

# Southern Technical University - SDG 14 Benchmarking Report

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This report provides an in-depth benchmarking analysis of Southern Technical University's (STU) alignment with SDG 14: Life Below Water. Through comparisons at global, regional, and national levels, this report identifies areas for improvement and strategic opportunities. The document includes an action plan, key activities, key metrics, and suggested KPIs for supporting marine conservation and sustainability initiatives.

## 1. Benchmark Analysis

This section compares STU's performance with other institutions globally, within the Arab region, and within Iraq. Benchmarking offers insights into STU's position and areas where it can improve its SDG 14 alignment.

## 2. Descriptive Statistics Overview

The following table summarizes key descriptive statistics for SDG 14 scores at global, Arab region, and Iraq levels. These statistics provide a baseline for STU to assess its relative standing and identify targets for improvement.

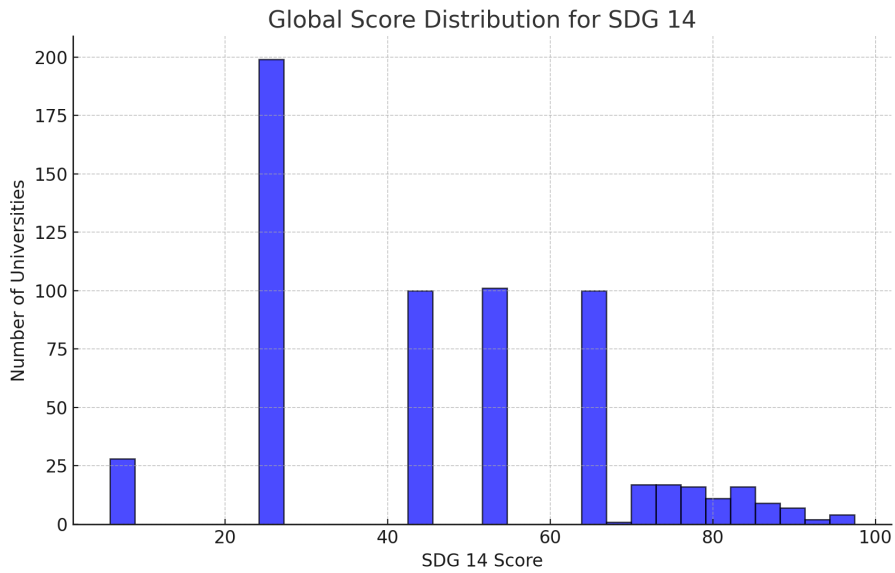
Statistic	Global	Arab Region	Iraq
Count	628.00	76.00	16.00
Mean	46.82	39.76	29.31
Std	21.52	18.02	16.82
Min	5.85	5.85	5.85
25%	25.20	25.20	25.20
50%	44.00	44.00	25.20
75%	64.30	53.50	44.00
Max	97.40	82.90	64.30

## 3. Visualizations

The following visualizations show the distribution of SDG 14 scores at global, Arab region, and Iraq levels, illustrating STU's position.

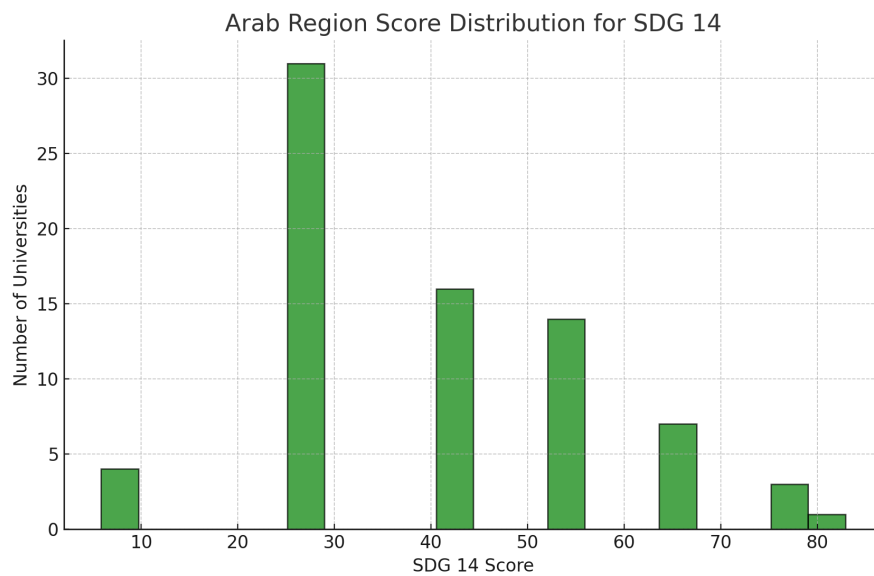
### 3.1 Global SDG 14 Score Distribution

This histogram shows the distribution of SDG 14 scores among universities worldwide.



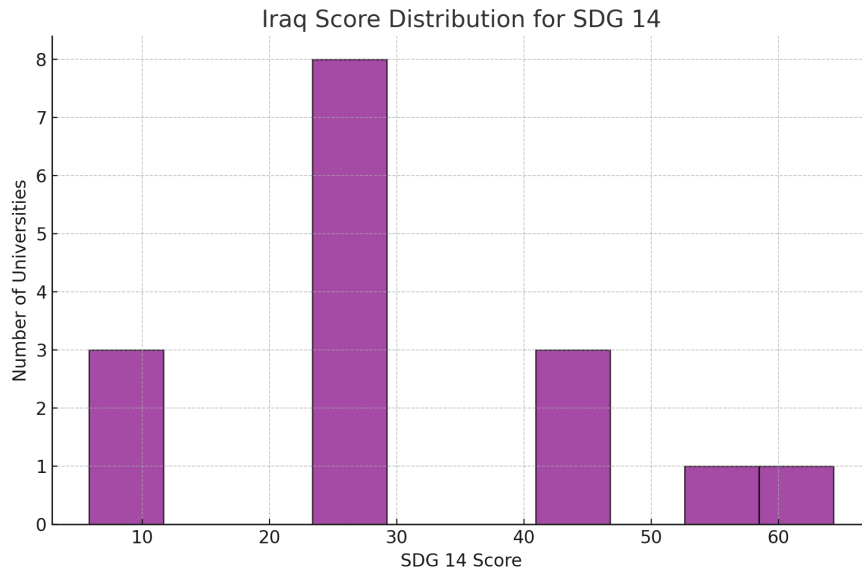
### 3.2 Arab Region SDG 14 Score Distribution

This histogram illustrates SDG 14 score distribution for universities in the Arab region.



### 3.3 Iraq SDG 14 Score Distribution

The histogram below presents the SDG 14 score distribution among universities in Iraq, providing national context for STU's position.



#### 4. Action Plan for SDG 14 Alignment

The action plan provides strategic steps STU can implement to enhance its alignment with SDG 14. The initiatives cover marine conservation, sustainable water usage, and awareness of ocean health issues.

Action	Responsible Unit	Timeframe	Expected Outcome
Implement water conservation and pollution reduction programs on campus.	Facilities Management	Short-term (6 months)	Promotes responsible water usage and reduces pollution.
Organize workshops on marine conservation for students and staff.	Sustainability Office	Ongoing	Increases awareness and engagement in marine conservation efforts.
Collaborate with environmental organizations for coastal cleanup projects.	Community Engagement Office	Medium-term (1-2 years)	Supports marine health and enhances STU's environmental impact.
Monitor water usage and quality on campus.	Institutional Research Office	Ongoing	Tracks STU's progress in sustainable water management.

## 5. Key Activities for SDG 14 Alignment

The following key activities outline specific steps that STU should undertake to support SDG 14. These activities focus on promoting sustainable water practices, marine conservation, and campus water management.

Activity	Objective	Expected Impact
Conduct training on water conservation and marine health for the campus community.	To raise awareness on the importance of conserving marine resources.	Promotes sustainable water practices and protects marine health.
Create a campus marine biodiversity project to engage students and staff.	To support local marine life and promote conservation.	Enhances biodiversity and educates on marine ecosystems.
Organize water sustainability events with the local community.	To involve the broader community in sustainable water practices.	Fosters community awareness and collaboration on marine conservation.

## 6. Suggested KPIs for Monitoring SDG 14

The following Key Performance Indicators (KPIs) provide measurable targets to track STU's progress toward marine conservation and sustainability. These KPIs support effective tracking of SDG 14 alignment and sustainable water management goals.

Metric	KPI	Description
Water consumption reduction rate on campus.	Year-over-year decrease in water usage	Measures STU's commitment to reducing water consumption.
Participation rate in marine conservation events.	Percentage of campus community involved in marine events annually	Tracks engagement in marine conservation efforts.
Recycling and waste reduction rate in campus water sources.	Percentage reduction in waste affecting campus water sources	Monitors efforts to maintain clean and sustainable water sources.
Community involvement in coastal or waterway cleanups.	Number of community events focused on marine cleanup	Reflects STU's contribution to regional marine conservation.
Educational programs on marine biodiversity.	Annual number of programs educating on marine biodiversity	Promotes awareness of marine ecosystems and their protection.