

People's Democratic Republic of Algeria
Ministry of Higher Education and Scientific Research
University of El Oued



Directorate of Development and Foresight

Sustainability Policy and Climate Action

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Policy Statement

The University of El Oued believes that higher education bears a primary responsibility in addressing environmental and climate challenges. It is committed to being a leading model in Algeria by adopting sustainable practices, promoting climate-related scientific research, and engaging its academic and local communities in building a more sustainable future. This policy aligns with the United Nations Sustainable Development Goals (SDGs), particularly SDG 7 (Affordable and Clean Energy), SDG 13 (Climate Action), and SDG 15 (Life on Land).

Vision

To become the first Algerian university to achieve carbon neutrality on its campus by 2035, while strengthening its position as a hub for research and innovation in sustainability and climate change adaptation.

Main Objectives

1. Reducing Carbon Emissions:

- Reduce greenhouse gas emissions from university activities by 20% by 2030 and 40% by 2035 compared to 2025 levels.
- Identify the main emission sources (e.g., electricity consumption and transportation).

2. Renewable Energy:

- Install 500 kW solar panels to cover 25% of energy needs by 2028.
- Replace 90% of diesel generators with clean energy systems by 2030.

3. Education and Research:

- Integrate sustainability topics into 50% of curricula across all faculties by 2028, focusing on scientific and engineering disciplines.
- Fund 10 research projects annually targeting solutions such as sustainable agriculture in desert regions, water resource management, and renewable energy.

4. Community Engagement:

- Organize 5 annual awareness initiatives, including public lectures, workshops, and tree-planting campaigns, with participation of at least 1,000 students per year.
- Launch the "Green University" program to plant 5,000 trees around the campus by 2030.

Policy Commitments

1. Institutional Sustainability

1.1. Energy Management:

- Replace all traditional lighting with energy-efficient LED lighting in 100% of buildings by 2025.
- Install smart air-conditioning systems with motion sensors in 50% of classrooms by 2027.

1.2. Waste Management:

- Establish an on-campus recycling station by June 2030 to process paper and plastic, aiming to recycle 50% of waste.
- Reduce single-use plastic consumption by 75% in cafeterias and offices by 2026.

1.3. Water Management:

- Install rainwater harvesting systems in 5 main buildings by 2028 for use in irrigation and sanitation.
- Reduce water consumption by 15% through pipe maintenance and water-saving faucets by 2025.

2. Education and Research

○ Education:

- Organize training courses for 50 faculty members annually on integrating sustainability into teaching, in collaboration with environmental experts.

○ Research:

- Establish the Sustainability Research Center at the University of El Oued by 2027, equipped with modern laboratories.

- Allocate significant financial grants for each research project focusing on climate adaptation or green technology development.
- Publish 30 climate-related research papers annually in international journals.

3. Transparency and Governance

- **Climate Action Committee:**
 - Composition: Vice President for Scientific Affairs (Chair), Head of the Financial Department, one representative from each faculty (4 members), a student representative, and an external environmental expert.
 - Meets every two months to review progress and submit recommendations to the board of directors.
 - Conduct an annual external audit by a company accredited by the Algerian Ministry of Environment.

4. Collaboration and Engagement

- **Partnerships:**
 - Collaborate with the Algerian Ministry of Higher Education and Scientific Research to develop a national sustainability strategy for universities.
- **Local Community:**
 - Organize annual tree-planting campaigns with the El Oued municipality to plant 1,000 drought-resistant trees per year.
 - Offer free training courses to 200 local farmers on smart irrigation and sustainable agriculture by 2026.

5. Implementation Measures

- **Initial Assessment:**
 - Conduct a comprehensive survey of energy, water, and waste consumption by January 2025, with assistance from a team from the Faculty of Science and Engineering.