do better. As we take pride in our achievements, let's approach the future with a renewed commitment to reducing our environmental impact and protecting our planet for the benefit of all its inhabitants.

Yasmin Mansour

Sustainability Officer

The American University in Cairo



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To learn more about the Office of Sustainability, visit
aucegypt.edu/about/sustainable-auc/sustainable-campus