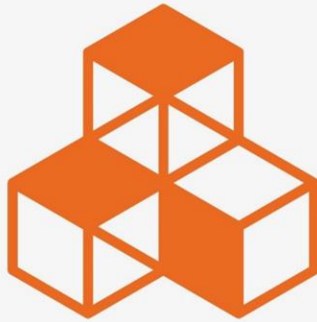


# THE SUSTAINABILITY REPORT

## SDG 9

**9** INDUSTRY, INNOVATION  
AND INFRASTRUCTURE



**2023-2024**

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## **BACKGROUND**

Gulf University is dedicated to supporting the Kingdom's goal in attaining SDG 9, which focuses on Industry, Innovation, and Infrastructure. Through close collaboration with the government and private sector, GU is actively involved in developing and implementing inventive solutions to drive progress in technology, innovation, and infrastructure. By establishing dedicated sustainability centers, such as the Sustainability & Development Makers Center, the Community Engagement and Continuing Education Center, and the Students Sustainability Club. And projects like Sustainable Engineering Hub, startups, and educational workshops emphasizing advancements in sustainable infrastructure, GU is playing a pivotal role in shaping a more technologically advanced and resilient future for Bahrain while contributing to the realization of SDG 9. Through these efforts, the university is making a significant impact towards the global objective of promoting sustainable industrialization, promoting innovation, and enhancing infrastructure development for all.

## **CENTERS AND CLUB THAT COORDINATE SUSTAINABILITY ON CAMPUS**

The Sustainability & Development Makers Center and Community Engagement and Continuing Education Center at Gulf University is dedicated to promoting learning and lifelong learning, encouraging student engagement and collaboration towards sustainability on campus while also increasing awareness among campus residents. The GU Sustainability Club was also established to fasten the process and increase the involvement of the students.

In Bahrain, the need for successful implementation of Sustainable Development Goals (SDGs) is highlighted. The university's Centers conducts comprehensive, multi-disciplinary research at global, national, and local levels, sharing insights and enhancing analytical capabilities. Their aim is for Bahrain to achieve the SDGs by 2030, with a mission that includes providing evidence-based policy recommendations, monitoring progress, integrating the SDGs into mainstream practices, and fostering dialogues.

The Sustainability and Development Makers Center at Gulf University, initiated range of plans, actions and projects towards SDGs in the following core areas, in alignment with GU strategic plan & direction:

- Operations and environment
- Community engagement
- Research and innovation
- Education/Knowledge sharing
- Capacity building

## SDG Initiatives

Gulf University SDG Initiatives are as follows:



Sustainability and Development Makers Center



Community Engagement and Continuing Education Center

Abdulla Imad  
Sustainability Club Students Structure and Details  
To: Dr. Tanvir Hussein,  
Cc: Dr. Omar Bilbech

Dear Dr. Tanvir,  
Greetings,

As per your request, please find attached the structure of the Sustainability Club, including details and photos of the student members.

Thank you for your ongoing support and guidance.

Kind Regards,

Abdulla Imad  
GULF UNIVERSITY

Abdulla Imad  
Head of Student Services Unit  
Student Services Unit  
(T)17626992 ext. 311 - (M)



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Sustainability club.  
members info.docx

## University leader decree of establishment, structure and Club members, Gulf University

The Community Engagement Centre vows to cultivate a culture of community engagement through constructive community partnership. The center promotes knowledge and experience sharing for continuous learning of our students, graduates and larger community and impactful services for the community based on the identified needs. The center supports meaningful collaboration with industry and academia underpinned by the principle of social responsibility and sustainable development.



**Sustainability Club Members with Faculty members**

## **Sustainable Engineering Hub Project | Gulf University Campus**

### **The Approach**

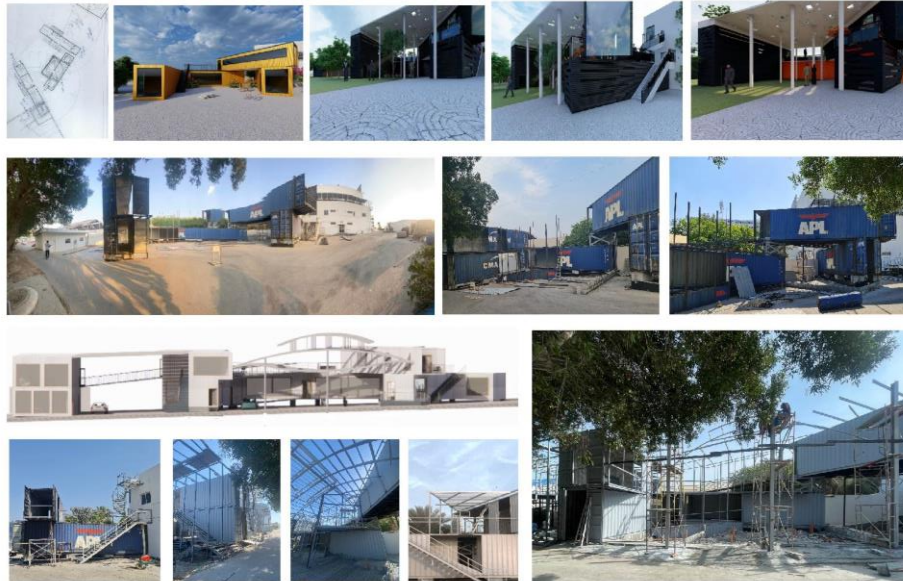
An innovative space with multidisciplinary and collaborative work environments, formal and informal experiential learning environments to co-think, co-create and co-develop initiatives, actions and alternatives in alignment with university vision towards Lifelong Learning and Sustainable Development Goals. is developed via a collaborative work involving both engineering staff and students. The design development considers a 3Rs approach where overall project components, structures and materials promote a life cycle extension process, aligned with university initiatives for climate actions. The progression of the designed environment with recycled shipping containers supports a well-established real-life observation for campus habitants, raising their awareness towards sustainable development and the role of community engagement in a higher education institution, revealing how small actions can lead to big changes.

### **The Development Process**

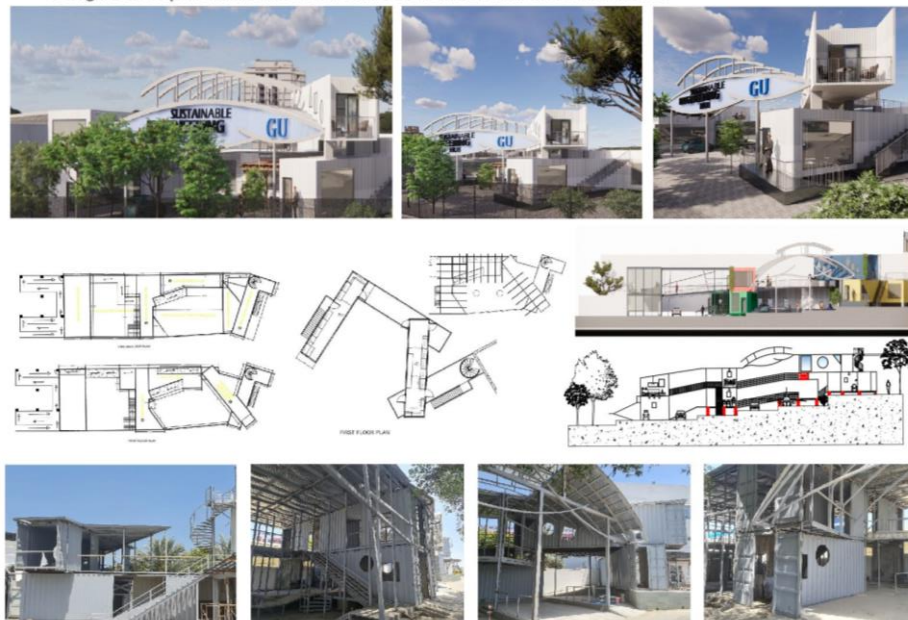
The design of the Sustainable Engineering Hub refers a well-established process where both pre-design development phase and design development phase were considered with reference to relevant conceptual and technical approaches in regard of the architectural reuse of shipping containers to create living, working and studying environments. Additionally, within the pre-design phase, range of environmental and life cycle studies were deployed with reference to international similar projects in the context of Higher Education institutions or other applications and contexts. The design development examined such trendy

sustainable solutions in terms of feasibility and viability to initiate designing the Hub Project using five 40ft old shipping containers, exploring all functional and aesthetic alternatives with a focus on their environmental aspects, qualities and impact on campus habitants experience, thinking and awareness towards sustainability... As a way to think globally and act locally...

Initial Design & Site Progression



Design Development, Architectural Plans, 3D Renders and Execution Phase:



**GRADUATES WITH GREEN JOBS (FOR THE LAST 3 YEARS)**

<b>Academic Year</b>	<b>Faculty/Department</b>	<b>Total Graduates</b>	<b>Graduates With Green Jobs</b>	<b>Description Of Green Jobs</b>	<b>Data Source</b>
2021/2022	Accounting & Finance	27	3	Sustainability Accountant, Sustainability Auditors	Alumni Database
2021/2022	Human Resource	51	5	Sustainability HR Generalist; Talent Acquisition, Sustainability Compensation & Benefits Specialist	Alumni Survey
2021/2022	Interior Design Engineering	16	6	Sustainable Interior Designer, Sustainability Consultant for Interior Design; Green Building Specialist and Sustainability Journalist	Tracer Study Report
2021/2022	Mass Communication	60	10	Environmental Communication Specialist; Sustainability Marketing Specialist; Climate Change Communicator;	Career Center Data
2022/2023	Accounting & Finance	18	4	Sustainability Accountant, Sustainability Auditors	Alumni Database
2022/2023	Human Resource	92	9	Sustainability HR Generalist; Talent Acquisition, Sustainability Compensation & Benefits Specialist	Alumni Survey
2022/2023	Interior Design Engineering	19	4	Sustainable Interior Designer, Sustainability Consultant for Interior Design; Green Building Specialist	Tracer Study Report
2022/2023	Mass Communication	68	11	Sustainable Interior Designer, Sustainability Consultant for Interior Design; Green Building Specialist and Sustainability Journalist	Career Center Data
2023/2024	Accounting & Finance	18	5	Climate Chnage Accountant, Sustainability Auditors and ESG Analyst	Alumni Database

2023/2024	Human Resource	114	11	Sustainability HR Generalist; Talent Acquisition, Green HR manager.	Alumni Survey
2023/2024	Interior Design Engineering	24	11	Sustainable Interior Designer, Sustainability Consultant for Interior Design; Green Building Specialist	Tracer Study Report
2023/2024	Mass Communication	66	9	Sustainable Interior Designer, Sustainability Consultant for Interior Design; Green Building Specialist and Sustainability Journalist	Career Center Data
<b>Total</b>		<b>573</b>	<b>80</b>		

The data in above table reveals a growing trend of graduates securing green jobs across various departments at the university. From Accounting & Finance to Mass Communication, students are finding employment in roles such as Sustainability Accountants, HR Generalists, Interior Designers, and Environmental Communicators. This indicates a promising future for graduates seeking careers in sustainable industries.

#### **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.

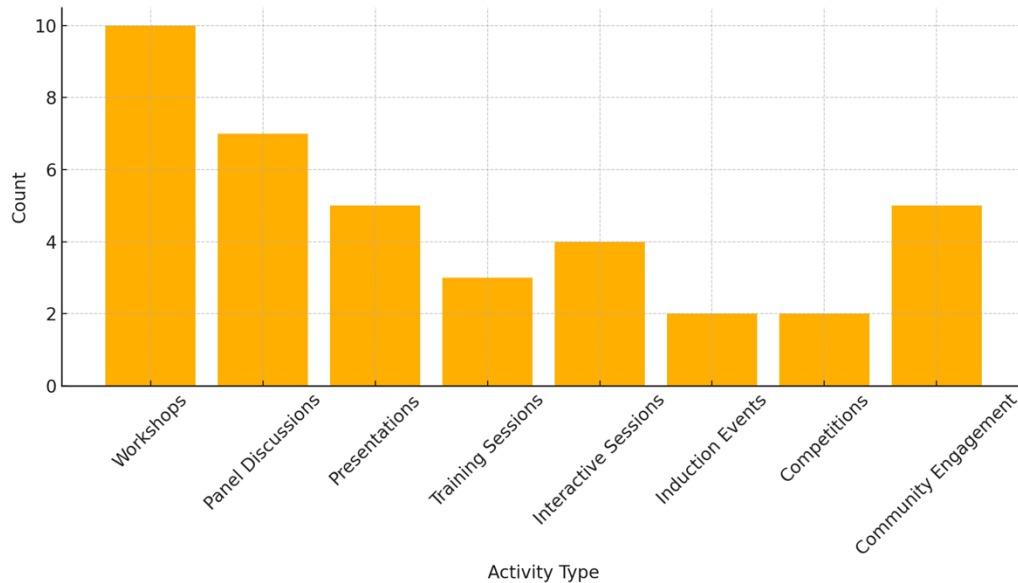


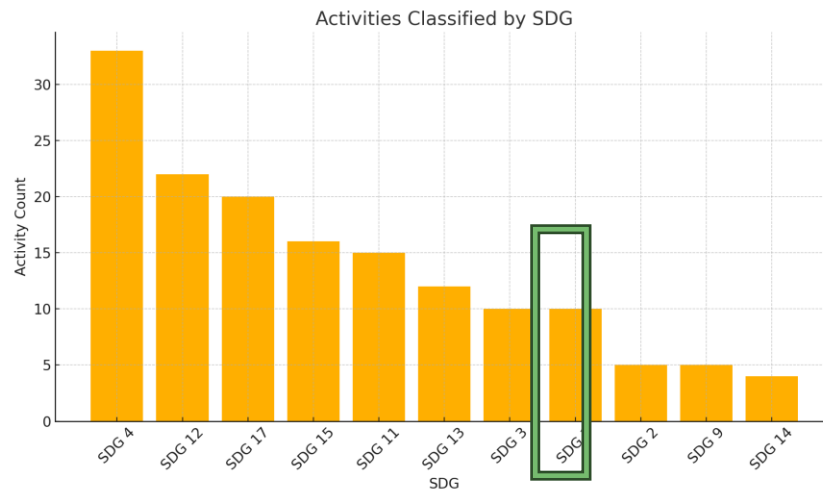
## SUMMARY OF ACTIVITIES BY TYPE

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





### Activities for SDG 9: Industry, Innovation and Infrastructure



### Day Three of Sustainability Week dedicated to Circular Economy

#### SDG 9: Industry, Innovation, and Infrastructure

##### Activities:

- Presentation, workshops & panel discussions (Call for Contribution)
- Talk shows and poster sessions for Academics/Students Research/Projects towards SDGs (Call for Project)
- Showcasing local businesses and organizations that have successfully embraced circular economy practices: The Big Exhibition



-Best Innovative Research/Projects Competition Panel & Rewards

-The “SDGs Big Quiz” Competition & Rewards.

-Green Lifestyle & “Eat Local” themed lunch.

Total 5 activities conducted for **SDG 9: Industry, Innovation and Infrastructure**

The university organized a total of five activities aligned with **SDG 9: Industry, Innovation and Infrastructure**. These activities included workshops, panel discussions, presentations, training sessions, and interactive sessions. These activities were designed to raise awareness about food security, sustainable agriculture, and nutrition.

Additionally, the university engaged in community engagement activities, inviting key speakers and panelists to share their expertise and insights. By promoting the awareness thru knowledge sharing and practical skills development, these activities contributed to addressing the global challenge of hunger and malnutrition.

#### SUSTAINABILITY-RELATED STARTUPS

Company Name	Issuing Date	Registration No	Product Type
Khalid Style	2024	68141-6	Mobile Accessories
Coffee Letcia	2021	68141-4	Snacks
Suk Al-Sajjad	2019	67569-9	Carpet Sales
Flare Media	2018	88404-1	Application (App)
Flare Media	2018	88404-1	Artistic Production and Photography
Dagous Restaurant	2016	38253-2	Breakfast, Lunch and Dinner
Jimmy Burger	2023	161904-1	Fast Food
UniFind	2023	Applied For	Application (App)
NSGI	2023	Applied For	Investing

## CIRCULAR ECONOMY PRESENTATION & WORKSHOP



**A circular economy presentation** by Dr. Siddiq and Dr. La'aleh Ala'li aims to explain the concept of a circular economy, its benefits, and how it can be implemented. Key aspects covered the definition and principles of a circular economy, its environmental, economic, and social benefits, real-world case studies, and strategies for implementation. A call to action had inspired audience to embrace circular economy principles and contribute to a more sustainable future.

Compiled & edited by:

**Dr. Tanvir Mahmoud Hussein, PMP®**  
*Head, Accreditation and Ranking Unit*  
Gulf University, Kingdom of Bahrain

### **Additional evidence link:**

- <https://www.gulfuniversity.edu.bh/sdg-initiatives/sustainability-and-development-makers-center/sustainability-club-members/>
- <https://www.gulfuniversity.edu.bh/sdg-initiatives/sustainability-and-development-makers-center/>
- <https://www.gulfuniversity.edu.bh/centers/innovation-entrepreneurship-center/center-projects/>
- <https://www.gulfuniversity.edu.bh/centers/innovation-entrepreneurship-center/center-achievements/>