



Sustainable Development Goals



Affordable and Clean Energy

7 AFFORDABLE AND CLEAN ENERGY



Energy is a fundamental element in every challenge and opportunity the world faces today, whether it's creating jobs, securing safety, addressing climate change, producing food, or increasing income. Access to energy is essential for everyone, and working towards this goal is crucial as it is closely linked to other Sustainable Development Goals. To build more inclusive, sustainable, and resilient communities in relation to environmental issues such as climate change, it is vital to focus on providing universal access to energy, improving its efficiency, and utilizing renewable energy through the creation of new jobs and economic opportunities.

College of Health and Medical Technologies

The Department of Dental Technology at the College of Health and Medical Technologies, Alnoor University, organized a scientific lecture entitled *“The Role of Renewable Energy in Achieving Sustainable Development.”* The lecture was supervised and delivered by Assistant Professor Dr. Jameel Mohammed Amin, who presented an overview of the concept of renewable energy, highlighting its main sources, economic dimensions, and its vital role in supporting sustainable development pathways. The lecture also addressed the contribution of renewable energy to achieving the dimensions of sustainable development through presenting the experience of the Federal Republic of Germany as a leading model in this field, illustrating the impact of modern energy policies on enhancing environmental and economic sustainability. The lecture concluded with a review of the current state of renewable energy and sustainable development in Iraq, pointing out the challenges and future opportunities for employing this sector in support of national development.

