

SUSTAINABLE DEVELOPMENT GOALS



7.4.4 Inform and support governments in clean energy and energy efficient technology policy development.

UBT plays an instrumental role in indirectly supporting government policy development for clean energy and energy-efficient technologies through its strong focus on research, innovation, and environmental initiatives. A key example of UBT's contribution is its dedication to SDG 7: Affordable and Clean Energy, demonstrated by the completion of over 106 research projects addressing clean energy and energy efficiency. These research efforts generate critical insights and practical solutions that policymakers can leverage to create impactful and informed policies.

Among the most notable contributions is a groundbreaking study by a UBT faculty member titled "Powering Tomorrow from Your Window Today." This research proposed innovative methods for integrating solar panels into everyday infrastructure, such as windows, to harness solar energy efficiently. The study not only highlighted the feasibility of embedding clean energy solutions into urban environments but also provided a blueprint for scalable and sustainable practices, making it a valuable resource for shaping government strategies on renewable energy adoption.

UBT's influence extends beyond research; the university's excellence in environmental stewardship has earned it significant recognition. The prestigious Makkah Excellence Award in the Environment Category, awarded to UBT by the Makkah Province, underscores its commitment to sustainability. This honor reflects the institution's impact on advancing environmental initiatives and aligns with national priorities for a sustainable future, as outlined in Saudi Vision 2030.

Such endeavors not only enhance UBT's reputation as a leader in sustainability but also serve as a foundation for government policies aimed at reducing carbon footprints, increasing energy efficiency, and promoting renewable energy sources. By providing data-driven insights, innovative models, and practical solutions, UBT ensures that its research and initiatives have a tangible impact on policy development, advancing the kingdom's clean energy agenda and contributing to global efforts to combat climate change.

