11 SUSTAINABLE CITIES AND COMMUNITIES

SDG 11
Make cities and human settlements inclusive, safe, resilient and sustainable

Targets

11.1 By 2030, ensure access for all to adequate, safe, and affordable housing and basic services, and upgrade slums.

11.2 By 2030, provide access to safe, affordable, accessible, and sustainable transport systems for all, improving road safety, notably by expanding public transport, with special attention to the needs of those in vulnerable situations, women, children, persons with disabilities, and older persons.

11.3 By 2030, enhance inclusive and sustainable urbanization and capacity for participatory, integrated, and sustainable human settlement planning and management in all countries.

11.4 Strengthen efforts to protect and safeguard the world's cultural and natural heritage.

11.5 By 2030, significantly reduce the number of deaths and the number of people affected and substantially decrease the direct economic losses relative to global gross domestic product (GDP) caused by disasters, including water-related disasters, with a focus on protecting the poor and people in vulnerable situations.

11.6 By 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality and municipal and other waste management.

11.7 By 2030, provide universal access to safe, inclusive, and accessible, green, and public spaces, particularly for women and children, older persons, and persons with disabilities.

11.a Support positive economic, social, and environmental links between urban, peri-urban, and rural areas by strengthening national and regional development planning.

11.b By 2020, substantially increase the number of cities and human settlements adopting and implementing integrated policies and plans towards inclusion, resource efficiency, mitigation, and adaptation to climate change, resilience to disasters, and develop and implement, in line with the Sendai Framework for Disaster Risk Reduction 2015-2030, holistic disaster risk management at all levels.

11.c Support least developed countries, including through financial and technical assistance, in building sustainable and resilient buildings utilizing local materials.

Opportunities for business transformation with SDG 11

Each and every SDG provides business opportunities. Businesses have a chance to contribute to society and their own bottom line by pursuing the SDGs. The following are the strategies businesses can use to play their role for SDG 11:

- **Promote sustainable urban planning** by focusing on mixed-use development, bike and walkable areas, and open spaces, fostering ecologically benign, socially inclusive, and economically vibrant cities.
- **Invest in renewable energy and energy efficiency** by implementing energy-efficient systems, renewable energy technologies into buildings, and promoting the use of clean energy.
- **Advance sustainable transport solutions** by developing robust public transit networks, adopting electric and hybrid vehicles, and implementing traffic-calming measures
- **Implement green building practices** by promoting resource efficiency, reduce emissions, and promote healthier environments.
- **Adopt circular economy** by extending product useful lives, embracing cooperative consumption, and creating infrastructure for sustainable urban growth.

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Case Study   📍 Malaysia

Background

A Malaysian real estate development company was envisioning creating an ecologically sustainable commercial complex. The objective was to build a pioneering project that follows green building principles, aiming to maximise energy efficiency, foster sustainability, and serve as a prime example of sustainable practises that align with SDG 11.

Challenges

To realise the vision, the company hired BBC, and some of the challenges faced include stakeholder participation, technological complications, and cost-effectiveness in integrating a smart energy management system. They needed to articulate long-term benefits, coordinate technologies, and ensure seamless operations and optimisation.

Solutions

BBC implemented an integrated approach to sustainability, focusing on green building design, renewable energy integration, and a smart energy management system. The system uses IoT sensors, data analytics, and automation for real-time energy optimisation, monitoring, reporting, and training to encourage stakeholder involvement and energy waste reduction.

Impact

A green building with a smart energy management system has considerable beneficial effects on the company and the environment, including increased energy efficiency, reduced carbon emissions, enhanced interior atmosphere, cost savings, and improved leadership and reputation of the company as one of the sector leaders for sustainability.