

# SCAL Sustainable Builder 2025



新加坡建築商公會有限公司  
**THE SINGAPORE CONTRACTORS ASSOCIATION LTD**  
*Building Our Nation Together*

**SCAL**

**Guidelines and Application**

# **SCAL Sustainable Builder Guideline and Application**

## **Introduction**

The objectives of the SCAL Sustainable Builder are:

- To recognize construction companies in Singapore that demonstrated robust environmental sustainability efforts in decarbonization, greenhouse gas (GHG) management and innovative practices.
- To encourage early adoption of sustainable practices to enhance companies' sustainability journeys.
- To align with the goals set in Singapore Green Plan 2030 and Net Zero 2050.

## **Criteria**

- To be eligible, the organisation be an existing SCAL member.
- Companies should receive at least 3 years of GGBS Star for the past 5 years (from 2021 to 30th June 2025.)

## **Entry**

Applicants shall duly complete page 5 to 10 and submit together with supporting documents for the following:

Part 1 (Management Commitment & Sustainability Framework)

Part 2 (Green Strategies)

Part 3 (Carbon Measurement)

Part 4 (Bonus Criteria on Innovation)

## **Judging**

SCAL member companies that receive at least 3 years of GGBS Star certified for the past five years are invited for this recognition as the baseline submission, along with other criteria. Submitted applications will be vetted by the SCAL evaluation panel. Validated submissions will be issued the 'SCAL Sustainable Builder' recognition title, while the top 5 applicants with the highest score will be invited for a physical presentation with one being selected as the 'SCAL Sustainable Champion'.

## **SCAL Sustainable Builder Presentation**

Applicants will be notified via email and thereafter recognized during the SCAL Annual dinner in the presence of industry stakeholders, government agencies and Minister.

Winners will be featured on SCAL website and SCAL newsletters.

Winners may be invited to present their entries during SCAL Events or Seminars.

## **Terms and conditions**

The following terms and conditions apply:

- Applications with inaccurate or incomplete information will be disqualified.
- All applicants are expected to ensure that all submitted documents are correct at the point of submission.
- Entries which the Judging Panel believe/found to be false or exaggerated or unverifiable will be disqualified.
- All winners are expected to work with SCAL to share their achievements with the industries.
- SCAL is not responsible for any loss or damage to entries or supporting materials.
- SCAL will not return any entries or supporting material to the applicant.
- SCAL reserves the right to publicly revoke the recognition should new information surface that would have materially affected the Judging Panel's decision had it been disclosed to the judges.
- The decision of the judges is final. There will be no appeal process.

## **Submission Link**

The submission link for SCAL Sustainable Builder can be found [here](#).

## Evaluation Criteria

S/N	Evaluation Criteria	Scores
1	<b>Management Commitment &amp; Sustainability Framework</b>	<b>25</b>
1.1	<u>Framework and Policies</u> The organization should demonstrate a robust framework led by the top management, including policies set that clearly outlined its commitment towards environmental sustainability.	10
1.2	<u>Measurable KPIs</u> The organization should set measurable Key Performance Indicators (KPIs) and action plans with specific timeline within its sustainability framework.	10
1.3	<u>Tracking Progress</u> Able to demonstrate progress tracking towards specific KPIs.	5
2	<b>Sustainability Management</b>	<b>45</b>
2.1	<u>Employee Training and Awareness</u> Describe the employee training and building of awareness on sustainability practices.	10
2.2	<u>Decarbonisation efforts</u> Decarbonisation efforts like Green materials (e.g. Green concrete), increasing machine's efficiency, new construction processes that reduce consumption of resources)	15
2.3	<u>Electrification of Machinery</u> Electrification of Machineries as well as efficiency of machineries (For example: Electric Vehicles, Battery energy storage system BESS)	10
2.4	<u>Sustainable Waste Management Practices</u> Reduction, Reuse, Recycling efforts	5
2.5	<u>Renewable Energy Usage</u> Initiative to use renewable or alternative energy sources (such as solar, hydrogen fuel cell or bioenergy).	5
3	<b>Decarbonisation of Construction Process</b>	<b>30</b>
3.1	<u>Source Data Collection</u> Organizations to demonstrate the consideration of types of data collected at company level (for e.g. Diesel, Water, Electricity & Wastage).	10

3.2	<u>Embodied Carbon Calculation</u> Using suitable platforms, whether digital tools like Excel or specialized carbon management software in calculating embodied carbon.	5
3.3	<u>Carbon Reporting</u> Organisation should provide reasonable evidence to verify that the data submitted is factual and accurate. They should also provide the previous year's report.	15
<b>Total Score</b>		<b>100</b>
<b>4</b>	<b>Bonus Criteria -</b>	<b>8</b>
4.1	<u>Innovation</u> Organizations should be able to share any innovative solutions or unique methods that contribute positively to green goals, whether through technology, process improvement, or employee initiatives. (not including BESS, or any other existing products available in the market)	2
4.2	<u>Transparency</u> To develop sustainability report or 'Social' reporting and 'Governance' reporting.	2
4.3	<u>Carbon Management</u> Scope 3 Carbon Emission Report	2
4.4	<u>Awards</u> To have GMAP/GMAAP, Healthier Workplace, ECO Office, GGBS Star or other relevant certificates on ESG.	2

### Part 1: General information of Organisation

Particulars of Organisation	
Name of Organisation (as it will appears on the recognition, use Proper case; do not use UPPERCASE)	
Mailing Address	
Number of Employees (Excluding Sub-contractors)	
Account and Corporate Regulatory Registration No. (ACRA)	
Point of Contact Job Title: Name: HP Number: Email Address:	

## Part 2: Management Commitment & Sustainability Framework

### Management Commitment & Sustainability Framework

#### 1.1 Framework and Policies

Describe how your organization demonstrates top management commitment and a structured framework towards environmental sustainability. **(not more than 500 words)**

- Please provide an overview of your organization's sustainability policies and framework.
- How does top management demonstrate commitment to environmental sustainability?

#### 1.2 Measurable KPIs

List and describe the Key Performance Indicators (KPIs) your organization uses to track sustainability progress. **(not more than 500 words)**

- Do the KPIs cover key areas like carbon reduction, energy efficiency, and electrification?
- How often do you review and update these KPIs?

#### 1.3 Tracking Progress

The organization should be able to demonstrate progress tracking towards specific sustainability KPIs. **(not more than 500 words)**

- Does the tracking include both quantitative and qualitative data?

## Part 3: Sustainability Management

### Sustainability Management

#### 2.1 Employee Training and Awareness

Describe your employee training and building of awareness sustainability practices. **(not more than 500 words)**

- How often are the training conducted?
- How many certified GMAP or GMAAP personnel are there?

#### 2.2 Decarbonization Efforts

Describe any decarbonisation efforts like Green materials (e.g. Green concrete), increasing machine's efficiency, new construction processes that reduce consumption of resources. **(not more than 500 words)**

- Are there initiatives like green materials or energy-efficient processes?
- Is there evidence of reduced carbon emissions from these efforts?

#### 2.3 Electrification of Machinery

Provide examples of electrification initiatives for machinery in your organization (e.g., Electric Vehicles, Battery energy storage system BESS). **(not more than 500 words)**

- Describe your efforts to electrify machinery or implement battery storage solutions to reduce carbon impact.
- Efforts to convert Diesel Generated Vehicles to Electric Vehicles (EVs)

#### 2.4 Reduction, Reuse, Recycle

Describe any initiatives or efforts taken related to Reuse, Reduce and Recycle (3Rs) within your organisation. **(not more than 500 words)**

### **2.5 Renewable Energy Usage**

Describe any initiatives by your company to adopt renewable or alternative energy sources (such as solar, hydro, wind or bioenergy). **(not more than 500 words)**

- Are the initiatives scalable and sustainable?

## Part 4: Decarbonisation of Construction Process

### Decarbonisation of Construction Process

#### 3.1 Source Data Collection

Describe the **types of data** your organization collects to monitor sustainability performance (e.g., diesel, water, electricity, and waste). **(not more than 500 words)**

#### 3.2 Embodied Carbon Calculation

Describe how your organization calculates embodied carbon, including the platforms or tools used in the process. **(not more than 500 words)**

- Does the organization report on scope 1 and 2 emissions?

#### 3.3 Carbon Reporting

Support with reasonable evidence that your organization takes to ensure the accuracy and reliability of the data submitted. Do provide previous year's report as well. **(not more than 500 words)**

- To what extent are your data sources accurate?
- How do you determine the quality of the sources?

## Part 5: Bonus Criteria - Innovation

### Innovation in Sustainability

#### 4.1 Innovation

Describe any innovative solutions or unique methods that contribute positively to green goals, whether through technology, process improvement, or employee initiatives. (not including BESS, or any other existing products available in the market) **(not more than 500 words)**

- Examples: technological advancements, process improvements, or employee-driven initiatives.

#### 4.2 Transparency

Describe your organization's efforts in developing sustainability reporting, including social and governance components. **(not more than 500 words)**

- E.g. Fair Employment practices for 'Social' reporting and Business Ethics for 'Governance' reporting.

#### 4.3 Scope 3 Carbon Emissions

Describe your organization's approach to tracking and reporting Scope 3 carbon emissions. **(not more than 500 words)**

- Fuel and energy related activities or Employee commuting emissions

#### 4.4 Awards

List any ESG-related certifications your organization has achieved.

- GMAP/GMAAP, Healthier Workplace, ECO Office, GGBS Star or other relevant certificates on ESG.