

# THE SUSTAINABILITY REPORT

## SDG 11



**2023-2024**

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## BACKGROUND

Gulf University is committed to supporting the Kingdom's initiatives towards achieving SDG 11, which is centered on Sustainable Cities and Communities. Through close partnerships with the government and private sector, GU actively works on developing and implementing creative solutions to advance technology, innovation, and infrastructure within urban settings.

By participating in community-driven activities such as organizing Sustainability Week and dedicated one day only for SDG11 activities, showcasing technological innovations, and hosting educational workshops that highlight sustainable infrastructure advancements, GU is actively contributing to shaping a more resilient and technologically progressive future for Bahrain while aligning with the objectives of SDG 11. These collective efforts underscore the university's significant role in promoting sustainable urbanization, fostering innovation, and improving infrastructure to create inclusive and sustainable communities for all.

### GU Sustainability Week | 20<sup>th</sup> -24<sup>th</sup> October 2024 | Gulf University -Bahrain Campus

The “Sustainability Week 2024” organized by Gulf University, Kingdom of Bahrain from the 20th to the 24th of October 2024 was a significant initiative dedicated to promoting sustainable practices aligned with the United Nations' 17 Sustainable Development Goals (SDGs). This event brought together a diverse array of participants, including students, faculty, staff, industry partners, experts, government representatives, and community members. Through a range of activities and initiatives, this event aimed to promote environmental, social, and economic sustainability efforts. By bringing together academia, industry, and the community, Gulf University's Sustainability Week 2024 has made a significant contribution to promoting sustainability in Bahrain and beyond.

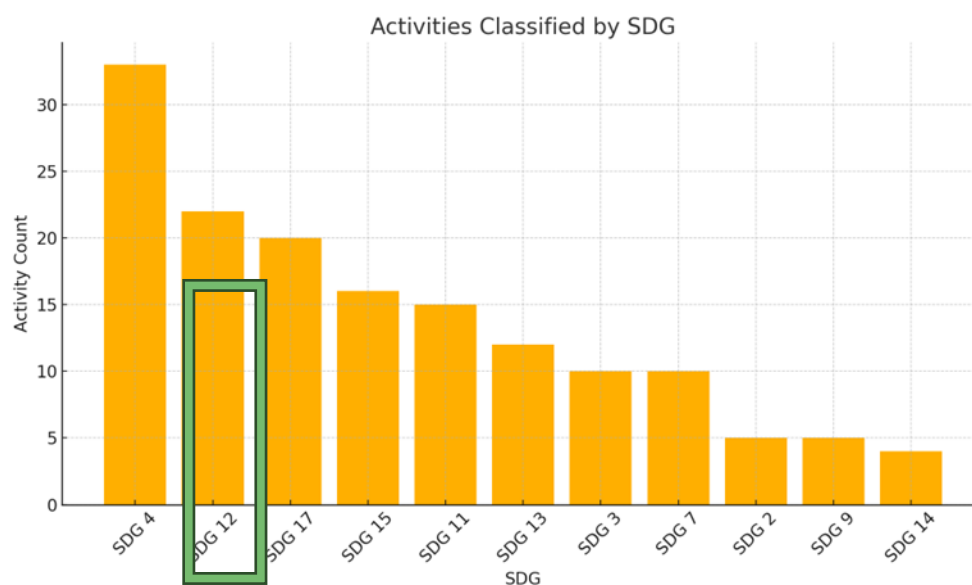
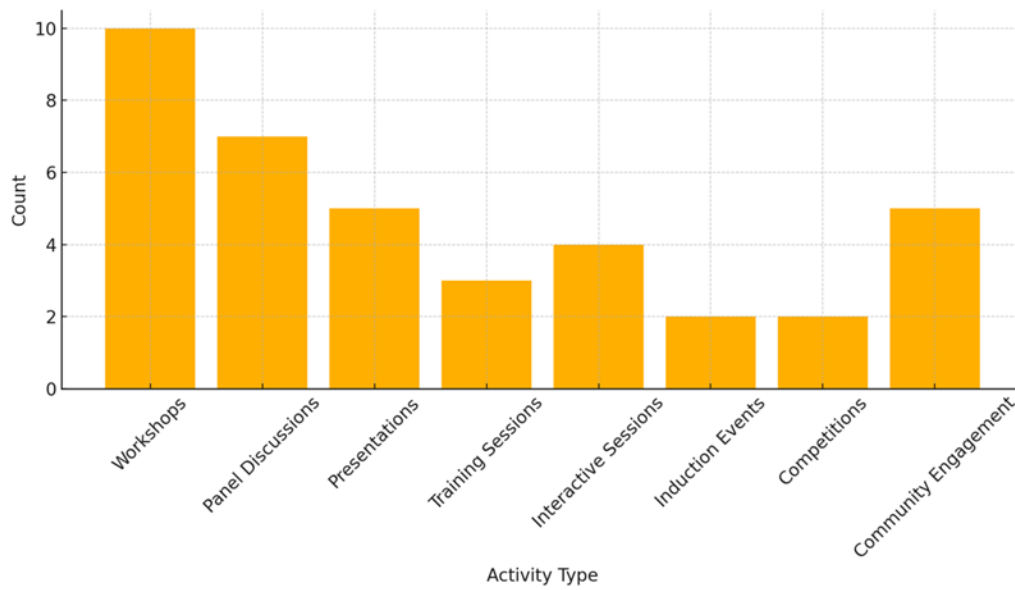
### Activities during Sustainability Week

This section provides an overview of all activities conducted during the Sustainability Week, broken down by type and specific examples.

**Table 1:** GUSW Activities Count

GUSW Activity Type	Count	Topic/Scope
Workshops	10	Energy Conservation, Recycling & Waste Management, Nutrition, Digital Solutions, Clean Energy
Panel Discussions	7	Climate Action, Biodiversity, Circular Economy, Urban Planning
Presentations	5	SDG Overview, Climate Change, Smart Mobility, Urban Design

Training Sessions	3	“AI & Metaversity for Sustainable Development” Workshop, ESG Engagement, Smart Cities
Interactive Sessions	4	Marine Conservation Awareness, SDG Exploration, Tree Planting, Community Wellness
Induction Events	2	Sustainability Club Formation, Campus Clean-Up Challenge
Competitions	2	SDG Quiz, Best Innovative Research/Project Competition
Community Engagement Activities	5	Farmers Market, Potluck Lunch, Tree Planting, On-Campus Clean-Up, Donation Drives
Key Speakers/Panelists	20+	Including representatives from Ministries, KPMG Bahrain, UNIC, Bahrain Science Center



## **Total 15 activities conducted for SDG 11 Sustainability Cities and Communities**

In alignment with SDG 11, Sustainable Cities and Communities, Gulf University organizes a diverse range of activities including workshops, panel discussions, presentations, training sessions, interactive forums, induction events, competitions, and community engagement initiatives. These events feature key speakers and panelists, fostering dialogue and collaboration to drive progress in creating sustainable urban environments and inclusive communities.

### **Day Five: Sustainable Cities, Reflection and Action**

#### **Focus on SDG 11: Sustainable Cities and Communities**



#### ***Activities:***

- Presentations by a Group of Experts on green architecture and sustainable urban design principles.
- Panel discussions on urban planning for resilience.
- Think-tank on urban planning for sustainable cities and communities.
- Guest Speaker session on the importance of clean energy and sustainable infrastructure.
- Workshop on Digital & Smart solutions for sustainable cities and communities.
- AI & Metaversity for Sustainable Development: One Day-based Training Workshop.
- Group discussion on personal sustainability goals and action plans.
- Volunteer opportunities with community partners working towards various SDGs.

### **SMART CITIES TRAINING SESSIONS**

Smart Cities training sessions equipped the participants with the knowledge and skills needed to build and manage innovative, sustainable urban environments. These sessions discussed the wide range of topics, from cutting-edge technologies to policy frameworks and best practices. Below are the themes and modules discussed during the Smart Cities training program:

#### **1. Introduction to Smart Cities**

- Definition and key components of Smart Cities.
- The role of technology in urban transformation.
- Benefits and challenges of implementing Smart City initiatives.

## 2. Core Technologies for Smart Cities

- **Internet of Things (IoT):** Sensors, devices, and networks for real-time data collection.
- **Artificial Intelligence (AI):** Analyzing data for predictive insights.
- **Big Data Analytics:** Handling large volumes of urban data.
- **Cloud Computing:** Scalable infrastructure for Smart City services.
- **5G Networks:** Enhancing connectivity and enabling real-time applications.

## WORKSHOP ON GREEN ARCHITECTURE



Workshop on Green Architecture, urban planning, transportation and smart cities delivered by an expert from a local governmental organization.

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