

## **The Assiut University green buildings policy**

**Purpose:** Assiut University adopts a comprehensive approach to green and sustainable building methods. This policy confirms that all campus development construction projects, including new construction, renovations, and landscaping, promote and support the preservation of local biodiversity.

**Scope:** Assiut University is committed to applying green architecture and sustainability standards through open spaces, green areas, and buildings. The university is characterized by its infrastructure standards and risk management.

According to the Engineering Consultant of the Assiut University, the open spaces throughout the various faculties of the campus, which cover an area of 1,680,000 m<sup>2</sup>, with nearly 82% of the campus dedicated to open spaces. For example, the Faculty of Education comprises 93% open space, while parking lots account for approximately 3.7% of the total area. The university also features extensive green coverage or green areas, which provide supportive environments for students, staff, and all university members.

The university strives to protect its infrastructure through maintenance contracts, an annual contractor agreement, and specialized maintenance contracts. Moreover, the university ensures proper risk management in each faculty and emergency services, providing designated areas for safe exits in case of danger. The buildings are designed to meet this standard, including an external emergency exit staircase in the university's administrative building. The implementation of green initiatives at Assiut University, such as site sustainability through replacing existing shelters with wooden ones to align with the environment. Wood recycling, wall insulation, and appropriate environmental treatments in the internal

courtyards of faculties are also carried out. Additionally, the building facades are equipped with insulating bricks to reduce air conditioning use, and water conservation is practiced through sprinkler irrigation.

Furthermore, Assiut University's commitment to separating hospital sewage from the main university sewage system, providing natural ventilation in buildings, and avoiding reliance on artificial ventilation without external windows. These procedural steps are supported by the university administration to achieve the goal of becoming a sustainable green university, characterized by environmental awareness and aligned with global sustainability standards, emulating universities worldwide.