

# SUSTAINABLE DEVELOPMENT GOALS



**7.2.2 Have plans to upgrade existing buildings to higher energy efficiency ?**

**At UBT, our commitment to energy efficiency and sustainability is evident in our new campus, where we have integrated a state-of-the-art Building Management System (BMS). This advanced system uses light and heat sensors to monitor and control energy and lighting consumption throughout the building, adapting to occupancy and environmental conditions in real time. By intelligently managing lighting and temperature, the BMS significantly reduces unnecessary energy use, aligning with UBT's Energy Policy to minimize waste and promote sustainable practices (See Evidence No.1 , No2).**

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## Building Management System

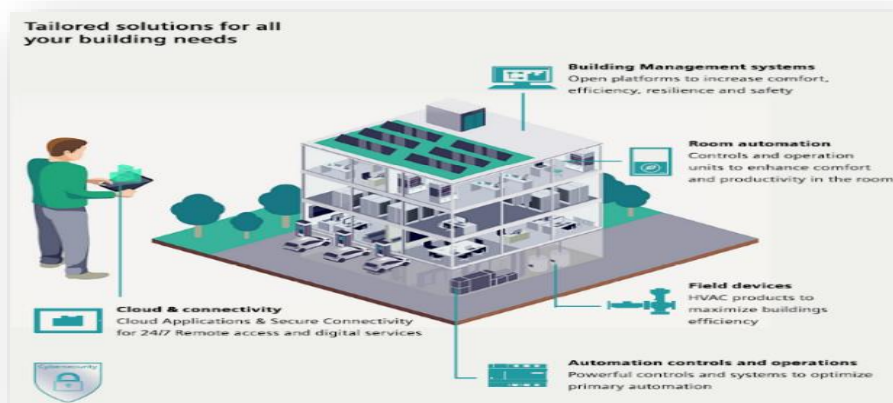
Operate, monitor and manage HVAC, fire, lighting, power management, security, video and third-party systems through one single interface



<https://sabq.org/saudia/3dpwbj>

This integration not only enhances energy efficiency but also reflects UBT's proactive approach to adopting modern, environmentally responsible infrastructure. By implementing these advanced technologies, UBT reinforces its dedication to sustainability, creating a campus environment that serves as a practical example of innovation and responsible energy management.

UBT's



commitment to sustainability extends beyond new constructions; we are actively working

to upgrade older buildings to meet modern energy efficiency standards. Currently, the university is in the process of installing light sensors in these older buildings. This initiative will begin with a pilot study to assess the impact on energy consumption, allowing us to measure the potential reduction in energy use. Based on the study's results, UBT will develop a comprehensive plan for integrating these sensors across the entire campus (See evidence No 2).

This phased approach not only ensures effective implementation but also aligns with UBT's strategic commitment to sustainable practices, gradually transforming our facilities to reduce waste and optimize energy usage. By combining proactive measures in both new and existing buildings, UBT exemplifies a holistic approach to energy management and sustainability.

