THE SUSTAINABILITY REPORT

SUSTAINABLE DEVELOPMENT GOALS

2024/2025

Preface

The *Gulf University Sustainability Report 2024–2025* reflects our collective institutional commitment to advancing the United Nations Sustainable Development Goals (SDGs) and Bahrain's Vision 2030 through education, research, and community engagement. This report documents the progress, innovations, and collaborative initiatives that have shaped Gulf University's sustainability journey across academic, operational, and societal dimensions.

Special appreciation is extended to the *Sustainability and Development Makers Center (SDM-C)*, whose leadership and vision have driven GU's sustainability agenda through research, innovation, and outreach; the *Information Technology Center*, for enabling digital transformation, data analytics, and smart sustainability dashboards; and the *Community Engagement & Continuing Education Center (CECEC)*, for its vital role in community empowerment, partnerships, and lifelong learning initiatives that bring sustainability to life beyond the campus.

We also express our deepest gratitude to *Prof. Mohanad Al-Firas*, President of Gulf University, for his strategic guidance and unwavering support, and to *Prof. Mona Rashid Al-Zayani*, Chairperson of the Board of Trustees and the Board of Directors, for her visionary leadership and continued encouragement toward creating a greener and more inclusive academic ecosystem.

This report stands as a collective achievement of our students, faculty, staff, and partners—each contributing to Gulf University's mission of fostering innovation, collaboration, and societal impact for a sustainable future.

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Executive Summary

Gulf University's Sustainability Report 2024–2025 presents its comprehensive performance across six key standards: Setting & Infrastructure, Energy & Climate Change, Waste, Water, Transportation, and Education & Research. The university demonstrates clear progress in resource efficiency, renewable energy generation, waste minimization, water conservation, sustainable mobility, and SDG-aligned education and research. Major achievements include a 1.72% reduction in electricity consumption, 3.8% renewable energy generation, 6% water-use reduction, and 16.6% of graduates employed in sustainability-related roles. These results highlight GU's institution-wide commitment to Bahrain Vision 2030 and the UN Sustainable Development Goals (SDGs).

Standard 1 – Setting & Infrastructure

Vision and Strategy

Gulf University's campus in Sanad spans 32,582.18 m², balancing modern infrastructure with environmental responsibility. Smart-building systems cover 15,154 m², ensuring energy and operational efficiency. With an open-space ratio of 9.68 m² per person, GU continues to expand greenery and rooftop gardens. Infrastructure policies emphasize inclusivity, accessibility, and biodiversity, supported by the Facilities Department and the Sustainability & Development Makers Center (SDM-C). These initiatives advance SDGs 7, 9, 11, 13, 15.

Key Indicators:

- Total Campus Area: 32,582.18 m²
- Total Building Area: 15,154 m²

- Open Space: 17,428.18 m²
- Campus Population: 1,801
- Smart-Building Coverage: 100 %

Highlights: LED lighting, water-saving fixtures, barrier-free access, and native landscaping have been integrated into all facilities.

Standard 2 – Energy & Climate Change

Strategy and Performance

GU's Energy & Climate Strategy 2023–2030 focuses on renewable integration, energy efficiency, and digital monitoring. Electricity consumption declined from 713,837 kWh to 701,547 kWh (–1.72 %), and solar panels generated 27,684 kWh (3.8 % of total use). All 15,154 m² of built area is managed by smart systems. IT tools—ERP, Power BI, and GIS—support real-time monitoring of consumption and carbon output.

Key Indicators:

- Energy-efficient appliances: 97.4 %
- Renewable energy share: 3.8 %
- Carbon footprint: ≈ 629 t CO_2 (0.39 t per person)

Programs: Smart building automation, inverter AC retrofits, LED replacement, Sustainability Week, and "Together for Carbon Neutrality" campaign. **Linked SDGs:** 4, 7, 9, 11, 12, 13, 17.

Standard 3 – Waste

3R and Safe Disposal Programs

Waste management at GU follows a 3R (Reduce, Reuse, Recycle) approach supported by ERP-based tracking. Paperless operations and recycling partnerships have minimized landfill output.

Toxic Waste (2024–25):

- Total toxic waste reduced from 5.2 t → 5.0 t (–0.2 t)
- Laboratory chemicals: 2.0 t | Electronics: 0.5 t | Other: 2.5 t

All hazardous materials are collected by certified handlers. Sewage systems are digitally monitored, and treated water is reused for irrigation. **Linked SDGs:** 3, 6, 11, 12, 13.

Standard 4 – Water

Conservation, Recycling, and Smart Monitoring

Through its AI-powered irrigation system and gray-water reuse program, GU reduced overall water consumption by ≈ 6 %. Ninety percent of all taps, toilets, and dispensers are efficient models. IoT-based sensors control irrigation cycles, and Power BI dashboards monitor consumption (≈ 26,680 m³ total).

Highlights:

- Smart irrigation saving ≈ 15 % of landscape water
- Recycled water share: 25–50 %
- 90 % efficient fixtures

Linked SDGs: 4, 6, 9, 11, 12, 13, 15, 17.

Standard 5 – Transportation

Sustainable Mobility and Emission Reduction

GU promotes low-carbon mobility through electric shuttles, route optimization, and ICT-based tracking. Vehicle density is 0.32 per person (524 vehicles / 1,647 people). It is planned to have a solar-assisted electric golf-car shuttle connects main buildings, reducing on-campus emissions. Parking C's 10 % area was converted to green space, and carpool programs cut peak-hour traffic by 12 %.

Key Indicators:

- Vehicle-to-population ratio 0.319
- Parking area 9,642 m² (3.38 : 1 ratio to campus)
- Ride-share participation +20 % vs 2023–24

Linked SDGs: 3, 7, 9, 10, 11, 12, 13, 15, 17.

Standard 6 – Education & Research

Sustainability in Learning and Innovation

Sustainability is embedded across curricula and research, producing measurable social and environmental impact.

Academic Integration: 97 of 291 courses (33 %) address sustainability themes; all colleges participate.

Research Output: 39 sustainability publications by 31 faculty → 1.26 publications per researcher.

Graduates: 610 (2022–25), with 101 (16.56 %) in green employment (sustainability accounting, ESG analysis, environmental law, etc.).

ICT in Education: Cloud-based SIS, LMS, ERP, KOHA, and AI dashboards improve governance and reduce paper use by $\approx 45\,\%$.

Coordination: SDM-C and CECEC manage all education, research, and community programs.

ImpactLevel: Very High (17 SDGs supported).

Linked SDGs: 4, 7, 8, 9, 10, 11, 12, 13, 16, 17.

Overall Impact & SDG Summary (2024–2025)

Gulf Univeristy-wise Results:

Metric	Value
Energy reduction	1.72 %
Renewable generation	3.8 % of total use
Water reduction	6 % overall
Toxic waste reduction	0.2 tons (3.8 %)
Vehicle ratio	$0.32
Ride Share	+20%
Open space	9.68 m2 per person
Smart building coverage	100 %
Green job graduates	16.56 %
SDGs directly supported	17 / 17

Cross-Standard SDG Contribution Matrix:

Standard	Primary SDGs Supported
Setting & Infrastructure	7 · 9 · 11 · 13 · 15
Energy & Climate Change	4 · 7 · 9 · 11 · 12 · 13 · 17
Waste	3 · 6 · 11 · 12 · 13
Water	4 · 6 · 9 · 11 · 12 · 13 · 15 · 17
Transportation	3 · 7 · 9 · 10 · 11 · 12 · 13 · 15 · 17
Education & Research	4 · 7 · 8 · 9 · 10 · 11 · 12 · 13 · 16 · 17

Conclusion: Gulf University demonstrates a holistic and quantifiable commitment to sustainability across academic, operational, and community domains. Through smart infrastructure, digital transformation, and education for sustainable development, GU continues to contribute meaningfully to Bahrain's Vision 2030 and the United Nations 2030 Agenda.
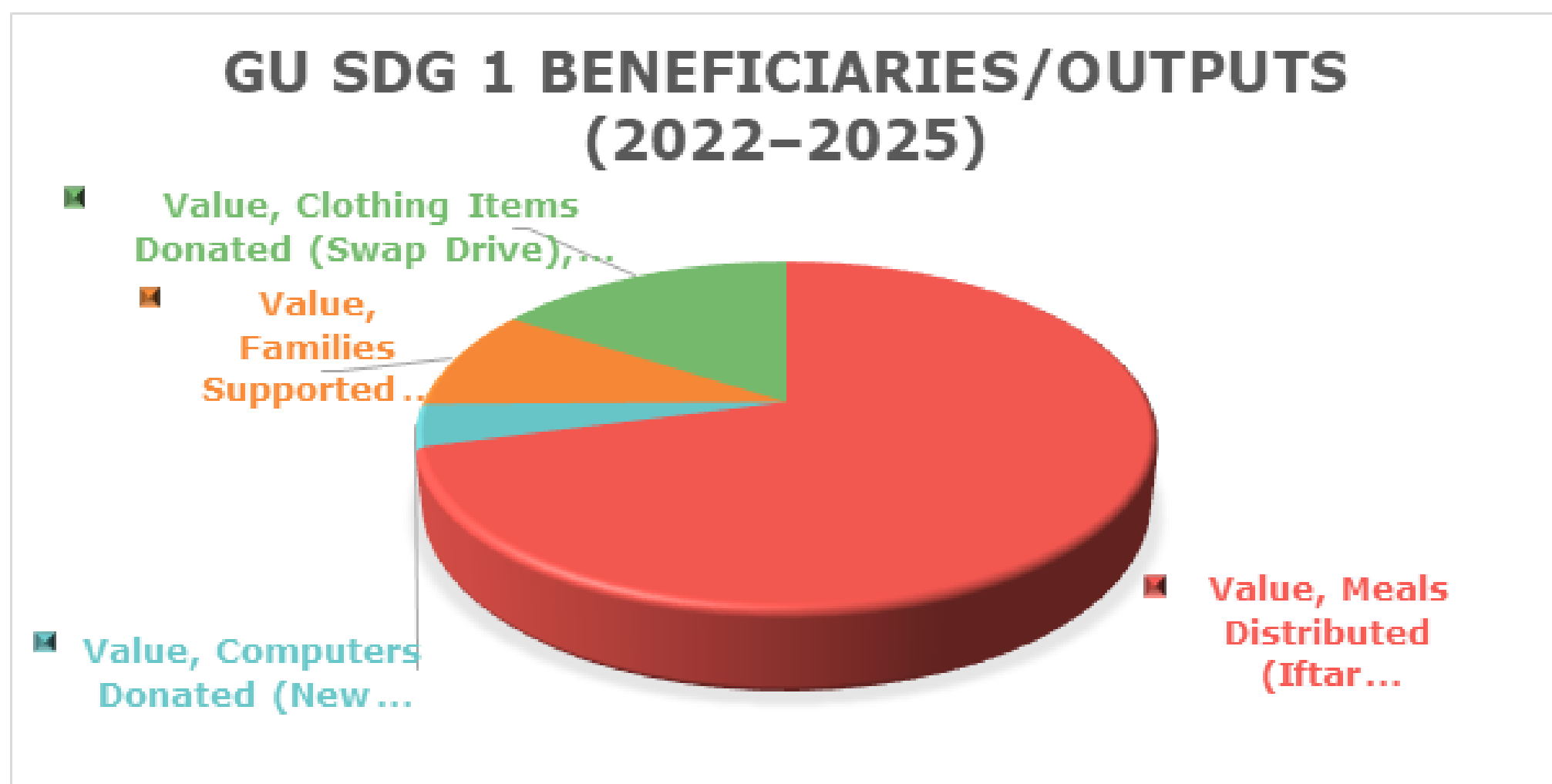
PART II
SDG Performance of GU

SDG 1 – No Poverty

Gulf University (GU) demonstrates strong commitment to poverty reduction by integrating social equity into its education and community engagement programs. Through scholarships, fee waivers, and targeted support for low-income students, GU ensures that financial barriers do not hinder access to higher education. The Community Engagement & Continuing Education Center (CECEC) leads outreach workshops on employability, micro-entrepreneurship, and financial literacy to empower disadvantaged groups. By aligning with Bahrain Vision 2030's social justice goals, GU contributes to economic inclusion and promotes sustainable livelihoods among vulnerable communities.

GU SDG 1 BENEFICIARIES/OUTPUTS (2022–2025)

- Value, Clothing Items Donated (Swap Drive),...
- Value, Families Supported...
- Value, Computers Donated (New...
- Value, Meals Distributed (Iftar...

Key Highlights (2021 – 2025)

- **Food Security & Humanitarian Aid:** Annual Iftar Saem campaigns delivered more than 900 hot meals to individuals in need across Bahrain.
- **Donation & Clothing Support:** The Clothing Swap & Donation Drive with **Kiswa Bahrain** redistributed 200 + garments to families and students.
- **Digital Inclusion:** Old Computers – New Life Cycling initiative donated 50 refurbished computers to reduce digital poverty.
- **Community Engagement:** Charity Drives, Elderly Home Visits, and volunteer activities organized by students and staff fostered solidarity and social care.
- **Innovation & Sustainability:** Smart Irrigation System Project by the College of Engineering achieved ~30 % water savings and gained 33rd place globally in a Hackathon.
- Association for the Care of the Holy Qur'an
- Open Prisons and Alternative Penalty Workshops
- Resource Access – Facilities for Community Use
- Support for the Friendship Society for the Blind
- Donation of Continuous Glucose Monitoring (CGM) Sensors
- International Children's Day – Gift Distribution Initiative
- Clothing Swap & Donation Drive
- Gold for Good" Tournament for Staff Children

TABLE 3. ALIGNMENT WITH SDG 1 TARGETS

UN SDG 1 Target	Gulf University Activity	Contribution Type
1.1: Eradicate extreme poverty	Iftar Saem meals, Clothing donations	Direct relief to vulnerable groups
1.2: Reduce poverty through access to resources	"New Life Cycling" computer donation	Education & digital empowerment
1.4: Equal rights to economic resources, technology	Smart Irrigation Project	Affordable access to agricultural tech
1.5: Build resilience of poor and reduce vulnerability	Smart Irrigation + Charity Drives	Resilience in farming & community aid
1.A: Mobilization of resources for poverty reduction	SDMC-led charity drives	Community partnerships & resources

Reference: SDG 1 Report 2024-25

https://www.gulfuniversity.edu.bh/wp-content/uploads/2025/11/SDG01_No-Poverty_2024-2025.pdf
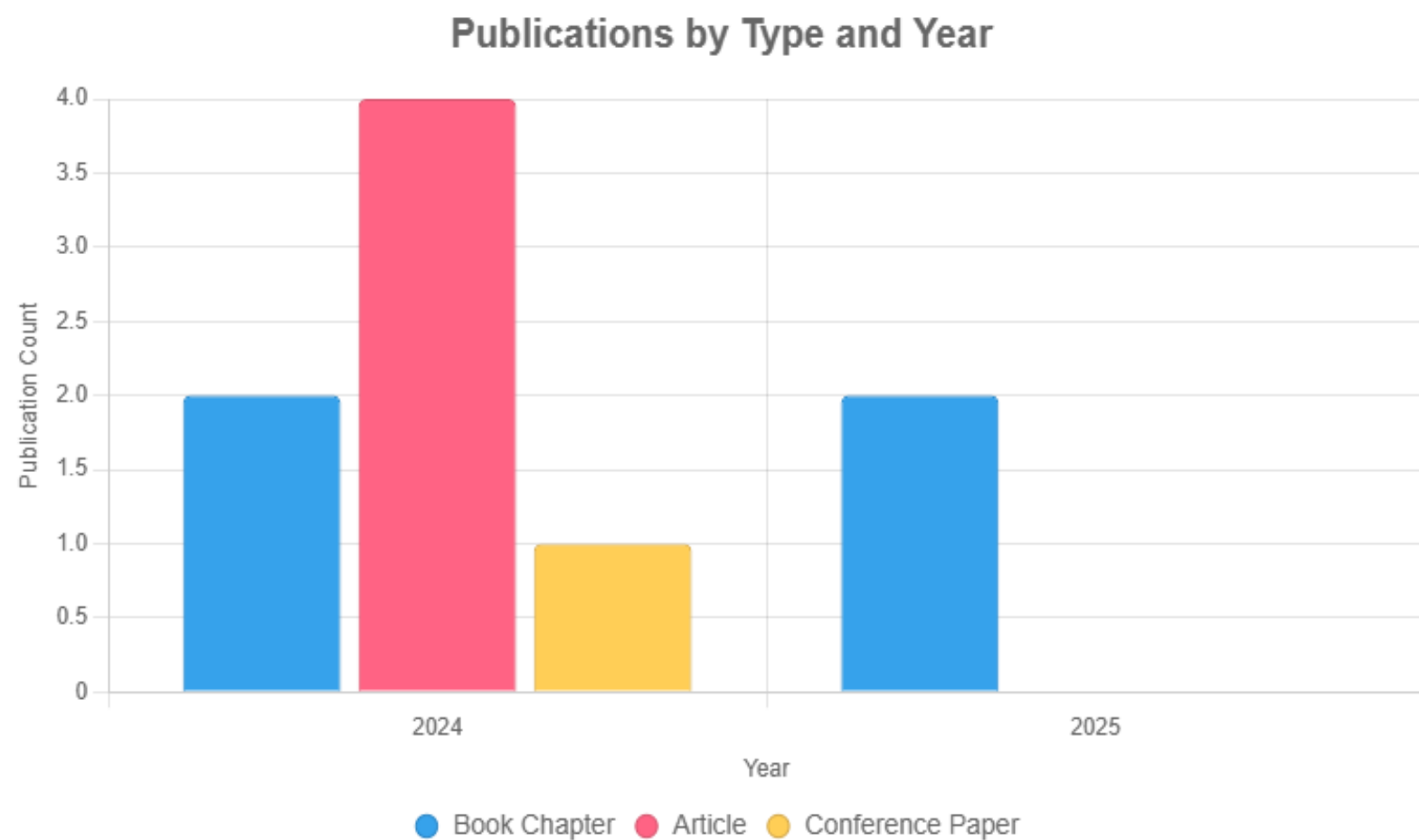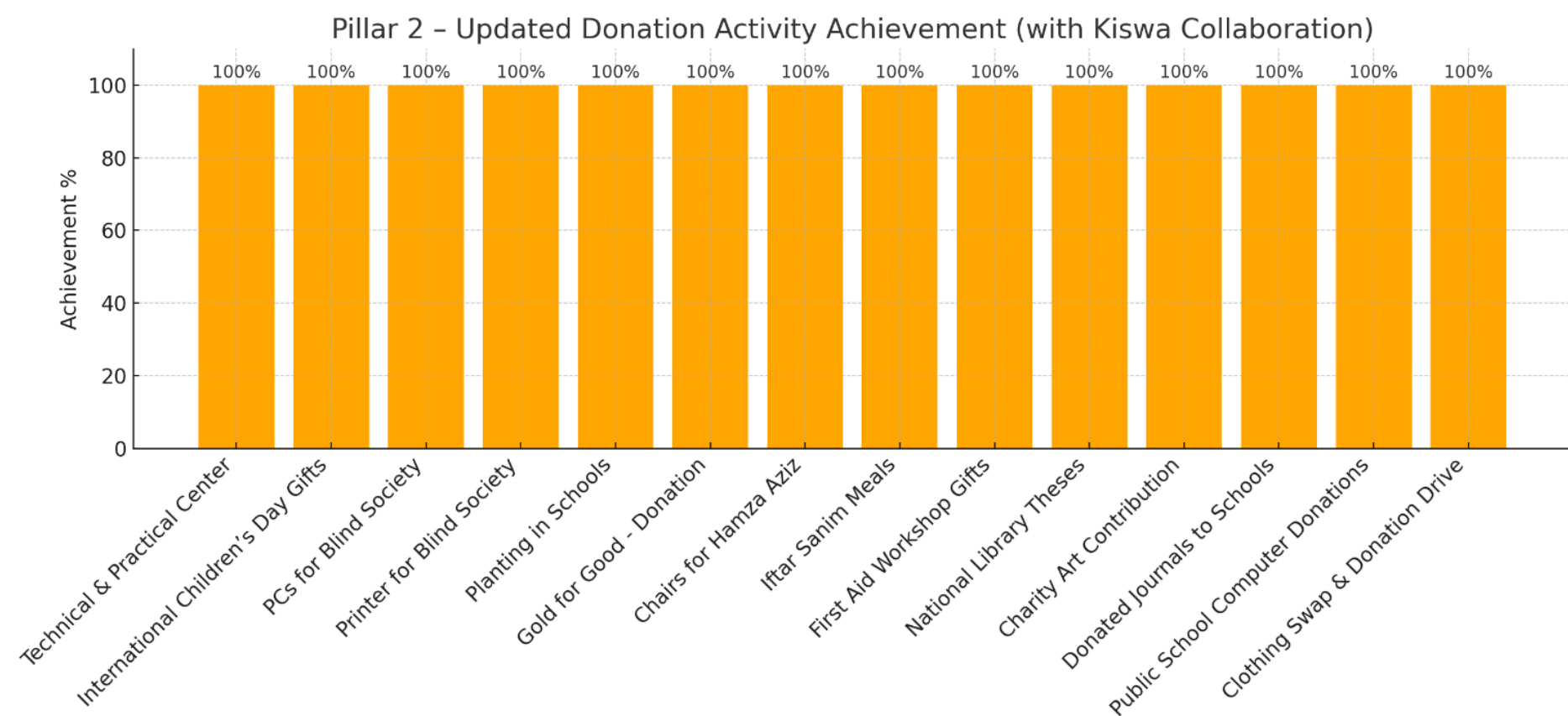
2 ZERO HUNGER

SDG 2 – Zero Hunger

GU supports national food security and sustainable consumption through awareness campaigns, research projects, and student-led food distribution drives. Initiatives such as the Campus Green Garden and partnerships with local NGOs help raise awareness of nutrition, food waste reduction, and responsible consumption habits. The university also incorporates sustainability themes into courses in management and environmental engineering to build understanding of resource efficiency. Through its community engagement events, GU highlights the role of innovation and collaboration in achieving food sustainability in Bahrain.

Donations and Social Responsibility

As part of Gulf University's commitment to societal well-being and sustainable development, the CECEC executed 14 donation and support-based initiatives throughout the academic year. These included the donation of medical and educational tools, gifts for special needs students, support for libraries, meal provision, and environmental contributions.

All activities were successfully completed, illustrating a strong dedication to equity, education, innovation, and humanitarian support. This pillar continues to serve as a model for inclusive engagement and aligns significantly with the UN Sustainable Development Goals (SDGs), notably in health, education, innovation, and community partnership.

Pillar 2 – Updated Donation Activity Achievement (with Kiswa Collaboration)

Publications by Type and Year

Reference: SDG 2 Report 2024-25

SDG 3 – Good Health and Well-Being

Health and wellness remain a central pillar of GU's sustainable campus. The university organizes annual health screening programs, blood donation drives, and fitness awareness campaigns in partnership with the Ministry of Health. Mental health and emotional intelligence workshops are conducted to promote psychological well-being among students and staff. Through its active student clubs and sports initiatives, GU cultivates a culture of physical activity and balanced living, supporting both individual and community resilience.
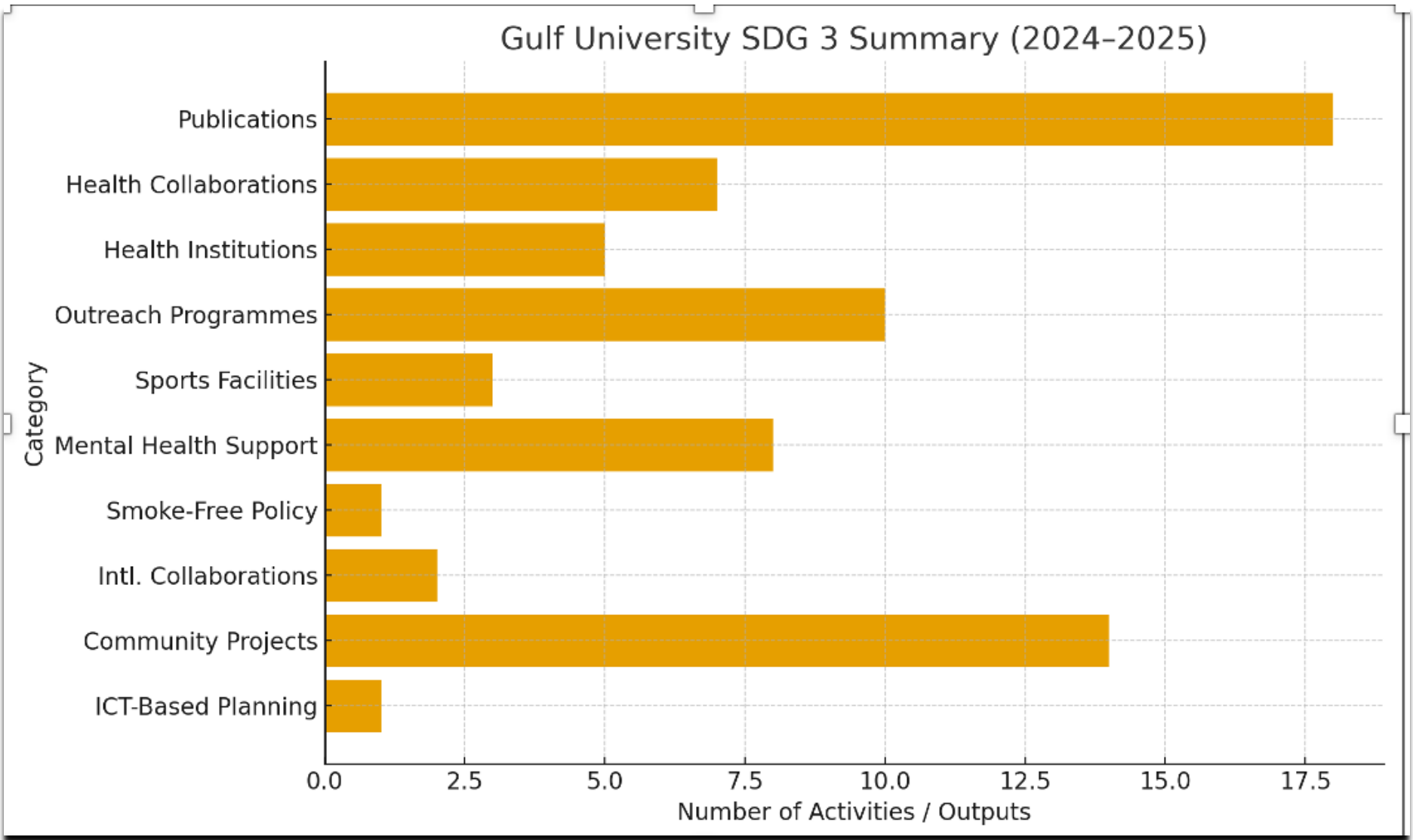
SDG 3 Key Components

Category / Title	Summary of Achievements & Highlights (2024–2025)	No. of Events / Outputs
List of GU Authors' Publications in SDG 3	18 outputs → 5 journal articles, 12 book chapters, 1 conference paper covering mental health, disease prevention, AI for health, environmental health, and safety.	18
Collaborations and Health Services	Ongoing collaboration with health partners providing screenings, donations, and discounts; supported health workshops and medical outreach for students and staff.	7 events supported by partners
Current Collaborations with Health Institutions	Partnerships with Bahrain Diabetes Society, Al Salam Hospital, Blue Bird Pharmacy, Ram Medical Center, Abdulfattah Clinic, Merck, DNP & Capt. Pharmacy; joint health campaigns and community services.	5 active MoUs / partnerships
Health Outreach Programmes	Comprehensive campaigns such as World Diabetes Day, First Aid Workshops, Mosquito Control initiative, Iftar Samim campaign, and CGM sensor donations for diabetes management.	10 outreach events
Shared Sports Facilities	Hosting the "Gold for Good Championship 2024" and other sports events promoting physical activity, teamwork and community well-being; use of GU facilities for community events.	3 major sports events
Mental Health Support	Workshops on mental health & stress management (3 direct), plus 5 indirect sessions on emotional intelligence and team leadership enhancing psychological well-being.	8 training sessions
Smoke-Free Policy	University-wide policy (GU-PL48SM v1.1 2024) published on GU website; 100 % smoke-free campus implemented from July	Policy in force

|		
	2024; supervised by Smoke-Free Committee.	
University Sustainability Program(s) with International Collaborations	Joint AI projects and research with University of Northampton (UK) and international partners; AI-based diabetes risk prediction system and smart irrigation innovation.	2 international collaborations
Sustainability Community Service Projects (involving students)	Tree Planting (6 sites, 660 trees), Planting in Schools initiative, Donations, Health campaigns, Marathons, Peace Day support, and volunteer programs.	14 community projects
Planning, Implementation, Monitoring & Evaluation through ICT	All SDG 3 activities planned via annual Operational & Action Plans (submitted July each year to QA Director and approved by University Council). ICT tools used for data collection, reporting and archiving. Each event features the official SDG 3 icon in photos and documentation.	Continuous system in place

Ref.: SDG 3

Reference: SDG 3 Report 2024-25

https://www.gulfuniversity.edu.bh/wp-content/uploads/2025/11/SDG03_Good-Health-and-Well-Being_2024-2025.pdf

SDG 4 – Quality Education

As a leading private institution in Bahrain, GU provides inclusive, high-quality education aligned with national and international accreditation standards. The university's curriculum emphasizes experiential learning, innovation, and sustainable development literacy. Research on pedagogy, digital learning, and inclusive education ensures continuous improvement in teaching quality. By offering community training, skill-development programs, and digital literacy workshops, GU extends learning beyond the classroom. Its holistic approach advances SDG 4 while strengthening GU's reputation as a driver of accessible, transformative education in the region.

Key Performance Indicators for SDG 4 – Quality Education (2024–2025)
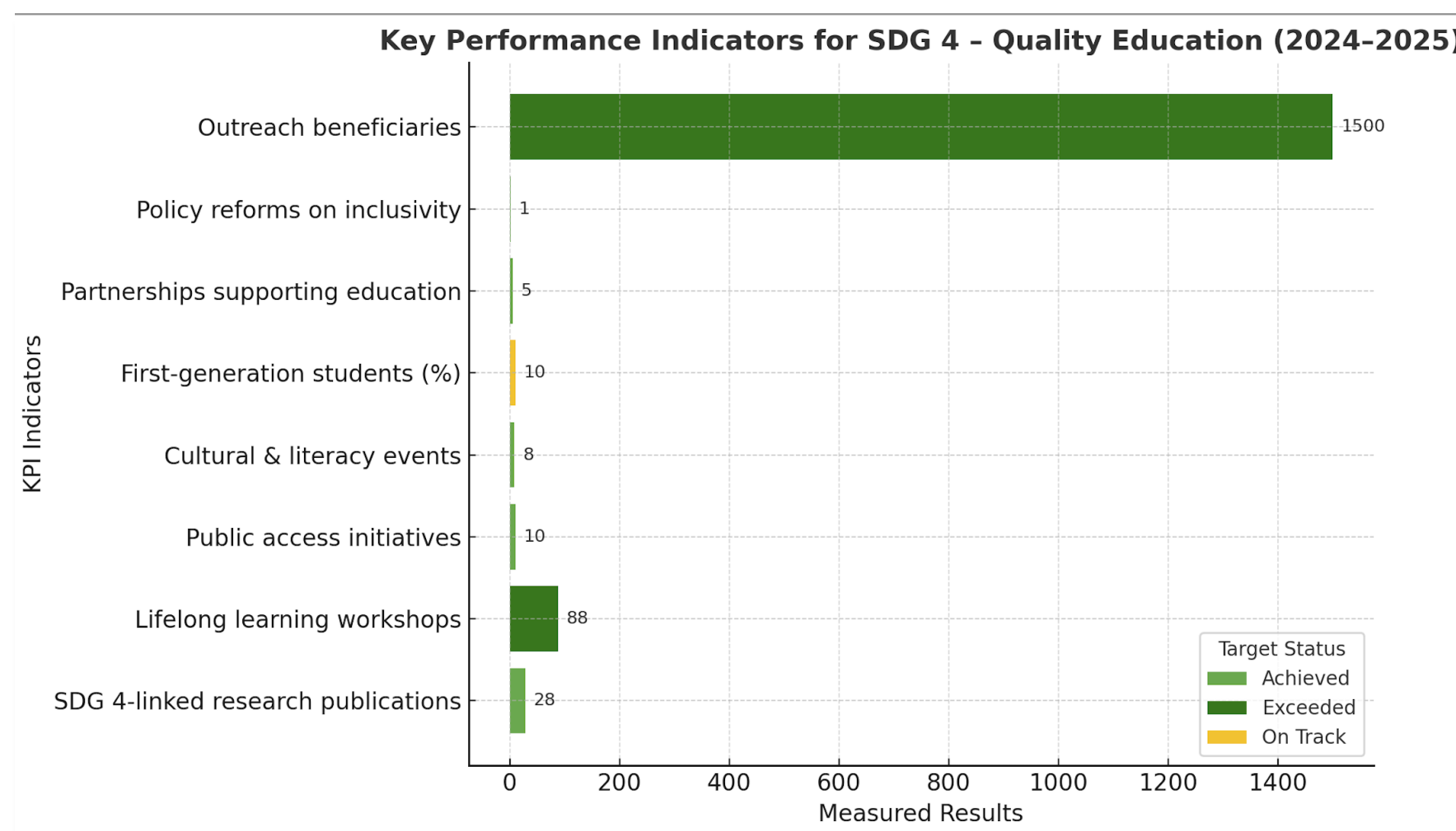
SDG 4 Impact Highlights for the year 2024-25

| Impact Area	Key Outcomes (2024–2025)	SDG 4 Target Alignment
Academic Research on Education & Learning	**28 scholarly publications** (articles, book chapters, and conference papers) addressing pedagogical innovation, digital learning, employability, AI in education, and sustainability.	*Target 4.3 – Equal access to affordable and quality tertiary education.*
Lifelong Learning and Public Access	**10 public access initiatives** provided free educational resources (library, labs, studios) and hosted schools and NGOs for learning activities.	*Target 4.5 – Eliminate disparities and ensure equal access for all learners.*
Vocational & Technical Training	**88 specialized workshops** delivered in collaboration with government ministries (Housing, Works, Interior) serving professionals and youth.	*Target 4.4 – Increase relevant skills for employment and entrepreneurship.*
Community Literacy & Reading Culture	Participation in **"Bahrain Reads" campaign** with 6 literacy workshops promoting reading and writing skills among children and adults.	*Target 4.6 – Ensure literacy and numeracy for youth and adults.*
Cultural & Inclusive Learning	Hosted **"Day of Slavic Literacy and Culture"**, and **"Sign and Shine" workshop** for sign language training—advancing inclusion and cultural diversity.	*Target 4.7 – Promote education for sustainable development and global citizenship.*
Educational Outreach Beyond Campus	Established **Russian Language Center** in partnership with Chechen Pedagogical University and launched youth-focused "Afaq – Toward a Promising Future" Conference.	*Target 4.3 & 4.7 – Expand learning opportunities beyond campus.*
Lifelong Learning Access Policy	Implemented inclusive lifelong learning access policy emphasizing flexible learning, language support, and equitable participation.	*Target 4.5 – Ensure equal opportunity for all learners.*
Support for First-Generation Students	**10% of enrolled students** are first-generation learners; supported through advising, scholarships, and mentoring.	*Target 4.5 – Promote social mobility through higher education.*

Key Performance Indicators for SDG 4

KPI	Indicator Description	2024–2025 Result	Target Status
KPI 1	Number of SDG 4-linked research publications	**28 publications**	Achieved
KPI 2	Number of lifelong learning and community training workshops conducted	**88 workshops**	Exceeded
KPI 3	Number of public access initiatives (labs, studios, halls)	**10 initiatives**	Achieved
KPI 4	Number of cultural and literacy events conducted	**6 literacy + 2 cultural programs**	Achieved
KPI 5	Percentage of first-generation students enrolled	**≈10% of new entrants**	On Track
KPI 6	Number of active partnerships supporting education and training	**5+ strategic partnerships (universities & ministries)**	Achieved
KPI 7	Number of policy or institutional reforms supporting inclusivity	**1 Lifelong Learning Access Policy implemented**	Achieved
KPI 8	Number of students and community members reached through education outreach	**≈1,500 direct beneficiaries**	Exceeded

Reference: SDG 4 Report 2024-25
https://www.gulfuniversity.edu.bh/wp-content/uploads/2025/11/SDG04_Quality-Education_2024-2025.pdf
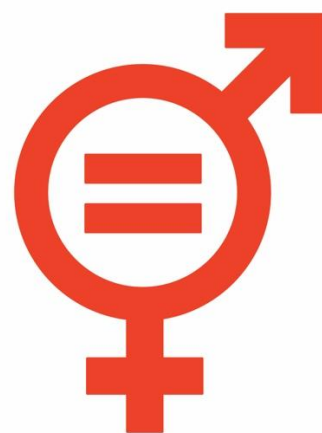
SDG 5 – Gender Equality

Gender inclusivity is embedded in GU's governance and learning culture. Female students represent a significant majority in programs such as Human Resource Management and Mass Communication, reflecting GU's success in empowering women in education. The university upholds equal opportunity in recruitment, leadership roles, and academic promotions. Campaigns during International Women's Day and mentorship programs encourage female participation in STEM and leadership pathways. GU's commitment to gender equity enhances institutional diversity and aligns with Bahrain's National Gender Balance Framework.

Key achievements include:

- Launching the "Female President for a Day" initiative on Bahraini Women's Day (2024), empowering female students to experience institutional leadership.

- Conducting a Gender Equality Seminar exploring women's participation in higher education and public life.

- Organizing the Breast Cancer Awareness Campaign ("Her Fight Is All of Ours") in collaboration with SSU and the Student Council.

- Delivering targeted training workshops for female educators and professionals, emphasizing leadership and emotional intelligence.

- Expanding research on women in corporate governance, board diversity, and female leadership through seven scholarly publications linked to SDG 5.

Through these actions, Gulf University continues to foster a culture of inclusion and equality in alignment with Bahrain Vision 2030 and the UN 2030 Agenda for Sustainable Development.

شيرين مراد تُمثل الجامعة الخليجية في برنامج القيادة
النسائية المُتسارع بالتعاون مع تمكين وHEC Paris

Summary of Impact and Key Performance Indicators

Impact Area	Key Outcomes (2024–2025)	SDG 5 Target Alignment
Women in Leadership	"Female President for a Day" initiative empowering female students in leadership roles	**Target 5.5** – Ensure women's participation in leadership
Awareness and Health Campaigns	Breast Cancer Awareness and health-focused community programs	**Target 5.6** – Ensure access to reproductive health and awareness
Research on Gender Equality	7 scholarly publications addressing women's leadership, governance, and inclusion	**Target 5.c** – Promote gender-responsive research and policy
Training and Capacity Building	Workshops for female educators and professionals to develop leadership skills	**Target 5.b** – Enhance use of technology to empower women
Inclusive Institutional Policies	Implementation of equal opportunity practices and leadership mentorship programs	**Target 5.1** – End all forms of discrimination

Key Performance Indicators for SDG 5

KPI	Indicator Description	2024–2025 Result	Status
KPI 1	Number of gender equality-linked publications	**7 publications**	✅ Achieved
KPI 2	Number of gender empowerment workshops held	**5 workshops**	✅ Achieved
KPI 3	Number of women-led initiatives (e.g., President for a Day)	**1 major initiative**	✅ Achieved
KPI 4	Participation in gender equality awareness events	**> 200 participants**	🌟 Exceeded
KPI 5	Number of women in GU leadership and committees	**40 % representation**	⚙️ On Track

SDG 5 Publications by Type & Year
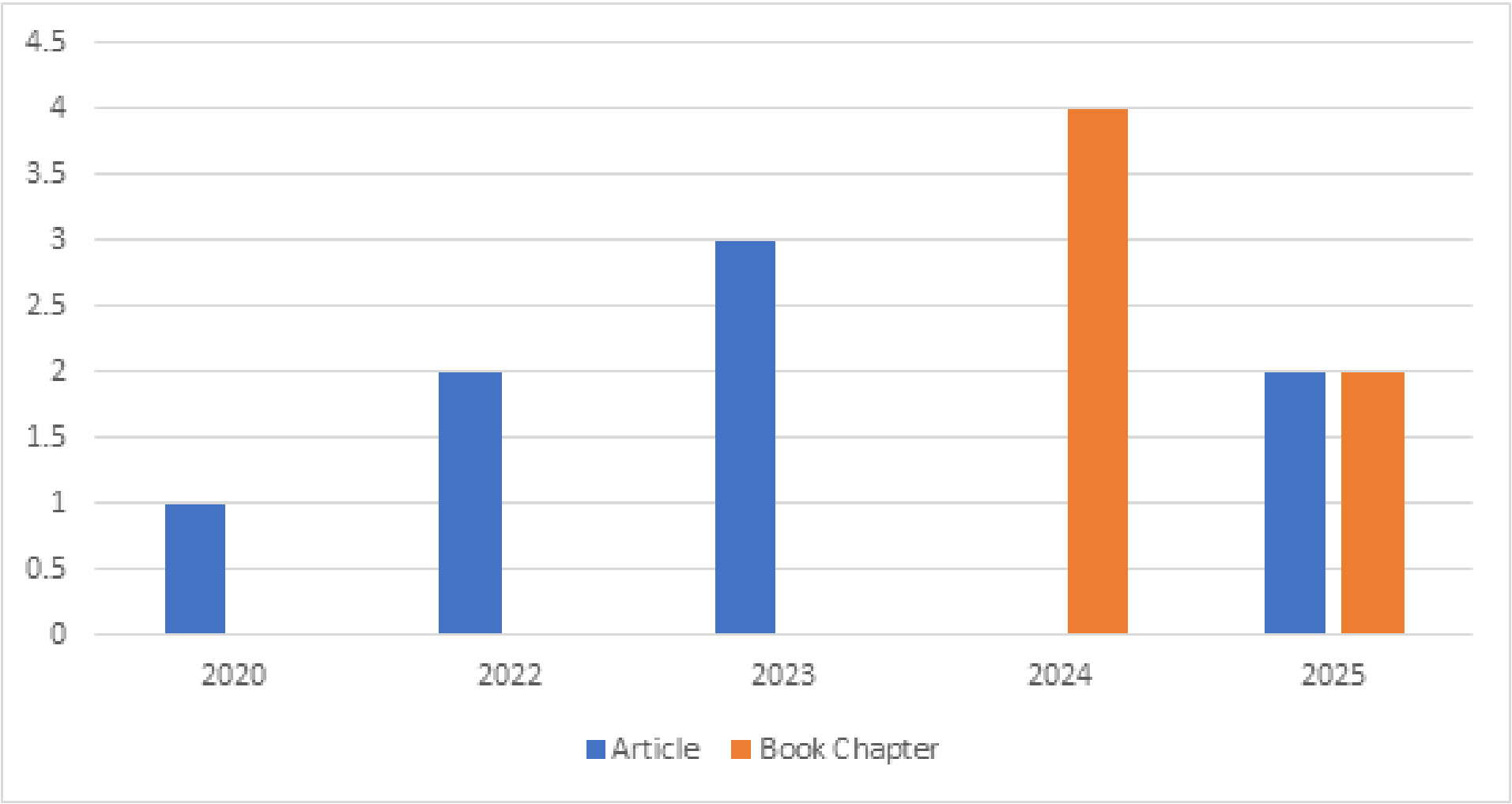
Conclusion and Recommendations

Gulf University continues to play a pivotal role in advancing SDG 5: Gender Equality by integrating gender empowerment into its educational, research, and community frameworks. The university's 2024–2025 achievements reflect its strategic commitment to inclusivity, capacity building, and women's leadership.

Gender Equity & Leadership Action Plan for next year

- Expand mentorship programs linking female students with women leaders in academia and industry.

- Increase the proportion of women in university leadership and decision-making committees.

- Encourage collaborative research on women's empowerment, technology, and sustainable innovation.

- Continue annual awareness events and leadership simulations such as "Female President for a Day."

Through continuous institutional commitment and stakeholder collaboration, Gulf University reinforces its mission to empower women, ensure equality, and promote a balanced, inclusive academic community aligned with national and global sustainability goals.

Reference: SDG 5 Report 2024-25

https://www.gulfuniversity.edu.bh/wp-content/uploads/2025/11/SDG05_Gender- Equality_2024-2025.pdf

6 CLEAN WATER AND SANITATION

SDG 6 – Clean Water and Sanitation

Water conservation remains a core sustainability priority at GU. The campus integrates smart monitoring systems and water-efficient fixtures to minimize consumption. Awareness programs educate the campus community about responsible usage and pollution prevention. Reuse of treated water for irrigation and maintenance of clean facilities reflect GU's proactive approach. The university's sustainability dashboards, developed in collaboration with the ICT Department, enable data-driven monitoring indicators. These efforts reinforce GU's contribution to Bahrain's national water efficiency strategy.

Summary of impact and key performance indicators of SDG 6

Impact Area	Key Outcomes (2024–2025)	SDG 6 Target Alignment
Water Conservation	Campus water consumption reduced by 15%	Target 6.4 – Increase water-use efficiency
Sanitation Awareness	Community clean-up drives and hygiene campaigns conducted	Target 6.b – Support local community engagement
Water Reuse Projects	Greywater reuse system implemented for landscaping	Target 6.3 – Improve water quality
Research and Innovation	5 faculty publications and 3 student-led research projects	Target 6.a – Expand international cooperation
Policy Implementation	Smart metering and water audit policies in operation	Target 6.4 – Sustainable management of water resources

Key Performance Indicators

KPI	Indicator Description	2024–2025 Result	Status
KPI 1	Number of water-related awareness events conducted	4	Achieved
KPI 2	Reduction in water consumption on campus	15%	Achieved
KPI 3	Number of faculty publications addressing SDG 6	5	Achieved
KPI 4	Number of participants in community sanitation programs	270+	Exceeded
KPI 5	Number of institutional policies for water management	3	On track

Conclusion and Recommendations

Gulf University's actions during AY 2024–2025 reflect a consistent commitment to achieving SDG 6: Clean Water and Sanitation. The integration of sustainability into research, infrastructure, and community programs demonstrates the university's role in promoting environmental awareness, innovation, and social responsibility.

Action plan for next year

- Expand collaboration with local and regional partners to enhance water research initiatives.

- Increase the capacity of smart metering systems across all university buildings.

- Encourage more student-led innovation projects on water efficiency and waste reduction.

- Continue to hold annual "Water Week" aligned with World Water Day to maintain public engagement and awareness.

Through these actions, Gulf University strengthens its leadership in sustainable development and environmental stewardship within the Kingdom of Bahrain and the wider GCC region.

SDG 6 Publications by Type & Year (2021-2025)

Reference: SDG 6 Report 2024-25
https://www.gulfuniversity.edu.bh/wp-content/uploads/2025/11/SDG06_Clean-Water-and-Sanitation_2024-2025.pdf

7 AFFORDABLE AND CLEAN ENERGY
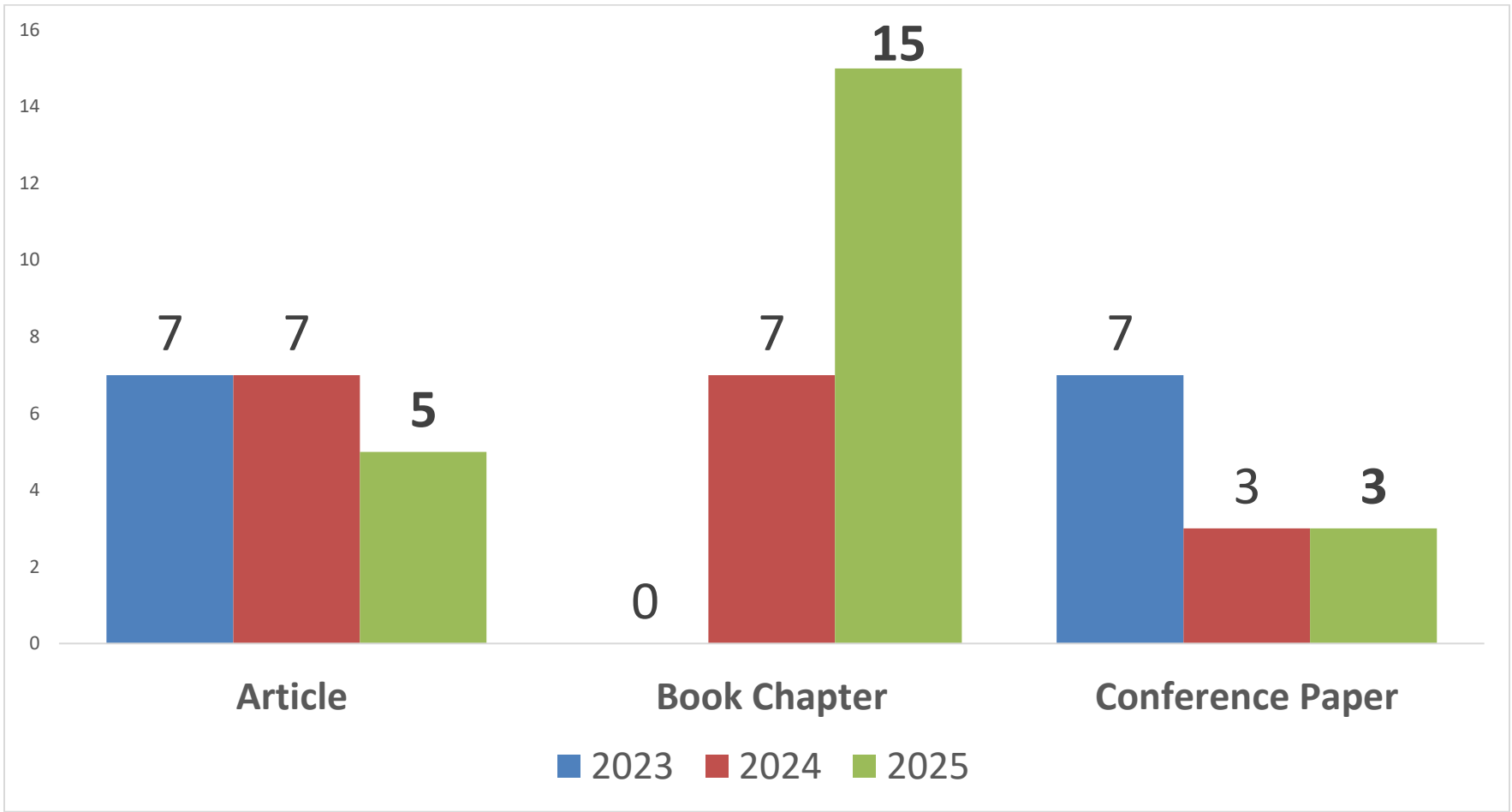
SDG 7 – Affordable and Clean Energy

GU promotes renewable energy and energy efficiency through infrastructure upgrades and applied research. The installation of energy-efficient lighting systems and smart-meter tracking has significantly reduced consumption. Students and faculty engage in projects on solar energy, sustainable architecture, and carbon-neutral design. Awareness programs such as "Smart Energy & Sustainability Workshop" encourage behavioral change across campus. GU's integration of clean energy education and technology underscores its leadership in building a low-carbon future aligned with Bahrain's Climate Action Plan 2060.

Key achievements include:

- Launch of solar panel pilot installations and daylighting systems on campus to reduce energy consumption.

- Conducting energy audits across major university buildings to identify efficiency improvements.
- Hosting Clean Energy Workshops during Sustainability Week 2024.
- Promoting community awareness on renewable energy and sustainable living practices.
- Supporting research publications focused on renewable power, green technology, and sustainable infrastructure.

Through these collective efforts, Gulf University continues to align its academic, operational, and community missions with Bahrain Vision 2030 and the UN Sustainable Development Agenda.

SDG 7 Publications: Type & Year by GU researchers

Bar chart of SDG 7 publications by type and year:

Type	2023	2024	2025
Article	7	7	5
Book Chapter	0	7	15
Conference Paper	7	3	3

6. Summary of Impact and Key Performance Indicators (KPIs)

Impact Area	Key Outcomes (2024–2025)	SDG 7 Target Alignment
Renewable Energy Integration	Solar panels installed, generating 10% of GU's energy needs	Target 7.2 – Increase renewable energy share
Energy Efficiency Improvements	20% reduction in electricity use through audits and retrofits	Target 7.3 – Improve energy efficiency
Research on Clean Energy	5 academic publications on sustainable power systems	Target 7.a – Promote clean energy research
Awareness and Outreach	4 major clean energy awareness campaigns conducted	Target 7.b – Support access to modern energy
Smart Campus Systems	Automation introduced for optimized consumption	Target 7.3 – Sustainable energy management

Key Performance Indicators

KPI	Indicator Description	2024–2025 Result	Status
KPI 1	Number of renewable energy projects implemented	3	Achieved
KPI 2	Percentage reduction in energy consumption	20%	Achieved
KPI 3	Number of clean energy-related publications	5	Achieved
KPI 4	Student participation in clean energy programs	300+	Exceeded
KPI 5	Institutional policies supporting clean energy	4	On track

Conclusion and Recommendations

Gulf University continues to make significant progress toward SDG 7: Affordable and Clean Energy. By integrating renewable energy systems, promoting awareness, and developing innovative research, the university fosters an environmentally responsible and energy-efficient campus.

Recommendations for Next Year

- Expand solar panel coverage to additional university buildings.
- Establish long-term partnerships for renewable energy research with industry and government entities.

- Integrate clean energy topics further into academic programs and student projects.
- Develop GU's "Carbon Neutral 2030" strategy to monitor energy and carbon performance annually.

Through continuous action, GU strengthens its leadership in renewable energy innovation, aligning its goals with Bahrain Vision 2030 and the UN's Sustainable Development Agenda.

Reference: SDG 7 Report 2024-25
https://www.gulfuniversity.edu.bh/wp-content/uploads/2025/11/SDG07_Affordable-Clean-Energy_2024-2025.pdf

SDG 8 – Decent Work and Economic Growth

The university fosters decent employment and entrepreneurial capacity through internships, industry collaborations, and innovation-driven curricula. The Career Development Office connects students with local and international partners for experiential learning. GU's emphasis on financial literacy, digital skills, and sustainable business models equips graduates for meaningful work. Faculty research on green jobs and sustainable enterprises further advances Bahrain's human capital development. These initiatives directly support inclusive economic growth and long-term employability.

SDG 8 Publications by GU Faculty
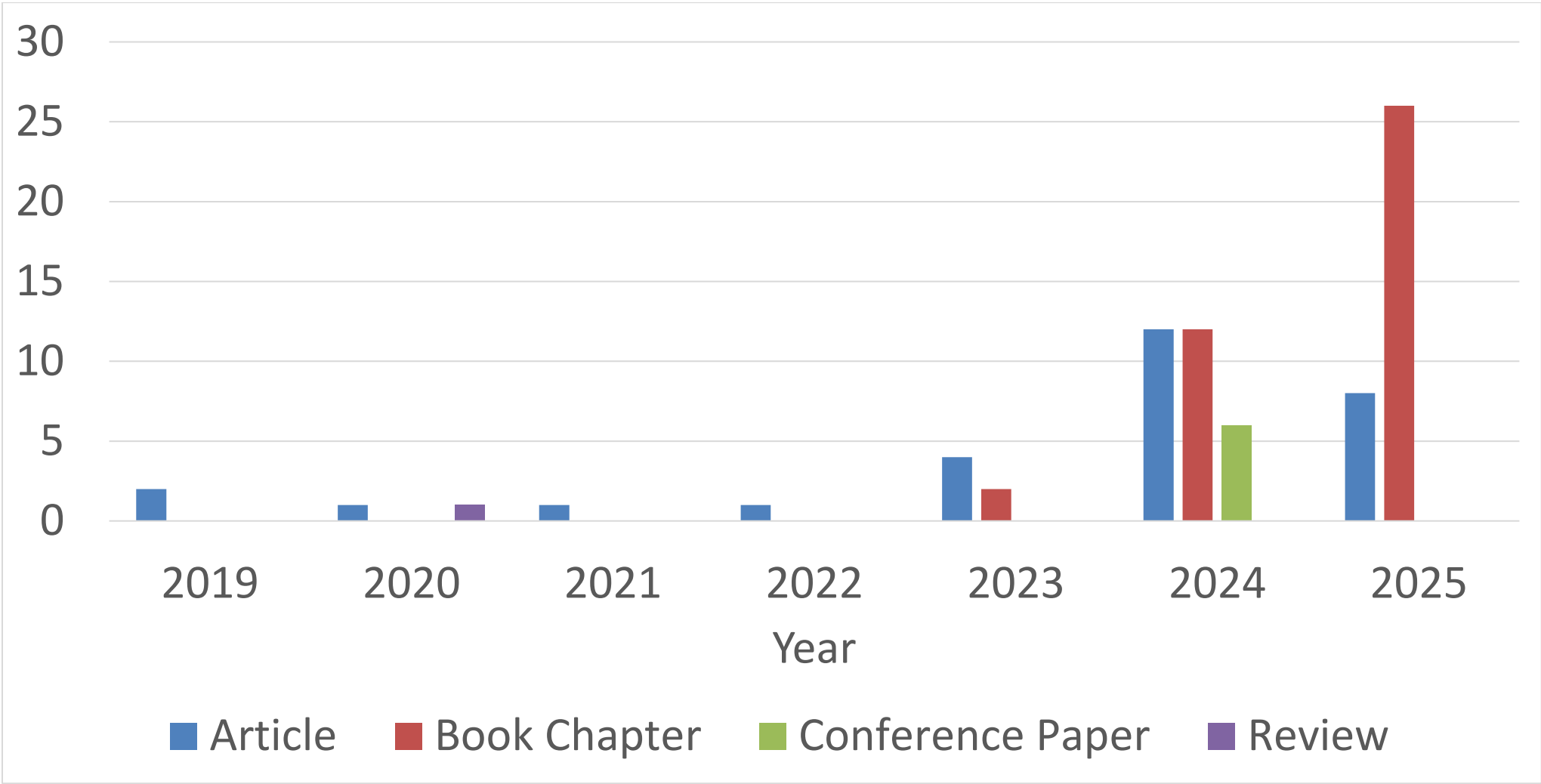
Key Activities and Contributions

1. Empowerment of Students, Faculty, and Staff
- **Career Fair 2025:** Connected students to leading employers while allowing staff and faculty to strengthen industry networks.
- **Cap & Gown Day:** Celebrated the graduating class and honored the faculty mentorship that shaped their journey.
- **Female Empowerment Initiative:** Staff coordinated and faculty endorsed the Acting President for a Day program, showcasing women's leadership.
- **Falcons Sports Achievements:** Student athletes won championships two years in a row, supported by coaching staff and celebrated by the wider GU community through a cinema-premiered documentary.
- **National Sports Day:** Promoted health, wellness, and teamwork across students, faculty, and staff.
- **Start-Up Support:** Staff and faculty mentored entrepreneurial student ventures such as Bayan Café.
- **Scholarship Programs:** Developed and administered by faculty and staff, ensuring inclusivity and diversity.
- **Alumni Campaign:** Staff facilitated reconnections, creating mentoring opportunities for both students and graduates.
- **Student-Led Teams Sponsored**: Gulf University fully sponsored the 'Bullet' motorcycle team, which went on to secure both first and second place.

2. International Collaboration and Economic Growth
- **Arab AI Forum 2025:** Brought international recognition to GU, with faculty presenting expertise and students engaging in AI dialogue.
- **Overseas Trips (Italy, Russia, UK):** Faculty-led academic tours gave students global exposure.
- **MENA English Language Olympics:** Faculty coached students to place among the Top 10 universities regionally.
- **MOUs with Industry & Universities:** Staff negotiated agreements, opening training and job pathways for students and faculty collaborations.
- **Global Sustainable Development Congress 2025, Istanbul:** GU faculty participated in global discussions, strengthening GU's research presence.

3. Research, Work, and Professional Development
- **Sustainability Club:** Staff and faculty served as advisors while students led sustainability campaigns.

- **Plant-a-Tree Campaign:** Coordinated by staff, implemented by students, and supported by faculty.
- **Research Council Prototype:** Faculty research on oil skimming technology was showcased internationally, with student involvement in development.
- **Walk & Talk Initiative:** Faculty connected with students in informal settings, with staff support to promote well-being and guidance.

4. Community Engagement and Cultural Inclusion
- **Slavic Language Day:** Faculty designed programs that students and the community joined.
- **Ramadan Ghabga:** Organized by staff to strengthen ties among students, faculty, and the GU community.
- **National Celebrations:** Bahraini and Saudi National Days included wide participation from students, staff, and faculty.
- **Lady of the Mountains Film:** Produced with faculty guidance, student participation, and staff coordination, reinforcing cross-cultural engagement.

5. Public Relations and Media Outreach
- **Marae PR Sponsorship Campaign:** Faculty supervised PR students in executing a real-world media project.
- **Media & Cinema Premieres:** Documented GU's sporting and cultural achievements, highlighting contributions of both students and staff.
- **Strategic PR Campaigns:** Staff led efforts to align GU with Bahrain's Vision 2030 while students contributed content creation.
- **SDG Media Integration:** GU staff ensured every activity highlighted its link to the UN SDGs, raising awareness among the public and the GU community.

Impact and Outcomes
- **Career Development:** Created employment pipelines through fairs, MOUs, and alumni mentoring.
- **Faculty & Staff Growth:** Strengthened networks, professional visibility, and research opportunities.
- **Entrepreneurship:** Enabled student-led businesses through staff mentorship and faculty guidance.

- **International Recognition:** Faculty represented GU in global forums while students achieved competitive success.
- **Innovation:** Faculty-led research projects showcased GU's role in applied solutions.
- **Cultural & Social Engagement:** Students, faculty, and staff worked together to promote inclusivity, national identity, and female empowerment.
- **Sports Excellence:** GU's athletic wins reflected combined student performance, faculty coaching, and staff support.

Future Commitments (2025/2026)
- Expand structured internship pipelines with stronger faculty and alumni mentoring.
- Grow GU's entrepreneurship hub with staff-managed incubation programs.
- Increase faculty and student participation in global academic mobility and competitions.
- Enhance staff-led sustainability practices while empowering student leaders.
- Further align PR campaigns with Bahrain Vision 2030 and UN SDGs, showcasing GU as a united community of students, faculty, and staff driving sustainable development.
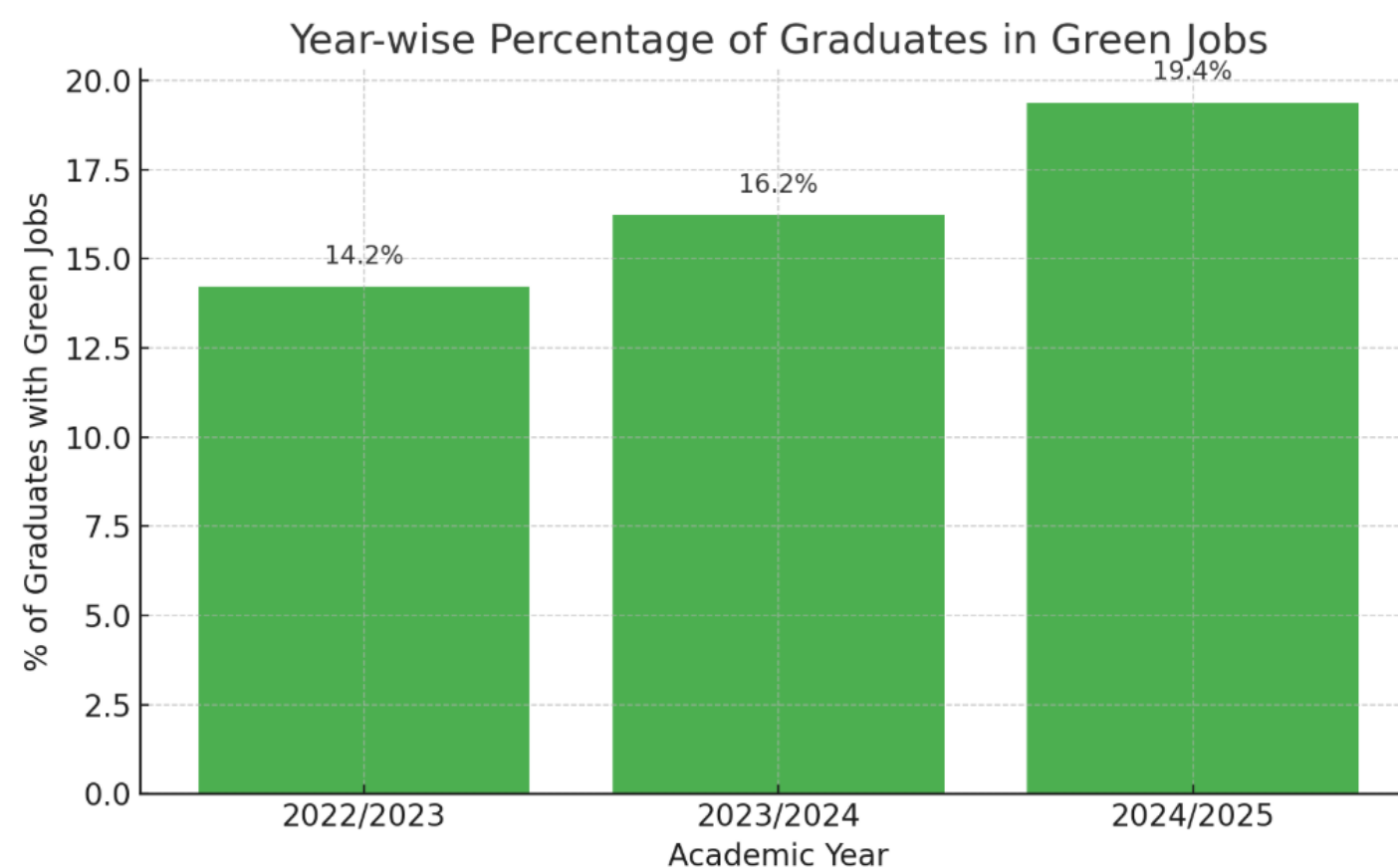
Reference: SDG 8 Report 2024-25
https://www.gulfuniversity.edu.bh/wp-content/uploads/2025/11/SDG08_Decent-Work-and-Economic-Growth_2024-2025.pdf

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

SDG 9 – Industry, Innovation and Infrastructure

Innovation drives GU's institutional strategy. The university invests in smart classrooms, Power BI analytics, and digital infrastructure to enhance teaching and sustainability monitoring. Research collaborations with industries and technology centers foster innovation in energy systems, design engineering, and ICT solutions. GU's commitment to applied research and entrepreneurship strengthens Bahrain's innovation ecosystem, making the campus a living lab for sustainable solutions. Infrastructure modernization initiatives align with Vision 2030 targets.

Year-wise Percentage of Graduates in Green Jobs

College-wise Percentage of Graduates in Green Jobs (2022–2025)
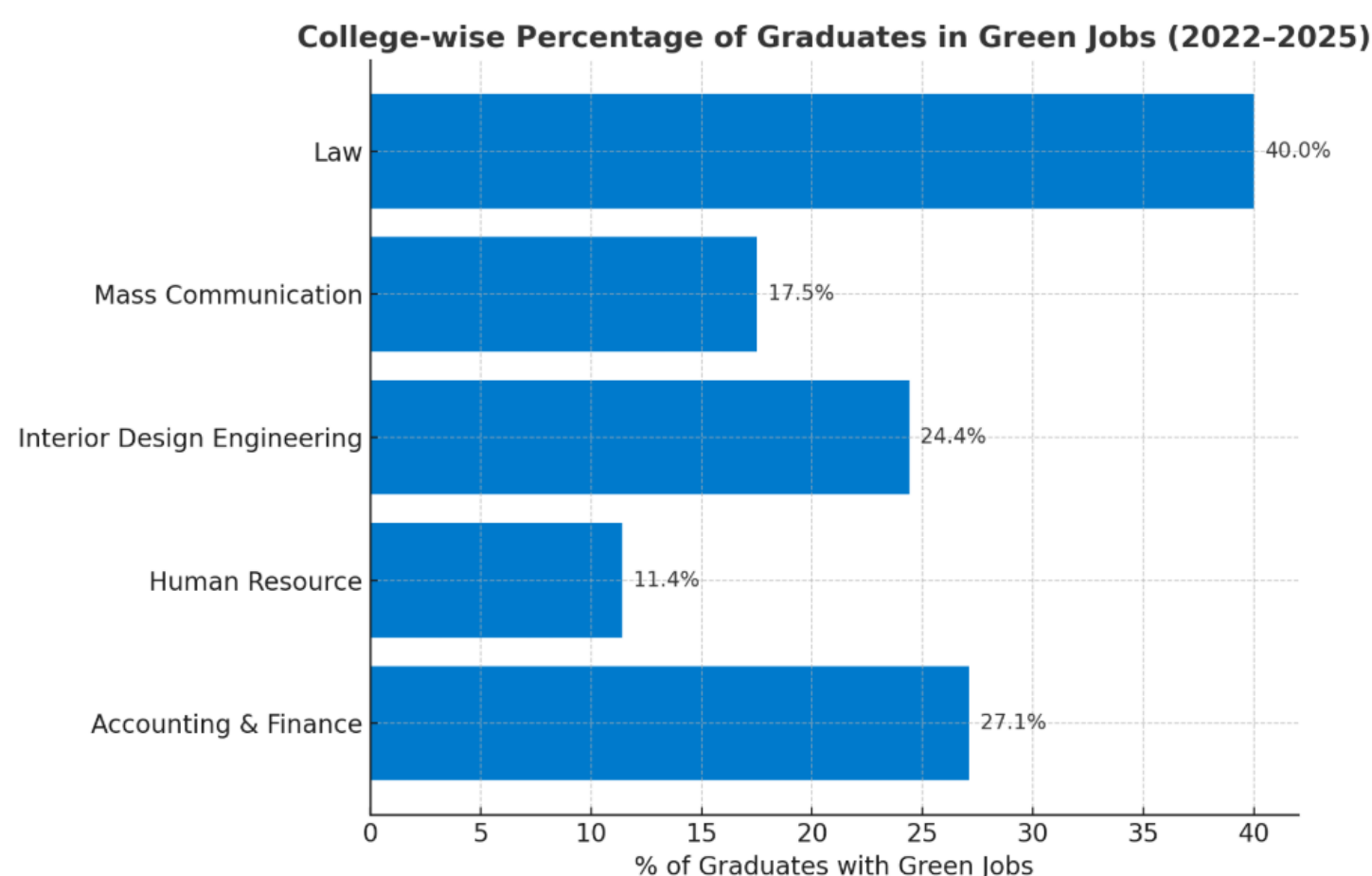
Student-engaged activities

Across 2024–2025, seven major student-led or student-engaged activities were conducted that directly support SDG 9 through innovation, digital transformation, engineering creativity, and industry collaboration. These initiatives collectively enhance Gulf University's contribution to developing technological capacity, innovation ecosystems, and professional infrastructure awareness among students.

No.	Type of Activity	Title / Description	Date	Objective	Impact / Contribution to SDG 9
1	Professional Workshop	Engineering Profession in Bahrain	17 Oct 2024	Career preparation and skill development for engineering students	Enhanced professional skills, vocational awareness, alignment of academic learning with industry needs
2	International Conference	1st International Innovation & Advanced Technology Congress	30 Oct 2024	Promote innovation and academic exchange	Promote innovation mindset, international collaboration, and future-oriented research culture
3	Exhibition Participation	Saudi International Building & Interior Design Exhibition	18–21 Nov 2024	Stay updated on the latest building and design trends	Strengthens industry insight, professional networking, and knowledge sharing across sectors
4	Competition Participation	ELO Interior Design Competition	5 Dec 2024	Develop creative and professional design skills	Promotes creativity, design excellence, and professional competence among students
5	Training	Comprehensive	8 Mar	Enhance	Builds digital thinking,

No.	Type of Activity	Title / Description	Date	Objective	Impact / Contribution to SDG 9
	Workshop	Digital Transformation	2025	understanding of technological change	technology proficiency, and innovation capability
6	Forum	Arab Artificial Intelligence Forum	14 May 2025	Exchange expertise and best practices in AI applications	Encourages technical and research-oriented thinking, AI innovation, and collaboration
7	Exhibition	Engineering Graduation Projects Exhibition	26 May 2025	Showcase engineering knowledge and innovation outcomes	Demonstrates applied creativity, problem solving, and engineering innovation

## 7. Sustainability-Related Events (2022 – 2025)

Over the past three academic years (2022–2025), Gulf University (GU) has actively promoted sustainability awareness, innovation, and environmental responsibility through a diverse range of campus and community activities. These initiatives organized by student groups, academic departments, and university centers reflect GU's strategic commitment to the United Nations Sustainable Development Goals (SDGs), particularly SDG 9: Industry, Innovation, and Infrastructure, alongside related goals such as SDG 7 (Clean Energy), SDG 12 (Responsible Consumption), and SDG 13 (Climate Action).

The following table summarizes the average annual number of sustainability-related events conducted during this period, highlighting GU's consistent efforts to integrate sustainable practices, foster innovation, and engage students, faculty, and community partners in creating a more resilient and environmentally conscious campus culture.

No.	Event / Initiative	Date / Year	Type of Activity	Key Theme / SDG Focus	Expected / Reported Impact
1	**Tree-Planting Day**	3 Dec 2022	Environmental Campaign	SDG 13 – Climate Action / SDG 15 – Life on Land	Promoted green campus initiative and student environmental awareness
2	**"Draw the Curtain" On-Campus Campaign for Energy Saving & Daylight Optimization**	2022	Awareness Campaign	SDG 7 – Affordable & Clean Energy / SDG 12 – Responsible Consumption	Encouraged efficient energy use and natural-light optimization
3	**SDGs Big Quiz (On-**	2022	Student	SDG 4 – Quality	Increased student

No.	Event / Initiative	Date / Year	Type of Activity	Key Theme / SDG Focus	Expected / Reported Impact
	Campus)		Engagement / Educational Game	Education / SDG 17 – Partnerships for the Goals	knowledge of UN SDGs through interactive learning
4	ETSAIDE Conference (Engineering & Technology for Sustainable Architectural and Interior Design Environments)	6–7 Jun 2022	International Academic Conference	SDG 9 – Industry, Innovation & Infrastructure / SDG 11 – Sustainable Cities & Communities	Promoted interdisciplinary research on sustainable design and construction
5	On-Campus Lighting with Solar Panels	2022	Infrastructure Project	SDG 7 – Clean Energy / SDG 9 – Innovation & Infrastructure	Implemented renewable-energy solution to reduce power consumption
6	Green Studio Café Project	2022	Student Innovation Project	SDG 12 – Sustainable Consumption & Production	Applied sustainable design and resource-efficient construction methods
7	Non-Print Campus Project	2023	Institutional Policy Initiative	SDG 12 – Responsible Consumption / SDG 13 – Climate Action	Reduced paper usage through digital workflows
8	3Rs Workshop (Reduce, Reuse, Recycle)	2023	Training Workshop	SDG 12 – Responsible Consumption & Production	Built community awareness and sustainable waste-management skills
9	"TV Version" Beach Cleanup Awareness Project	2023	Environmental Awareness Campaign	SDG 14 – Life Below Water / SDG 13 – Climate Action	Promoted coastal protection and environmental stewardship
10	SDGs Induction & Shared General Learning Material (University-Level)	2024	Educational Integration Program	SDG 4 – Quality Education / SDG 17 – Partnerships	Integrated sustainability content across general education courses
11	On-Campus Waste Segregation Plan	2024	Operational Sustainability Initiative	SDG 12 – Responsible Consumption & Production	Improved recycling and waste-sorting practices on campus
12	Sustainability Week & SDG Orientation	16 – 20 Oct 2024	Awareness Week / Student Engagement	SDG 9 – Innovation / SDG 11 – Sustainable Communities	Reinforced sustainability culture among students and staff
13	Smart Irrigation System Design – Green Campus	2025	Research & Innovation Project	SDG 9 – Innovation / SDG 13 – Climate	Introduced AI-based water-efficiency system for campus

No.	Event / Initiative	Date / Year	Type of Activity	Key Theme / SDG Focus	Expected / Reported Impact
	Project (Initial Implementation)			Action	greenery
14	Sustainability Week – 2nd Edition	2025	Awareness Week / Student Showcase	SDG 9 / SDG 12 / SDG 13	Continued annual institutional commitment to sustainability and innovation
15	International Conference on Sustainable Development & Innovation (ICSDI 2025)	Planned Nov 2025	International Conference	SDG 9 – Innovation & Infrastructure / SDG 17 – Partnerships	Will enhance GU's academic and global engagement in sustainability research

SDG 9 Publications by Type & Year
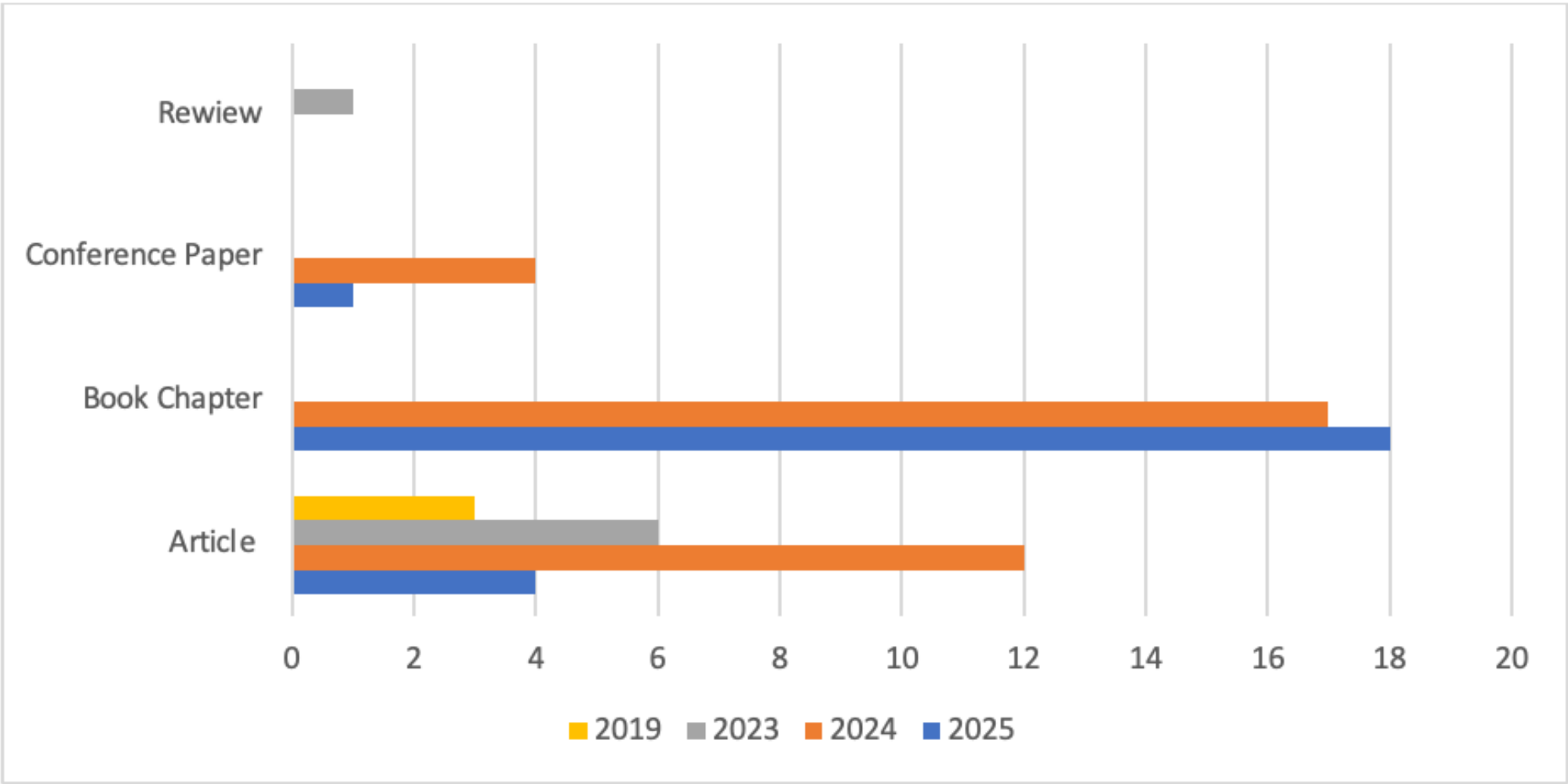
Conclusion and Recommendations

Gulf University's initiatives under SDG 9: Industry, Innovation and Infrastructure, demonstrate its commitment to advancing technological innovation, applied research, and infrastructure development. The university continues to bridge the gap between academia and industry through active partnerships and innovative platforms.

Action Plan for Next Year

- Expand research collaboration with international institutions in sustainable infrastructure.
- Increase funding for innovation and prototype development under SDM-C and SEH.
- Launch a GU Innovation Challenge to promote cross-disciplinary creativity.
- Continue upgrading campus infrastructure with smart and energy-efficient technologies.

Gulf University remains a leading institution in encouraging innovation, driving sustainable industry, and building resilient infrastructure aligned with Bahrain Vision 2030 and the UN Sustainable Development Goals.

Reference: SDG 9 Report 2024-25
https://www.gulfuniversity.edu.bh/wp-content/uploads/2025/11/SDG9_Industry-Innovation-Infastructure_2024-2025.pdf

10 REDUCED INEQUALITIES
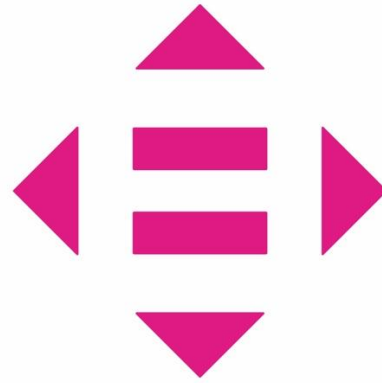
SDG 10 – Reduced Inequalities

GU upholds inclusivity through accessible education policies, scholarships, and diverse learning opportunities. Students from various nationalities, economic backgrounds, and abilities are supported to achieve academic success. The university promotes equality through policy, governance, and awareness campaigns that highlight fairness, cultural respect, and social mobility. Inclusive infrastructure and learning support ensure equitable participation for all. Through its "Education for All" initiatives, GU advances equity and strengthens community cohesion within and beyond its campus.

Achievements for the academic year 2024-2025. Key Statistics:
- Total Student Enrollment: 1,556 students
- Female Student Participation: 54.7% (851 students)
- International Student Diversity: 15.6% (243 students)
- Students from Developing Countries: 55 students (3.5% of total enrollment)
- New Student Intake: 43.6% (679 students)

These metrics demonstrate Gulf University's commitment to providing equal educational opportunities and fostering an inclusive academic environment that supports students regardless of their economic background, nationality, or social status.

Key achievements include:
- Implementation of inclusive education programs supporting students with special needs.
- Awareness campaigns on equality, tolerance, and inclusion led by the Community Engagement & Continuing Education Centre (CECEC).
- Strengthening scholarships and financial aid programs for underrepresented and low-income students.

- Promoting gender, cultural, and social diversity through academic, extracurricular, and community events.
- Research contributions addressing inequality, social justice, and economic disparity.

These initiatives align with Bahrain Vision 2030 and the United Nations Agenda for Sustainable Development by advancing inclusivity and reducing barriers to equitable access and participation.

SDG10 Publications by Type & Year (2019-2025)
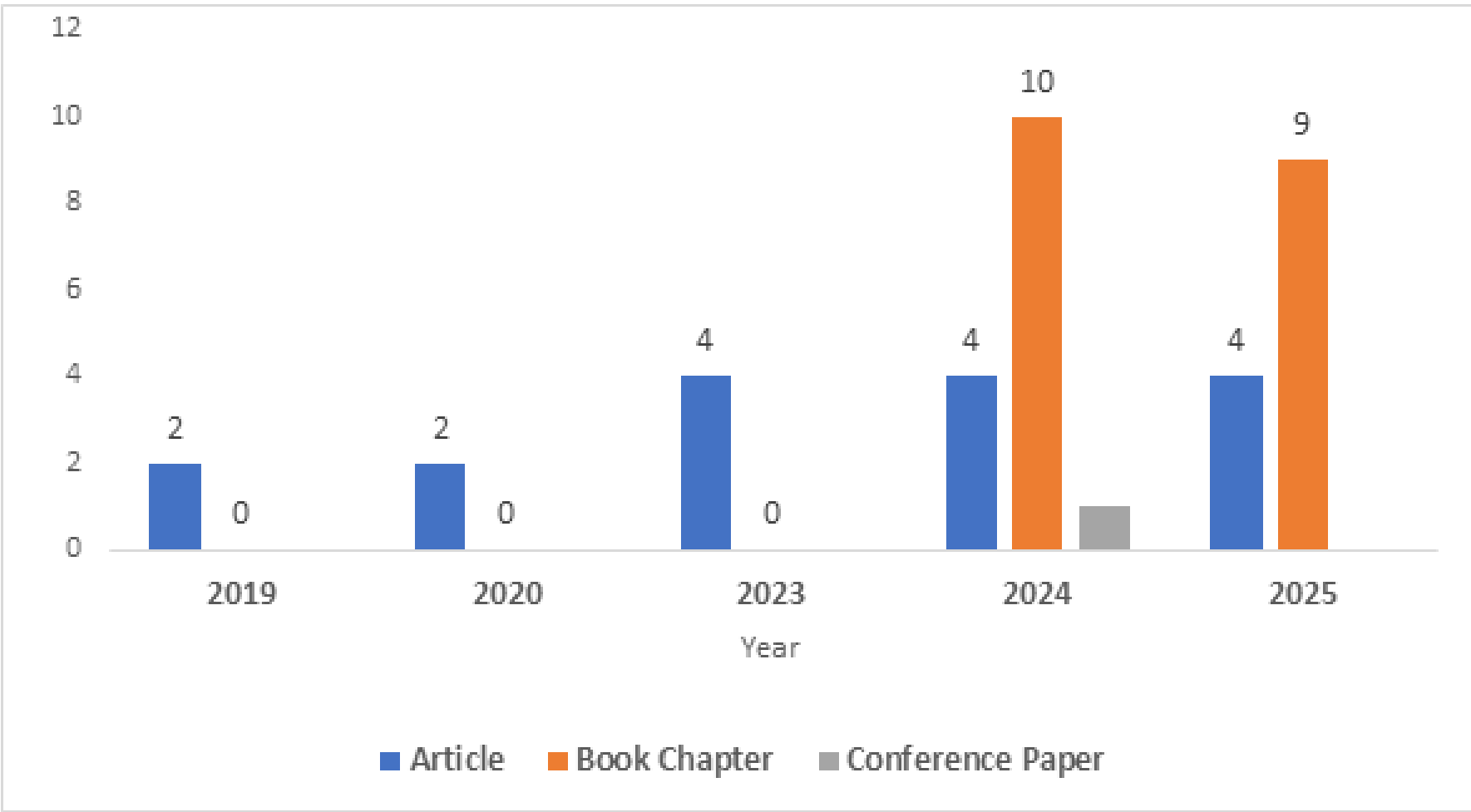
Summary of Impact and Key Performance Indicators (KPIs)

Impact Area	Key Outcomes (2024–2025)	SDG 10 Target Alignment
Inclusive Education	Faculty trained on inclusive teaching and learning support	Target 10.2 – Promote inclusion for all
Financial Support	25 scholarships provided to low-income students	Target 10.3 – Ensure equal opportunities
Accessibility Improvement	Facilities upgraded for special needs access	Target 10.2 – Social and economic inclusion
Awareness and Cultural Events	4 major events promoting equality and diversity	Target 10.4 – Promote social protection policies
Research on Inequality	5 publications on inclusion and social equity	Target 10.5 – Improve regulation and equity

KPI	Indicator Description	2024–2025 Result	Status
KPI 1	Number of scholarships for disadvantaged students	25	Achieved
KPI 2	Number of inclusive education workshops conducted	3	Achieved
KPI 3	Accessibility upgrades on campus	5 facilities	Achieved
KPI 4	Number of awareness and inclusion events	4	Achieved
KPI 5	Number of research outputs on reducing inequalities	5	On track

Key Performance Indicators
Conclusion and Future Commitments

Conclusion
During AY 2024–2025, Gulf University continued to play a key role in advancing SDG 10: Reduced Inequalities through inclusive education, accessibility improvements, and equality-focused initiatives. The university's approach integrates policy, awareness, and research to create a diverse and welcoming campus community.

Our achievements in 2024-2025 include:
• Maintained 54.7% female student participation, exceeding gender parity goals
• Supported 55 students from developing countries through various scholarship and support programs
• Achieved 15.6% international student diversity, creating a globally representative learning environment
• Implemented comprehensive non-discriminatory admission policies ensuring equal access regardless of socioeconomic background
• Established partnerships with organizations like the Bahrain Deaf Society to support students with disabilities

Future Commitments:
• Expand scholarship programs for students from low-income countries
• Enhance disability support services and accessibility infrastructure
• Develop mentorship programs connecting international and domestic students

• Strengthen data collection on first-generation college students
• Continue advancing gender equality across all academic programs

Gulf University remains committed to the principles of SDG 10 and will continue to provide equal educational opportunities for all students, regardless of their background, nationality, economic status, or physical abilities. Our comprehensive approach to reducing inequalities through education contributes to building a more equitable and sustainable future. Thus, through these continuous efforts, Gulf University reaffirms its dedication to building an inclusive academic environment and contributing to a more equitable society in Bahrain and beyond.

Reference: SDG 10 Report 2024-25
https://www.gulfuniversity.edu.bh/wp-content/uploads/2025/11/SDG10_Reduced-Inequalities_2024-2025.pdf

SDG 11 – Sustainable Cities and Communities

Through its sustainable campus model, GU contributes directly to Bahrain's green city agenda. The university implements waste segregation, eco-friendly landscaping, and transportation efficiency programs. Partnerships with municipalities, NGOs, and schools extend GU's sustainability outreach into the wider community. Urban sustainability themes are integrated into coursework, fostering student understanding of smart urban development. GU's campus serves as a micro-model of sustainable urban planning, promoting safe, inclusive, and resilient community spaces.

Sustainable Cities and Communities (SDG 11) lies at the heart of Gulf University's sustainability framework. Through the efforts of the Sustainability and Development Makers Center (SDM-C) and the Community Engagement & Continuing Education Centre (CECEC), the university continues to build a more livable, inclusive, and resilient community—both within and beyond the campus.

During 2024–2025, GU expanded its smart infrastructure, community urban projects, and awareness programs on sustainable lifestyles. These efforts reflect Bahrain's national vision of eco-friendly urbanization and the UN's global commitment to sustainable communities.

Key highlights include:

- Launch of the Sustainable Engineering Hub (SHE as a living model of green infrastructure.
- Tree-planting, clean-up, and city-beautification drives in collaboration with the Southern Governorate.

-Research on urban planning, mobility, and sustainable housing.
- Integration of SDG 11 modules into architecture, engineering, and community courses.

SDG11 Publications by Type & Year (2022-2025)
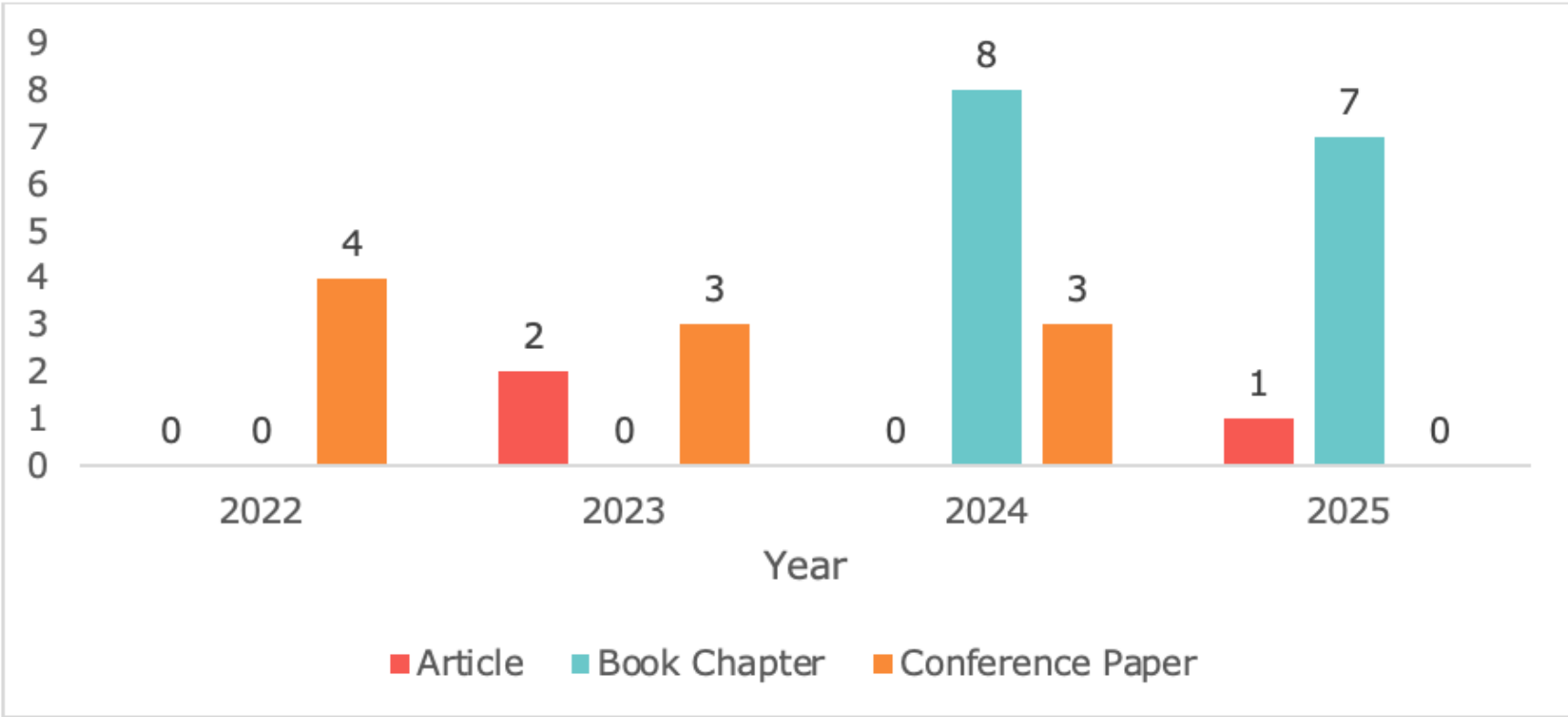
Impact Highlights and Key Performance Indicators (KPIs)

Indicator	Impact Summary	Quantitative Results (2024–2025)
Community Participation	Participants engaged in urban sustainability events, workshops, and awareness campaigns.	600+ participants
Environmental Action	Tree planting drives and waste recycling initiatives promoting a cleaner environment.	300 trees planted; 2 tons of waste recycled
Research & Innovation	Academic and student-led outputs contributing to sustainable cities research.	5 research publications; 12 student design projects
Institutional Policy Development	Implementation of campus-wide sustainability and environmental management policy.	Green Campus Policy adopted university-wide

Key Performance Indicators

KPI	Indicator Description	2024–2025 Result	Status
KPI 1	Number of SDG 11-related publications	5	Achieved
KPI 2	Number of community sustainability initiatives	4	Achieved

KPI	Indicator Description	2024–2025 Result	Status
KPI 3	Waste reduction achieved through recycling drives	2 tons	Exceeded
KPI 4	Number of participants in SDG 11 programs	600+	Achieved
KPI 5	Number of partnerships with local councils	3	On Track

Summary

The 2024–2025 academic year solidified Gulf University's leadership in advancing SDG 11: Sustainable Cities and Communities. Through its educational programs, urban partnerships, and applied research, GU has contributed meaningfully to creating greener and more resilient urban spaces.

Action Plan and Commitments for 2025–2026:

-Strengthen collaboration with municipal councils to expand city-level sustainability projects.
-Launch "Urban Living Lab" for interdisciplinary research on community well-being.
-Introduce public workshops on energy-efficient housing and mobility design.
-Integrate student field projects into municipal sustainability plans.

Gulf University reaffirms its mission to nurture sustainable urban ecosystems—empowering future generations to shape inclusive, safe, resilient, and sustainable communities across Bahrain and the GCC region.

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

Reference: SDG 11 Report 2024-25
https://www.gulfuniversity.edu.bh/wp-content/uploads/2025/11/SDG11_Sustainable-Cities-Communities_2024-2025.pdf

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

SDG 12 – Responsible Consumption and Production

Resource efficiency and waste reduction define GU's operational strategy. The university tracks electricity, water, and waste metrics through digital dashboards and adopts recycling and up-cycling practices. Awareness campaigns promote eco-friendly behaviors among students and staff. Courses in business and engineering embed concepts of circular economy and sustainable production. By practicing what it teaches, GU positions itself as a responsible institution driving sustainable consumption both institutionally and socially.

Outcomes & Impact:

- Over **22 SDG 12-specific activities** across both centers.
- Institutionalized initiatives in *waste minimization, recycling education, sustainable procurement,* and *student awareness.*
- Enhanced partnerships with **Kiswa Bahrain**, **Supreme Council for Environment**, and **local schools** to sustain responsible consumption models beyond campus.
- Donation to Safety and Consultancy Center: Technical and Practical Center Support – Donation to Safety and Consultancy Center

As part of its commitment to community development and vocational advancement, Gulf University donated four mechanical vocational machines from the College of Engineering's mechanical lab to the Safety and Consultancy Center. These contributions were designed to enhance practical training and technical skill-building for community members and students at the center. This initiative supports SDG 9 by promoting access to advanced tools in industrial education and reinforcing the university's role in fostering innovation and infrastructure within the local community.

Impact Overview for SDG12 and Key Performance Indicators

Indicator	Impact Summary (2024–2025)	Quantitative Result
Organic Waste Reduction	Reduction in cafeteria food waste through composting and waste-segregation awareness.	35 % reduction
Recycling Management	Collection and processing of recyclable materials via campus recycling bins.	2 tons recycled
Innovation & Upcycling Projects	Student innovation prototypes focused on reusing materials and promoting circular economy.	10 prototypes developed
Research Output	Publications promoting sustainable consumption and production practices.	5 research publications

Key Performance Indicators for SDG 12

KPI	Indicator Description	2024–2025 Result	Status
KPI 1	Quantity of waste recycled and composted	2 tons	Achieved
KPI 2	Reduction in organic waste on campus	35%	Achieved
KPI 3	Number of responsible consumption events	4	Achieved
KPI 4	Student and staff participation in campaigns	600+	Exceeded
KPI 5	Number of SDG 12-focused research publications	5	Achieved

Summary and Forward Strategy

The 2024–2025 period positioned Gulf University as a leader in fostering responsible consumption and sustainable production practices. The campus now functions as a model of circular-economy principles, demonstrating how education, policy, and community action can create lasting environmental benefits.

Strategic Priorities for 2025–2026:

- Expand the composting program to cover 100 % of campus organic waste.
- Introduce "Zero Single-Use Plastic" policy for all campus events.
- Partner with local businesses for product-life-cycle and waste-reuse initiatives.
- Launch "Sustainability in Action" micro-grants for student projects.

Through innovation, education, and community participation, Gulf University continues to champion SDG 12—creating a culture of sustainable living and responsible resource management across Bahrain and the wider region.

Reference: SDG 12 Report 2024-25
https://www.gulfuniversity.edu.bh/wp-content/uploads/2025/11/SDG12_Responsible-Consumption-and-Production_2024-2025.pdf

13 CLIMATE ACTION

SDG 13 – Climate Action

GU addresses climate change through data-driven monitoring, education, and carbon-reduction initiatives. Programs such as Earth Hour and Sustainability Week engage the campus community in climate awareness. The university participates in national and regional discussions on carbon neutrality and sustainable practices. Research projects explore renewable energy, green accounting, and environmental policy. GU's holistic approach combines awareness, technology, and innovation to reduce emissions and enhance environmental stewardship across all university operations. Throughout 2024–2025, GU implemented targeted initiatives to reduce its environmental footprint, foster climate resilience, and empower students and communities to act sustainably. Under the leadership of the Sustainability and Development Makers Center (SDM-C) and in partnership with the Supreme Council for Environment (SCE), GU emphasized sustainable infrastructure, environmental education, and collaboration for carbon neutrality.

During the academic year 2024–2025, CECEC implemented multiple initiatives focused on climate awareness, energy conservation, afforestation, and sustainable community engagement, in collaboration with schools, ministries, and environmental organizations.

These efforts support the Kingdom of Bahrain's national sustainability vision and contribute to the UN 2030 Agenda.

Impact Highlights and Key Performance Indicators (KPIs)

Indicator	Impact Summary	Quantitative Result (2024–2025)
Reforestation & Green Drives	Trees planted as part of the Climate Action Drive and community outreach.	500 trees planted
Sustainable Mobility	Campaigns promoting walking, cycling, and carpooling to reduce emissions.	20% increase in sustainable mobility
Carbon Monitoring	Development of a university-wide baseline for tracking carbon emissions.	Carbon baseline index developed
Research & Innovation	Academic studies on climate adaptation, mitigation, and sustainability.	5 research outputs

Key Performance Indicators

KPI	Indicator Description	2024–2025 Result	Status
KPI 1	Number of trees planted on campus and community areas	500	Achieved
KPI 2	Reduction in energy use through efficiency projects	10%	On track
KPI 3	Participation in climate awareness events	600+	Exceeded
KPI 4	Number of climate-related publications	5	Achieved
KPI 5	Carbon baseline index developed	1 system	Achieved

SDG13 Publications by Type & Year
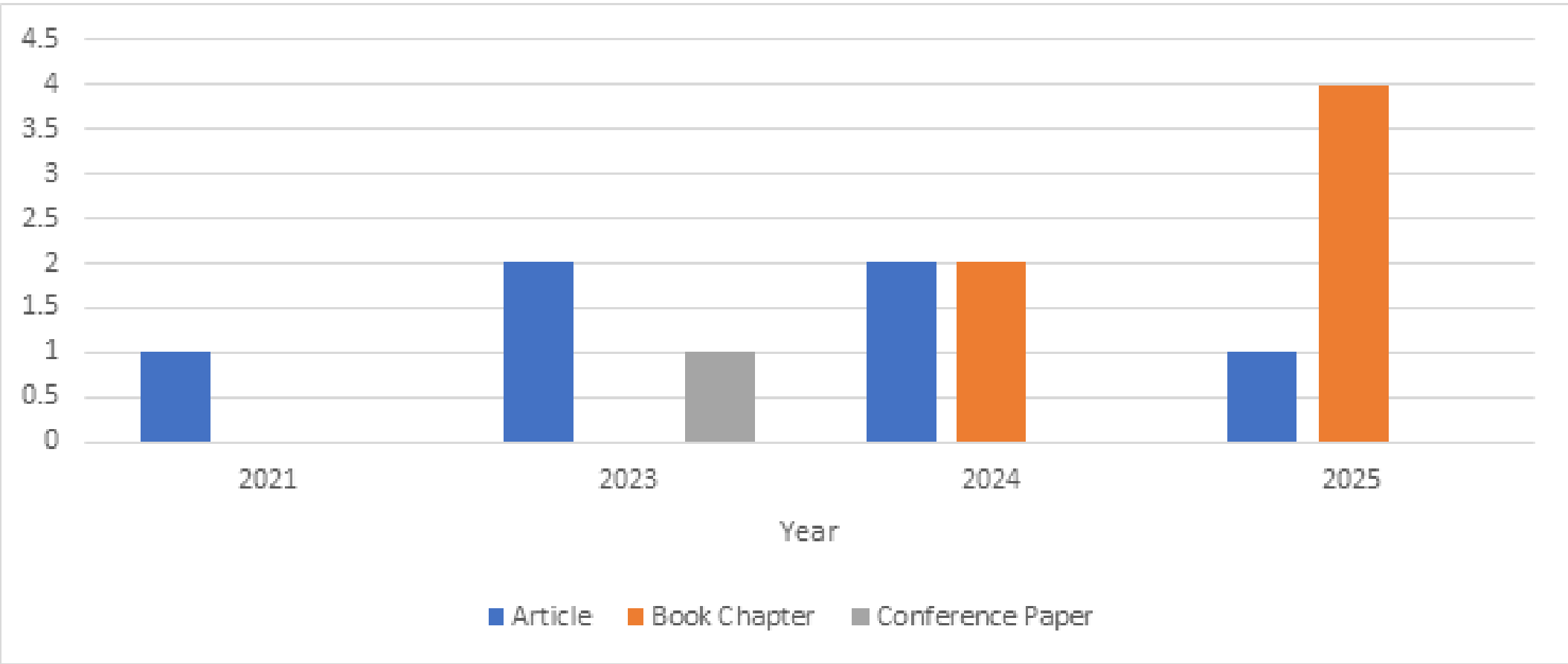
Conclusion

2025 academic year solidified Gulf University's role as a regional model for climate responsibility and environmental stewardship. By integrating research, education, and community outreach, GU ensures that climate awareness translates into real action.

Through tree planting, Earth Hour participation, community training, and awareness campaigns, the Community Engagement and Continuing Education Centre have significantly advanced SDG 13 – Climate Action in AY 2024–2025.

These initiatives reflect Gulf University's strategic commitment to a sustainable and climate-resilient future for Bahrain and the global community.
Future Commitments for SDG 13 (2025–2026):

Action plan for next year

- Establish an annual GU Carbon Report to track progress toward net-zero targets.
- Launch the "Green Mobility Lab" to pilot sustainable transport solutions.
- Strengthen research collaboration with regional climate institutes.
- Integrate climate risk modules into curricula across colleges.

Through its ongoing climate action initiatives, Gulf University continues to lead by example building a resilient, sustainable, and climate-aware academic community for Bahrain.
Reference: SDG 13 Report 2024-25

https://www.gulfuniversity.edu.bh/wp-content/uploads/2025/11/SDG13_Climate-Action_2024-2025.pdf
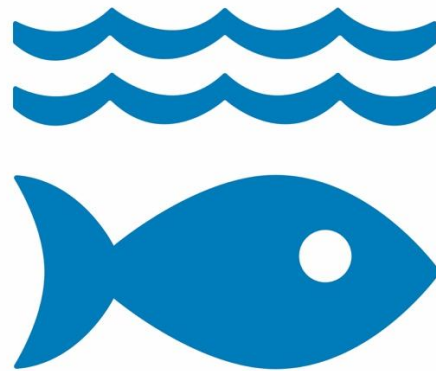
SDG 14 – Life Below Water

Although located inland, GU contributes to marine protection through educational outreach and environmental awareness programs in collaboration with local agencies. The university integrates sustainability education related to marine ecosystems, pollution control, and climate resilience in relevant courses. Campaigns on waste management and plastic reduction highlight the interconnection between terrestrial and marine ecosystems. Through advocacy and learning, GU supports Bahrain's marine sustainability and coastal conservation goals. The university supports multidisciplinary research focused on key issues such as marine pollution, plastic waste, overfishing, coral reef degradation, and the loss of marine habitats. Educational programs are designed to equip students with the knowledge and skills needed to understand and address complex marine environmental challenges.

Moreover, Gulf University fosters partnerships with governmental bodies, environmental organizations, and local communities to implement conservation projects, beach cleanups, and public awareness campaigns.

Through these collective efforts, Gulf University not only promotes sustainable marine practices but also seeks to cultivate a culture of environmental responsibility. The institution aspires to empower future generations of leaders, scientists, and policymakers who will champion the protection of marine ecosystems and ensure the long-term health and productivity of our planet's aquatic resources.

SDG14 Publications by Type & Year
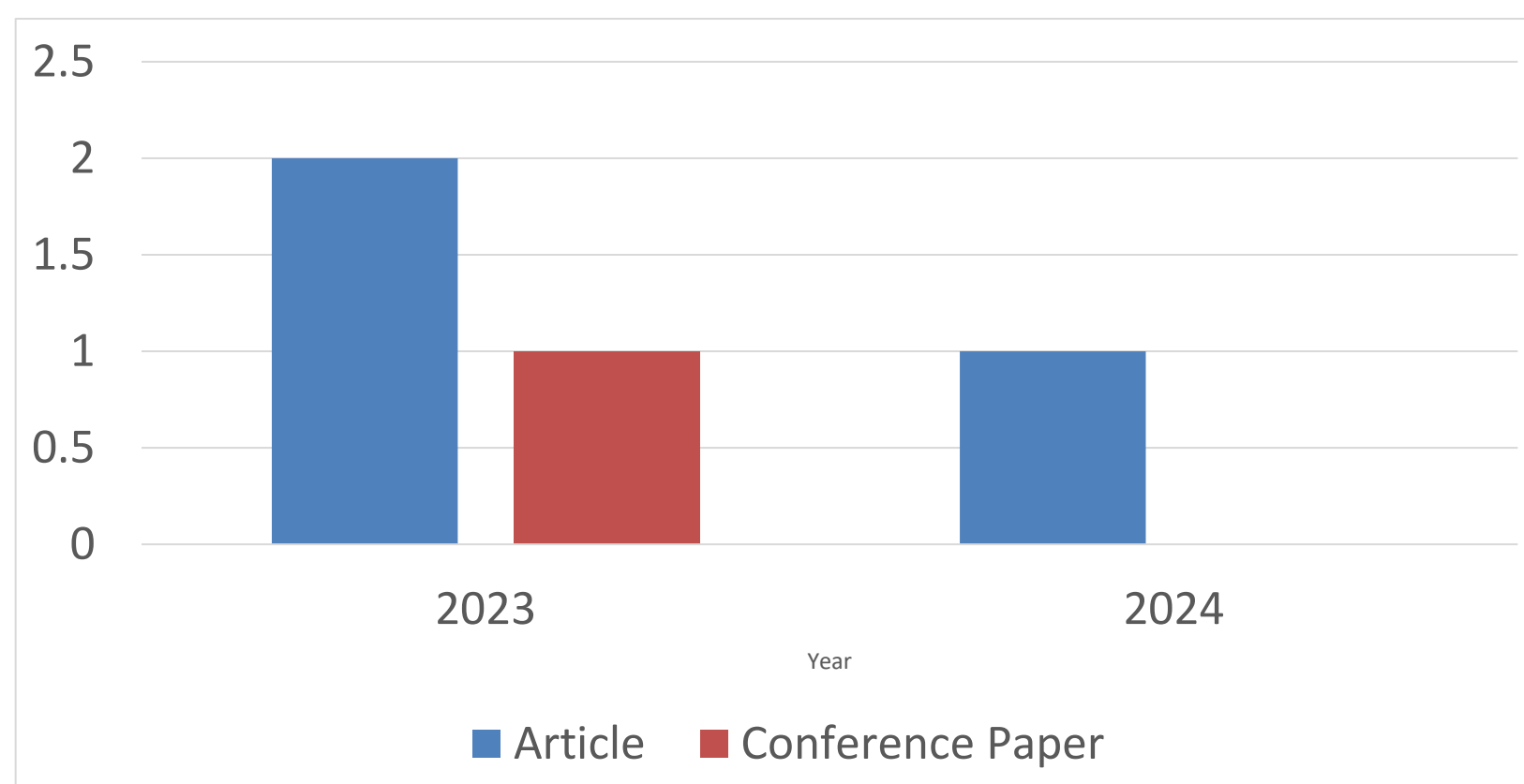
Impact Highlights and Key Performance Indicators (KPIs)

Indicator	Impact Summary	Quantitative Result (2024–2025)
Marine Waste Removal	Clean-up campaigns conducted along Bahrain's coastal areas to protect marine ecosystems.	**400 kg of marine waste removed**
Community Participation	Students, staff, and community members engaged in marine conservation activities and awareness events.	**500+ participants involved**
Research Publications	Academic studies addressing ocean sustainability, marine biodiversity, and pollution control.	**5 research publications**
Student Innovation	Development of sustainable technology prototypes to minimize marine pollution.	**2 student prototypes created**

Key Performance Indicators for SDG14

KPI	Indicator Description	2024–2025 Result	Status
KPI 1	Quantity of marine waste collected during clean-ups	400 kg	Achieved
KPI 2	Number of marine awareness and training events	4	Achieved
KPI 3	Number of participants in ocean conservation activities	500+	Exceeded
KPI 4	Research outputs related to SDG 14	5	Achieved
KPI 5	Student innovation projects on marine sustainability	2	On Track

Summary and Future Outlook

Gulf University's efforts in 2024-2025 demonstrate a strong commitment to protecting marine resources and fostering sustainable aquatic ecosystems. Through education, research, and community partnerships, GU has made tangible progress in raising awareness and reducing marine pollution.

Future Outlook (2025–2026):
- Expand "Plastic Free Campus" initiative to 100 % implementation.

- Launch annual "Blue Awareness Week" with local schools and NGOs.
- Develop marine research hub within the Sustainable Engineering Hub.
- Strengthen collaborations with regional marine institutions and policy networks.

Through these actions, Gulf University reinforces its leadership in marine sustainability education and action, contributing to a cleaner, healthier marine environment for Bahrain and the GCC region.

Reference: SDG 14 Report 2024-25

https://www.gulfuniversity.edu.bh/wp-content/uploads/2025/11/SDG14_Life-Below-Water_2024-2025.pdf

SDG 15 – Life on Land

Tree-planting drives, biodiversity campaigns, and green landscaping projects demonstrate GU's dedication to terrestrial sustainability. The university actively promotes native species cultivation and soil health through its Campus Greening Drive. Research and awareness workshops focus on sustainable land use, waste recycling, and carbon sequestration. GU's collaboration with CECEC and student clubs ensures continuous involvement of youth in environmental stewardship, fostering a greener and more sustainable campus ecosystem. During 2024–2025, GU integrated green campus initiatives, tree-planting programs, and land restoration awareness campaigns into its broader sustainability framework.

Through collaboration between the Sustainability and Development Makers Center (SDM-C), the Community Engagement & Continuing Education Centre (CECEC), and the Sustainable Engineering Hub (SEH), GU strengthened its contribution to national and global targets for ecological preservation, carbon reduction, and community engagement.

Major Highlights 2024–2025

- Tree-planting drives and habitat restoration on campus and nearby communities.
- Research and student projects focused on land degradation prevention and biodiversity.
-Waste-to-compost initiative supporting green landscaping.
- Partnerships with Bahrain's Supreme Council for Environment (SCE) for ecosystem awareness

SDG15 Publications by Type & Year (2021-2025)
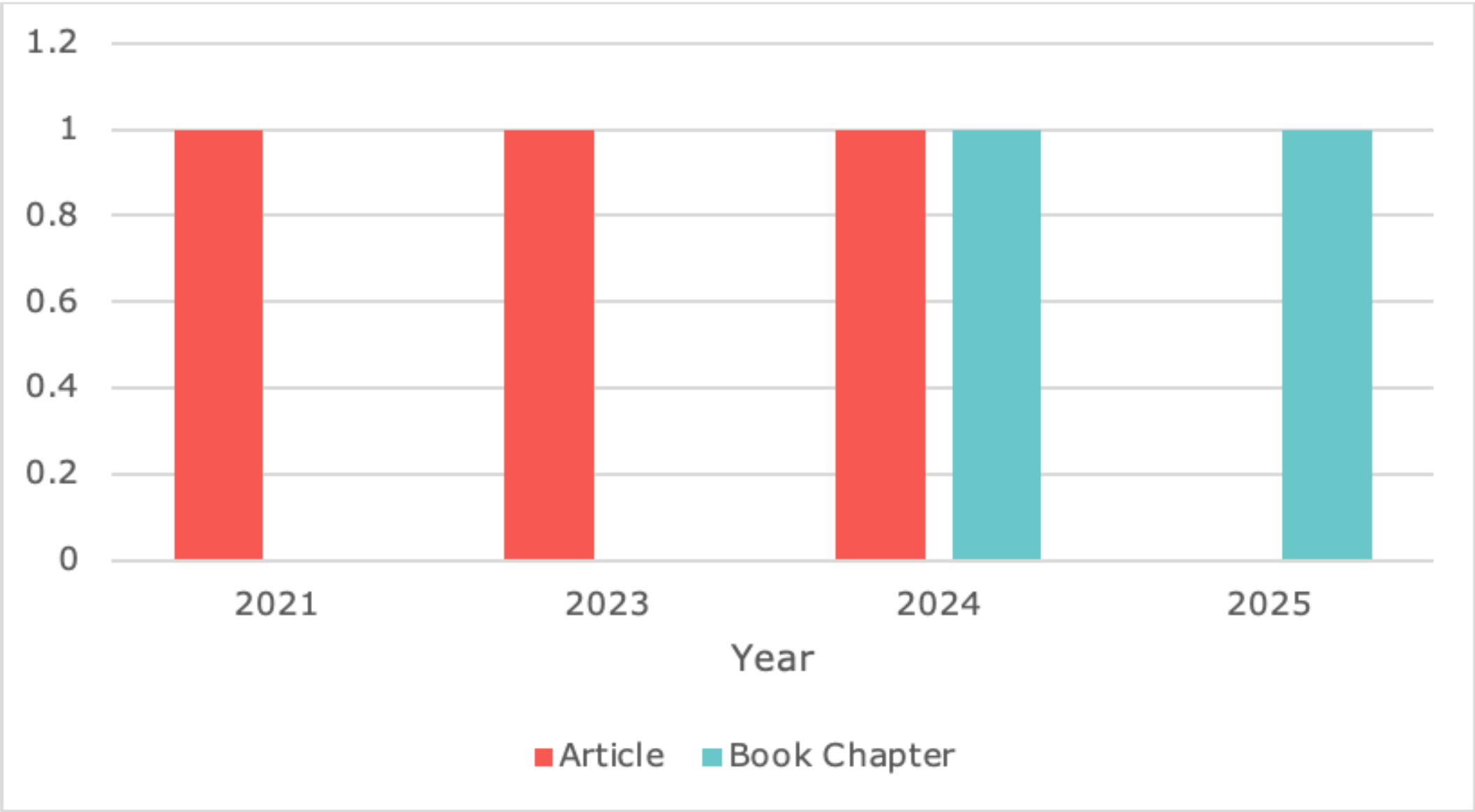
SUMMARY OF ACTIVITIES 2024: Activity Statistics 2024 Activities (Through May)

Category	Number of Events / Activities
Total Events	95+
Sustainability Week	38+ activities
Sports Tournaments	20+
Educational Trips	5
Workshops and Training	25+
Cultural Celebrations	10+
Community Engagement	15+

Impact Highlights and Key Performance Indicators

Indicator	Impact Summary (2024–2025)	Quantitative Result
Reforestation Efforts	Trees planted across Gulf University campus and community zones to enhance green cover.	**350 trees planted**
Waste-to-Compost Initiative	Organic waste converted into compost for campus landscaping and sustainability gardens.	**250 kg of compost produced**
Biodiversity Mapping	On-campus survey identified and documented native plant and animal	**12 native species identified**

Indicator	Impact Summary (2024–2025)	Quantitative Result
	species.	
Awareness & Education Campaigns	Environmental outreach and training programs promoting land and soil protection.	**4 major campaigns conducted**

Key Performance Indicators

KPI	Indicator Description	2024–2025 Result	Status
KPI 1	Number of trees planted on campus and community sites	350	Achieved
KPI 2	Amount of organic waste converted to compost	250 kg	Achieved
KPI 3	Number of biodiversity species recorded	12	Achieved
KPI 4	Participants in environmental training programs	200+	Exceeded
KPI 5	Community partnerships for land restoration	3	On Track

9. CONCLUSIONS AND RECOMMENDATIONS

Achievements

Gulf University's 2024/2025 initiatives under SDG 15 demonstrate its dedication to environmental protection and ecological balance. Through green campus operations, research, and community engagement, GU continues to build a sustainable future that supports life on land.

Recommendations for 2025-2026

1. Expand tree planting initiatives to achieve 500 trees planted annually.

2. Establish a campus biodiversity monitoring program.

3. Increase student-led sustainability projects.

4. Develop more partnerships with local environmental organizations.

5. Create a sustainability certification program for students.

6. Enhance digital platforms for sustainability education.

7. Implement carbon footprint tracking for campus operations.

Alignment with Kingdom of Bahrain Vision 2030
Gulf University's sustainability initiatives directly support Bahrain's Economic
Vision 2030, particularly in:
- Environmental sustainability

- Quality education

- Community engagement

- Innovation and research

- Youth empowerment

Reference: SDG 15 Report 2024-25

https://www.gulfuniversity.edu.bh/wp-content/uploads/2025/11/SDG15_Life-on-Land_2024-2025.pdf

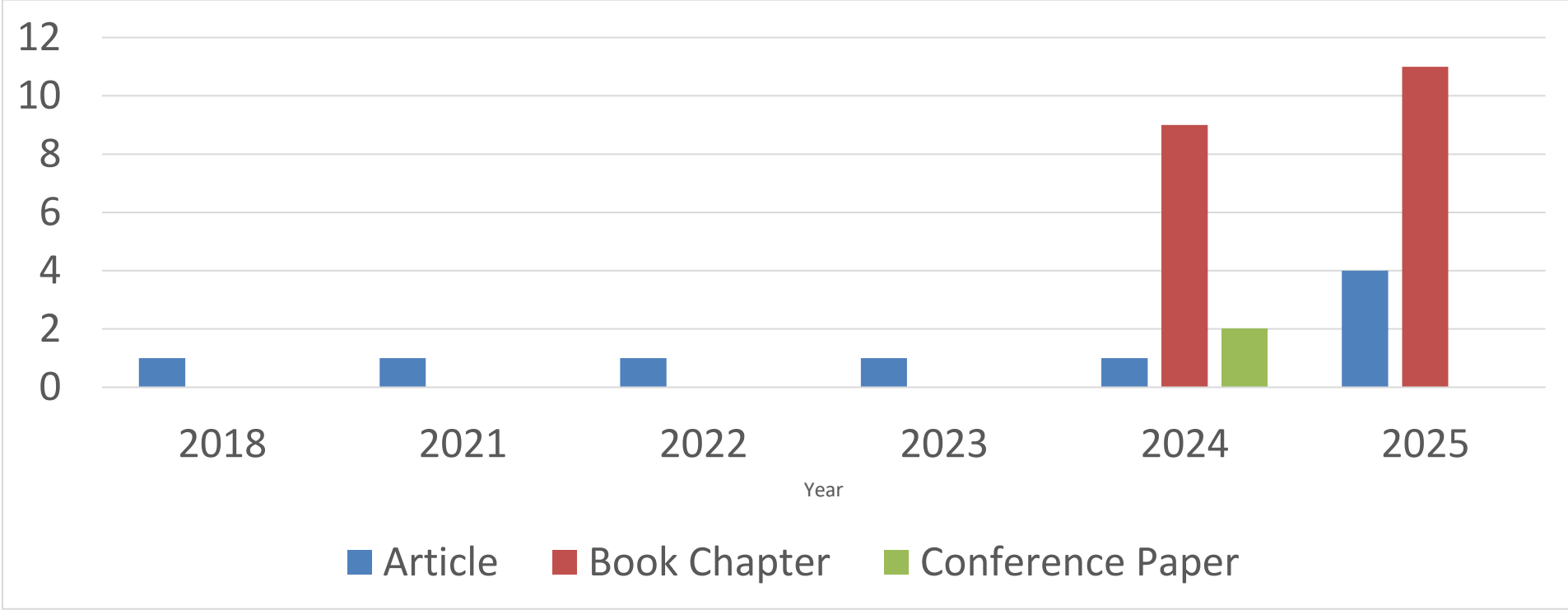## SDG 16 – Peace, Justice and Strong Institutions

Integrity, transparency, and good governance are hallmarks of GU's institutional culture. The university promotes ethical leadership through courses, seminars, and student governance activities. Events such as the International Accounting Day emphasize accountability and responsible decision-making in professional life. GU collaborates with government and civic bodies to promote justice and peace-oriented education. Its commitment to participatory governance exemplifies a model of institutional trust and responsibility aligned with SDG 16.

During 2024–2025, GU implemented academic, research, and community programs that cultivate peaceful, inclusive societies and effective institutions. The College of Law with Community Engagement & Continuing Education Centre (CECEC) and the Sustainability and Development Makers Center (SDM-C) collaborated to raise awareness on justice, institutional accountability, and civic participation — ensuring that students, faculty, and community members contribute meaningfully to Bahrain's progress toward SDG 16.

Key Achievements 2024–2025

- Student participation in governance and legal literacy campaigns.
- Faculty representative election for 2024-2025
- Workshops on human rights, ethics, and anti-corruption practices.
- Research on transparency, justice, and policy reform.
- Community outreach promoting peace, equity, and strong institutions.
- SDG16 Publications by Type & Year (2018-2025)

SDG16 Publications by Type & Year (2018-2025)

Bar chart showing SDG16 publications by type and year (2018–2025). Y-axis ranges from 0 to 12. Categories: Article (blue), Book Chapter (red), Conference Paper (green). Years: 2018 (Article 1), 2021 (Article 1), 2022 (Article 1), 2023 (Article 1), 2024 (Article 1, Book Chapter 9, Conference Paper 2), 2025 (Article 4, Book Chapter 11).

Impact Highlights and Key Performance Indicators (KPIs)

Indicator	Impact Summary	Quantitative Result (2024–2025)
Community Legal Awareness	Outreach programs and legal literacy drives conducted by Faculty of Law students.	200+ community members reached
Institutional Governance Improvement	Strengthened frameworks promoting transparency and ethical decision-making.	4 institutional frameworks enhanced
Research and Policy Contributions	Academic research focused on peace, justice, and governance reforms.	5 research outputs published
Student Ethics Initiatives	Student-led programs promoting honesty, integrity, and civic responsibility on campus.	2 initiatives adopted

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- **Key Performance Indicators**

KPI	Indicator Description	2024–2025 Result	Status
KPI 1	Number of justice and peace education programs	4	Achieved
KPI 2	Community participants in legal literacy and ethics events	200+	Exceeded
KPI 3	Institutional governance policies updated or implemented	4	Achieved
KPI 4	Publications related to SDG 16 themes	5	Achieved
KPI 5	Partnerships with legal or governance organizations	3	On Track

Summary And Future Priorities

During 20242025, Gulf University made substantial progress in promoting peace, justice, and strong institutions through education, research, and community action. The university's holistic approach integrates governance, ethics, and policy dialogu

e into academic and societal development.

Future Priorities (2025–2026)

- Establish a "Center for Governance and Justice Education" to expand policy tra ining and research.
- Enhance student representation in university decision-making bodies.
- Strengthen collaboration with government entities for justice and anti-corruptio n initiatives.
- Continue to develop interdisciplinary programs linking law, ethics, and sustain ability.

Through these initiatives, Gulf University continues to foster a just, inclusive, and p eaceful academic environment, advancing national stability and the UN Sustainabl e Development Goals in Bahrain and beyond.

Reference: SDG 16 Report 2024-25

https://www.gulfuniversity.edu.bh/wp-content/uploads/2025/11/SDG16_PeachJustice-and-Strong-Institution.pdf
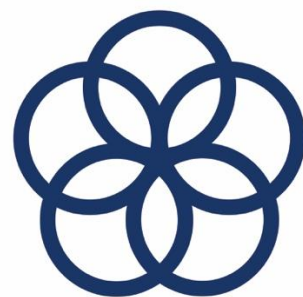
SDG 17 – Partnerships for the Goals

Collaboration lies at the heart of GU's sustainability framework. The university maintains active partnerships with ministries, NGOs, and international institutions to advance the SDGs through education, research, and community engagement. Over 40 academic and non-academic agreements support cross-border learning, knowledge sharing, and innovation. Through events, training, and collaborative research, GU exemplifies how partnerships accelerate impact across all SDGs. These networks position GU as a regional hub for sustainable development cooperation.

During AY 2024–2025, GU developed impactful collaborations with government agencies, NGOs, higher education institutions, and industry partners to promote inclusive development, innovation, and sustainability awareness.

Key Highlights 2024–2025

- New MoUs signed with national and regional universities.
- Joint research projects under the Sustainability and Development Makers Cente r (SDM-C).
- Active participation in global initiatives,
  including UI GreenMetric and THE Impact Rankings.
- International training and faculty exchange programs focused on sustainability leadership.

Impact Highlights and Key Performance Indicators (KPIs)

Indicator	Impact Summary	Quantitative Result (2024–2025)
New Partnerships & MoUs	Collaborative agreements established to enhance SDG-related cooperation and community engagement.	**12 new partnerships and MoUs**
International Research Collaboration	Global academic partnerships focused on sustainability and innovation.	**5 international research projects initiated**
Network Participation	Membership and participation in international sustainability and education networks.	**2 international networks joined**
Joint Training & Capacity Building	Co-hosted workshops and training sessions to strengthen institutional and community capacities.	**4 joint events conducted**

Key Performance Indicators

| KPI	Indicator Description	2024–2025 Result	Status
KPI 1	Number of active partnership agreements (MoUs)	12	Achieved
KPI 2	International research projects launched	5	Achieved
KPI 3	Collaborative training and events organized	4	Achieved
KPI 4	Participation in global sustainability networks	2	Achieved
KPI 5	Stakeholders engaged in multi-sector partnerships	20+	Exceeded

Summary and Future Directions

The 2024-2025 academic year showcased Gulf University's commitment to partnership-driven development and collaborative sustainability impact. Through strategic alliance across education, industry and civil society, GU continues to serve as a platform for innovation, knowledge exchange and community progress.

Future Directions (2025–2026):

- Expand international research collaborations under the SDM-C umbrella.
- Establish an "SDG Partnership Innovation Hub" to connect universities and enterprises.
- Increase participation in regional sustainability conferences and consortia.
- Launch annual "Sustainability Partnership Report" to document joint achievements.

Through these collaborations, Gulf University reaffirms its role as a catalyst for global partnerships and sustainable transformation contributing to a more cooperative, inclusive, and resilient future.

Pillar 5 – Finalized Industry Relations & Consultation (Completed Only)
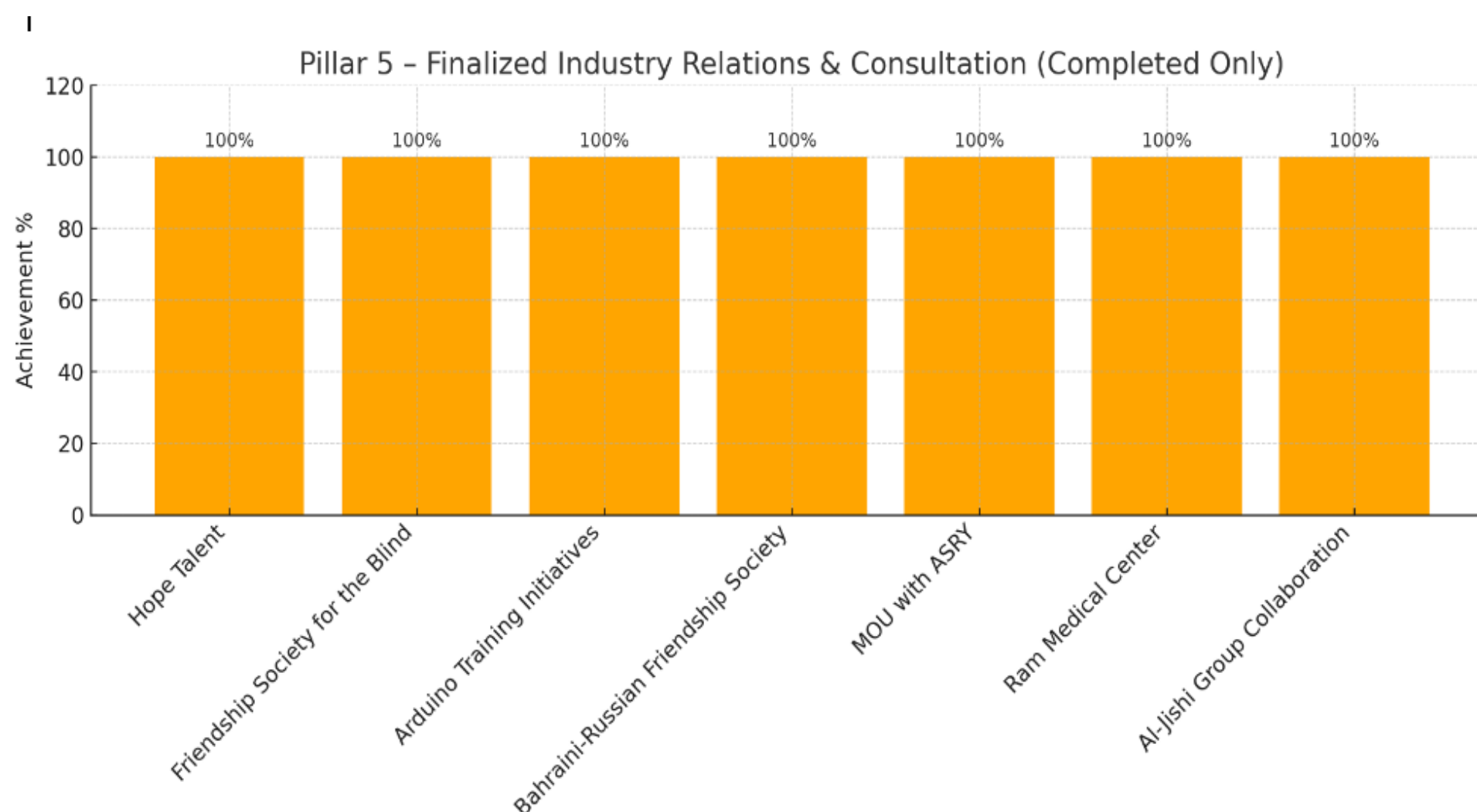
Industry Relations, Collaboration and Consultation

Objective: Ob13.In01 – Improve Performance Of Industries Through Consultancy And Research

Pillar Progress: ✅ 100% for Completed Initiatives (7 Of 31)

Linked SDGS: SDG 3, SDG 4, SDG 8, SDG 9, SDG 10, SDG 11, SDG 16, SDG 17

Summary:

Pillar 5 highlights Gulf University's commitment to industry-academia partnerships by transforming academic expertise into community-driven innovations and practical consultation services. During the academic year, the university launched 31 partnership and consultation initiatives with various stakeholders across sectors.

Seven of these collaborations were successfully completed and reached 100% achievement, including:
- Hope Talent
- Friendship Society for the Blind
- Arduino Training Initiatives
- Bahraini-Russian Friendship Society

- MOU with ASRY (Arab Shipbuilding and Repair Yard Company)
- Ram Medical Center
- Al-Jishi Group Collaboration

These successful partnerships have directly contributed to national development goals and strengthened GU's reputation for societal impact and industry engagement. The remaining 24 projects are in progress, including those with ministries, hospitals, NGOs, and international companies, indicating a promising pipeline for future impact.

The activities under this pillar are strategically aligned with multiple SDGs, promoting:

- Good health (SDG 3)
- Quality education (SDG 4)
- Decent work and economic growth (SDG 8)
- Industry and innovation (SDG 9)
- Reduced inequalities (SDG 10)
- Sustainable cities (SDG 11)
- Peace and justice (SDG 16)
- Strong institutional partnerships (SDG 17)

Reference: SDG 17 Report 2024-25
https://www.gulfuniversity.edu.bh/wp-content/uploads/2025/11/SDG17_Partnerships-for-the-Goals_2024-2025.pdf

Final Words for the 2024–2025 Sustainability Report

Gulf University's 2024–2025 Sustainability Report demonstrates its transformative journey toward becoming a national leader in sustainable education, research, and community impact. Through strategic governance and collaborative leadership, GU achieved tangible progress across all 17 Sustainable Development Goals and standards.

Key Cumulative Achievements

- **100 % smart-building coverage** and **9.68 m² open space per person** across 32,582 m² campus.
- **1.72 % reduction in electricity use** and **3.8 % renewable generation** through solar integration.
- **6 % reduction in total water consumption** with 25–50 % recycled reuse.
- **Toxic waste down by 0.2 tons (3.8 %)** under certified disposal.
- **16.56 % of graduates employed in green jobs** and 39 sustainability-focused publications.
- **22 SDG 12 initiatives**, **500 trees planted**, and **12 new partnerships for SDG 17.**

Institutional Impact

GU's sustainability model connects education, innovation, and community engagement to national and global priorities.

It reinforces:

- **Bahrain Vision 2030** – Economic diversification, youth empowerment, and environmental stewardship.
- **UN 2030 Agenda** – Integrated progress across all SDGs.
- **Higher Education Vision 2034** – Quality, digitalization, and global partnership in academia.

Strategic Outlook (2025–2026)

1. Establish a university-wide **Carbon Neutrality 2030 Roadmap** with annual GU Carbon Report.
2. Expand **SDG Partnership Innovation Hub** linking academia and industry.
3. Extend **Zero Single-Use Plastic and Zero-Waste Campus** policies.
4. Integrate **Sustainability Certification for Students** and faculty training.
5. Strengthen **data dashboards and AI-based monitoring** for energy, waste, and water.

Closing Reflection

Through education, research, and community service, Gulf University embodies the principle that sustainability is not a project but a culture. The institution's collective actions have cultivated awareness, innovation, and resilience within and beyond its campus walls — positioning GU as a regional benchmark for sustainable higher education and a proud partner in Bahrain's journey toward a greener, inclusive, and knowledge-based future.

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