The black pyramid represents the volume of greenhouse gases emitted by AUC in the 2017 academic year. It is roughly five times the volume of the three pyramids in the Giza complex combined.
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 cause of global warming – emitted into the atmosphere each year.

At AUC, the main contributors to greenhouse gas emissions include heating, ventilation and air-conditioning (HVAC); domestic hot water; transportation; lighting; and electrical equipment. Other contributors are natural gas, water supply, refrigerant leakage, paper use and solid waste disposal.

The University’s carbon footprint estimates the quantities of greenhouse gases emitted into the atmosphere as a result of its direct operational emissions, such as electrifying the campus and indirect emissions, which include commuting by faculty, students and staff. The carbon footprint is expressed in metric tons of carbon dioxide equivalent.

WHAT IS A CARBON FOOTPRINT?

See the Office of Sustainability’s last published Carbon Footprint Report, from 2017, for more detailed information.

AUC’S AY2017 CARBON FOOTPRINT

See the Office of Sustainability’s last published Carbon Footprint Report, from 2017, for more detailed information.
DID YOU KNOW

2017 - 2018 ACADEMIC YEAR

44,171 metric tons of carbon dioxide equivalents

= 102,265 barrels of oil burned

carbon sequestered by growing 8,112 trees for 10 years

BREAKING DOWN AUC'S CARBON FOOTPRINT

45% Heating, ventilation and air conditioning (HVAC)

21.4% Commuting by bus or car

7.6 metric tons Carbon emission per full-time equivalent student

19% Electricity used for lighting and powering equipment

8,112 Commuters driving cars to campus

19% Electricity used for lighting and powering equipment

19% Electricity used for lighting and powering equipment
AUC managed to reduce its carbon footprint by about 2,000 MTCO2e this year. That’s exciting progress, but we still need to do more to limit the effects of climate change. **What can we do?**

1. **Expand solar power usage**
2. **Develop the bus system to include new times and routes**
3. **Carpool to campus**
4. **Keep doors closed at all times**
5. **Adjust temperature settings to eliminate overheating and overcooling**
6. **Turn off lights/electronics when not in use**
7. **Think before you print and print only two-sided**
8. **Conserve water**
9. **Implement on-campus composting**
10. **Form a sustainability student team to patrol campus and target high emitters**
11. **Expand usage of the recycling sorting stations**

**Looking to the Future**

Dear AUC Community,

For nearly a century, AUC has been at the forefront of cutting-edge science and groundbreaking humanities research. But as we know so well in Egypt, a land of rich, varied history, we cannot move forward without pausing to look back.

For the past six 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.

This year brings some exciting news: we have reduced our carbon footprint since last year! While this is certainly an achievement to celebrate and a chance to commend the dedication and effort of many across campus, it is not a time to rest. We should take this momentum and carry it forward.

In all we do here at AUC, we strive to always 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