

# Southern Technical University - SDG 4 Benchmarking Report

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This report provides a comprehensive benchmarking overview of Southern Technical University's (STU) alignment with SDG 4: Quality Education. This analysis compares STU's performance with other institutions at the global, regional (Arab), and country (Iraq) levels. The report also includes an action plan, key activities, metrics, and suggested KPIs to enhance STU's alignment with SDG 4 and support its inclusion in relevant rankings.

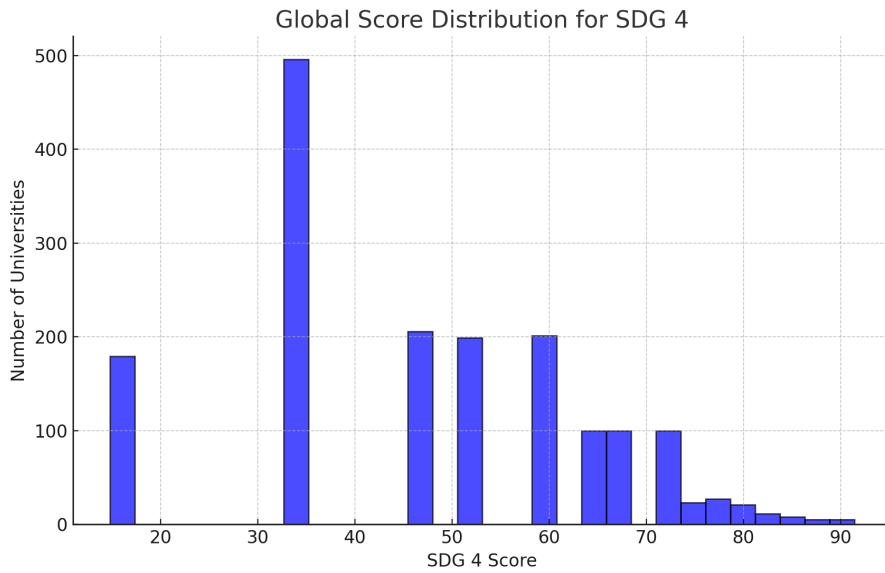
## 1. Descriptive Statistics Overview

The table below summarizes the descriptive statistics for SDG 4 scores across global, Arab region, and Iraqi universities. These insights provide a comparative context that can guide STU's strategic planning and improvement efforts.

Statistic	Global	Arab Region	Iraq
Count	1681.00	280.00	66.00
Mean	47.83	44.23	38.62
Std	17.85	19.19	15.33
Min	14.80	14.80	14.80
25%	34.90	34.90	34.90
50%	47.05	47.05	34.90
75%	59.15	59.15	47.05
Max	91.40	86.30	72.00

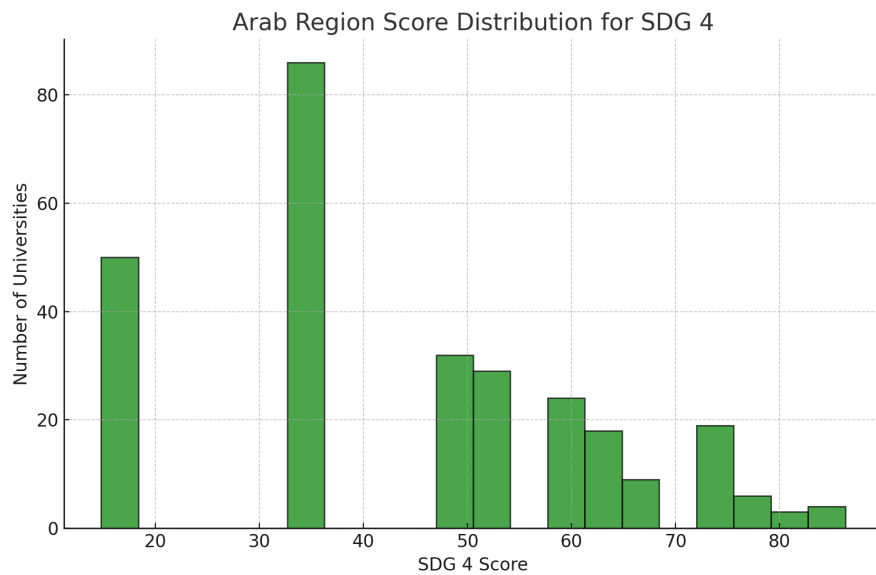
## 2. Global SDG 4 Score Distribution

The histogram below illustrates the global distribution of SDG 4 scores among universities. This visualization highlights the clustering of institutions around the global mean score, indicating common performance levels in SDG 4.



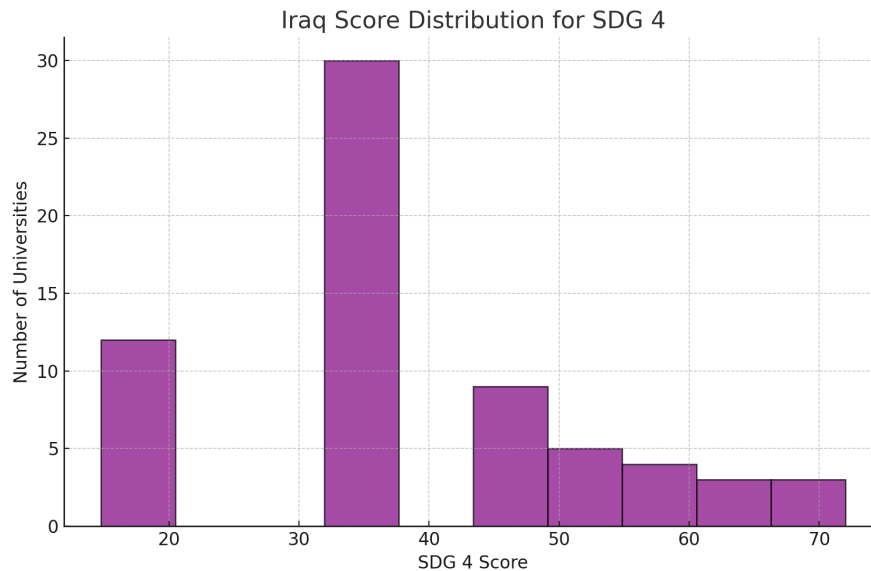
### 3. Arab Region SDG 4 Score Distribution

This histogram focuses on SDG 4 score distribution within the Arab region. The scores reveal that most institutions in the Arab region are generally aligned within a specific range, providing STU with a target range for regional performance.



#### 4. Iraq SDG 4 Score Distribution

The following histogram shows the distribution of SDG 4 scores specifically for universities in Iraq. This data provides a benchmark for STU within its national context, revealing the diversity of scores and indicating areas for targeted improvement.



#### 5. Action Plan for Southern Technical University to Align with SDG 4

The action plan below outlines strategic steps STU can take to improve its alignment with SDG 4. The initiatives cover campus education quality, partnerships with educational organizations, training programs, and data collection for informed decision-making.

Action	Responsible Unit	Timeframe	Expected Outcome
Enhance teacher training programs to improve quality of instruction.	Faculty Development Office	Short-term (6 months)	Boosts the quality of education by equipping teachers with updated teaching methods and tools.
Establish partnerships with international educational institutions for knowledge exchange.	Office of International Relations	Medium-term (1-2 years)	Improves educational quality by bringing in global best practices and resources.
Launch scholarship programs to promote	Student Affairs Office	Ongoing	Increases access to education for students from

equal access to quality education.			diverse socioeconomic backgrounds.
Implement a data collection system for tracking educational outcomes and student success rates.	Institutional Research Office	Short-term (1 year)	Enables data-driven decision making and reporting on educational quality metrics.

## 6. Key Activities for Southern Technical University to Align with SDG 4

The following key activities outline specific steps that Southern Technical University (STU) should conduct to align with SDG 4: Quality Education. These activities focus on improving teaching quality, enhancing educational access, and building partnerships that support STU's mission to provide inclusive, equitable, and quality education for all.

Activity	Objective	Expected Impact
Develop and implement inclusive teaching methodologies to support diverse learning needs.	To provide a supportive learning environment for all students, including those with disabilities.	Enhances the quality of education by making it accessible to students of all abilities.
Organize regular workshops and training programs for faculty on modern teaching techniques.	To continuously improve teaching quality and ensure that faculty are equipped with up-to-date instructional methods.	Improves student learning outcomes and keeps teaching standards high.
Establish mentorship and peer tutoring programs for students to support academic achievement.	To promote peer-led learning and provide additional academic support for students facing challenges.	Encourages a supportive academic community and improves retention and success rates.
Forge partnerships with non-profits focused on education to expand STU's resources and capabilities.	To leverage external expertise and resources for educational program improvement.	Strengthens STU's educational offerings and expands access to quality education.
Introduce digital literacy programs to equip students with essential skills for a knowledge-based economy.	To ensure that students have the skills needed to succeed in a digital world.	Improves employability of graduates and aligns with global educational standards.

## 7. Suggested KPIs for SDG 4 Metrics

The following Key Performance Indicators (KPIs) provide specific targets for each SDG 4 metric. These KPIs help Southern Technical University (STU) quantitatively measure its progress toward aligning with SDG 4 goals, offering clear benchmarks for success in promoting quality and inclusive education.

Metric	KPI	Description
Student enrollment rate in inclusive education programs.	Increase in enrollment rate year-over-year	Tracks the growth in student participation in inclusive education initiatives.
Percentage of faculty trained in modern and inclusive teaching methods.	Percentage of faculty completing annual training	Measures adherence to continuous professional development policies for faculty.
Student satisfaction rate with academic support services (e.g., tutoring, mentorship).	Student satisfaction rate improvement year-over-year	Evaluates student perceptions of the quality and effectiveness of academic support services.
Number of partnerships with educational organizations or non-profits.	Annual increase in educational partnerships	Monitors the expansion of STU's collaboration with external education-focused entities.
Graduation rate and post-graduation employment rate of students.	Percentage increase in graduation and employment rates annually	Assesses the impact of STU's education programs on student success and job readiness.