



University : Northern Technical University  
Country : Iraq  
Web Address : <https://www.ntu.edu.iq>

## **SDG 7.2: University measures towards affordable and clean energy**

### **7.2.1 Does your university as a body have a policy in place for ensuring all renovations / new builds are following energy efficiency standards? (Relevant standards to be indicated)**

Northern Technical University has a policy and is explained below in detail

#### **Policy Description**

Northern Technical University (NTU) has developed an Energy and Climate Change Policy that aligns with international sustainability goals, particularly the United Nations Sustainable Development Goal 7, which aims to ensure access to affordable, reliable, sustainable, and modern energy for all by 2030. NTU's comprehensive set of policies is designed to tackle the challenges of energy consumption and climate change, focusing on energy conservation, renewable energy utilization, and greenhouse gas reduction. This policy includes a variety of strategies aimed at promoting energy-efficient technologies, transitioning to cleaner energy sources, implementing sustainable building practices, and investing in renewable energy.

To uphold its commitment to energy conservation and combat climate change, NTU has established a Sustainable Development Unit dedicated to ensuring adherence to energy conservation guidelines within designated buildings while fostering a culture of energy awareness and sustainable practices throughout the university community.

#### **Policy Objectives:**

- 1. Curriculum Integration:** Incorporate energy conservation and management programs into the curricula of educational programs across NTU to cultivate an understanding of sustainable energy practices among students and faculty.
- 2. Capacity Building:** Provide training and capacity-building opportunities for academic staff and experts in sustainable building construction and energy management to enhance the application of sustainable energy practices in relevant projects.
- 3. Research Support:** Encourage and support scientific research and innovations in the fields of energy efficiency and building sustainability, promoting a culture of exploration and advancement within the university.
- 4. Sustainable Construction Facilitation:** Facilitate sustainable building construction through expert consultancy, ensuring projects adhere to best practices in energy efficiency.



5. **Innovative Funding Mechanisms:** Promote the development of innovative financing solutions for energy efficiency initiatives, energy transition projects, and consumption reduction strategies.
6. **Adoption of Energy-Efficient Technologies:** Commit to the adoption of energy-efficient equipment, processes, and systems, such as LED lighting, solar-powered air conditioning, and smart energy management technologies throughout the university.

### **Policy Main Plans:**

1. **Construction Governance:** This policy governs all construction activities undertaken by Northern Technical University, ensuring they align with sustainability principles.
2. **Carbon Emission Reduction Commitment:** NTU is dedicated to reducing carbon dioxide emissions by 50 million kilograms annually by 2030.
3. **Renewable Energy Target:** The university aims to achieve 70% renewable energy usage across its campuses by 2030.
4. **Awareness Promotion:** Continually promote energy conservation and management awareness among students and staff, supporting ongoing efforts for climate change mitigation and sustainability.
5. **Compliance with Regulations:** Ensure adherence to applicable building codes, fire code regulations, accessibility standards, best practices, and zoning regulations when planning, constructing, and implementing new facilities.
6. **Campus Space Management:** Manage and renovate all campus spaces in compliance with policies and procedures established by relevant committees, including the Campus Planning Committee, University Space Committee, and University Safety Committee.
7. **Engagement of Licensed Professionals:** Engage qualified experts and professionals to design and oversee the construction of sustainable buildings, ensuring adherence to industry standards.
8. **Carbon-Intensive Partnerships Avoidance:** Actively avoid partnerships with entities that are heavily dependent on fossil fuels or that contribute significantly to carbon emissions, thereby supporting international carbon reduction efforts.

By implementing this Energy and Climate Change Policy, Northern Technical University demonstrates its dedication to fostering sustainable practices that benefit the campus community and the environment, paving the way toward a more sustainable future.

<https://ntu.edu.iq/climate-action-policy/>