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SDG 11: SUSTAINABLE CITIES AND COMMUNITIES

Khalifa University of Science and Technology advances SDG 11: Sustainable Cities and Communities by delivering research, innovation, and education that support resilient urban development, sustainable infrastructure, and inclusive communities. Through its location in Abu Dhabi and close engagement with Masdar City and national partners, KU plays a strategic role in shaping future-ready cities.

Key Contributions in 2025

1. Research for Sustainable and Smart Cities

In 2025, Khalifa University advanced interdisciplinary research in **smart cities, sustainable buildings, urban energy systems, intelligent mobility, climate-resilient infrastructure, and digital urban solutions**. These research efforts support evidence-based planning and the development of low-carbon, efficient, and resilient urban environments.

2. Campus as a Living Laboratory

KU's campuses function as **living laboratories for urban sustainability**, integrating smart building technologies, energy-efficient systems, water management solutions, and digital monitoring platforms. These initiatives demonstrate practical applications of sustainable urban concepts in real-world settings.

3. Sustainable Mobility and Infrastructure

The University contributes to sustainable urban mobility through research and pilot initiatives related to **electric vehicles, intelligent transport systems, and emissions reduction**. Campus infrastructure planning prioritizes accessibility, safety, and environmental performance.

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4. Community Engagement and Outreach

In 2025, Khalifa University strengthened engagement with schools, communities, and public-sector stakeholders through sustainability awareness programs, educational outreach, and student-led initiatives. These efforts promote environmental responsibility and inclusive participation beyond the campus.

5. Partnerships for Urban Sustainability

KU collaborates closely with government entities, municipalities, industry partners, and international research institutions to co-develop solutions addressing urban sustainability challenges, reinforcing the role of partnerships in achieving SDG 11 outcomes.