The transparent section of the AUC Library (more than 40 percent of the building volume) represents the volume of greenhouse gases (principally carbon dioxide) emitted by AUC per day in the academic year 2015.

September 1, 2014 - August 31, 2015

to learn more about Office of Sustainability, visit

aucegypt.edu/about/sustainable-auc/sustainable-campus
ONE DAY OF AUC EMISSIONS

CARBON FOOTPRINT
It 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 are heating ventilation and air conditioning (HVAC), transportation, electrical equipment, refrigerant leakage, water supply, domestic hot water, lighting and solid waste disposal.

The University’s carbon footprint estimates the quantities of greenhouse gases being emitted into the atmosphere as a result of its normal operations, including operating the campus and commuting by faculty, students and staff. It is expressed in metric tons of carbon dioxide equivalent.
AUC’s Ay2015 Carbon Footprint

42,808 metric tons of carbon dioxide equivalent

Information collected for AUC’s forthcoming Spring 2017 Carbon Footprint Report, a project of the Office of Sustainability.
2015 ACADEMIC YEAR

DID YOU KNOW

FACTS ABOUT AUC’S CARBON FOOTPRINT

42,808 metric tons of carbon dioxide

= 99,553 barrels of oil burned (30.4 million liters of oil)

carbon sequestered by growing trees for 10 years

= 1,097,642 trees for 10 years
Commuters driving cars to campus

- 39% Heating, ventilation and air conditioning (HVAC)
- 30% Commuting by bus or car
- 19% Electricity used for lighting and powering equipment
- 11% Car drivers carpooling to AUC
- 7.1 metric tons Carbon emission per AUC student
- 11,477 metric tons Commuters driving cars to campus

aucegypt.edu/about/sustainable-auc/sustainable-campus
1. Share rides with friends
2. Turn off lights before you leave
3. Ride the bus to campus
4. Turn off electrical equipment when not in use
5. Fill up on water from the water fountain
6. Only put empty plastic water bottles in the plastic recycling bins
7. Do not heat or cool spaces that are not being used
8. Think before you print – use both sides of the paper
9. Bring your own thermos for coffee at campus cafes
10. Reuse unfinished notebooks for the next semester
Dear AUC community,

Since the establishment of the Office of Sustainability in 2011, The American University in Cairo has accomplished great strides in improving its energy efficiency to manage a campus of more than 6,000 students in a desert climate. Egypt ranks among the top 10 countries in the world that are most susceptible to climate change, which makes AUC’s emphasis on sustainability especially timely. Today, with the publication of the fifth continuous year of the University’s carbon footprint data, we are proud to continue our tradition of developing, implementing, testing and assessing workable solutions to the challenges of sustainable development in Egypt’s special environment.

This project is part of the first attempt in the region to measure a University’s impact on climate change. Although the data is informative, effectively combating climate change requires the effort of individuals. We hope that the results in this pamphlet will educate, encourage and inspire the AUC community to incorporate sustainable practices into their everyday lives.

Brian MacDougall
EVP for Administration and Finance
The American University in Cairo