



Student Interior Design Project Competition – STEP Green Centre

I. INTRODUCTION

1. PGC organises this competition to encourage students to become involved in a profession that is crucial in assuring a sustainable future for our living environment – the design of a resource efficient **STEP (SusTainability and Environmental Protection) Green Centre.**
2. **The outstanding student design project** will be selected to be considered as part of STEP Green Centre's interior design, to be built in KOMTAR, Penang, Malaysia in 2018.
3. STEP Green Centre will be a creative and lively platform to promote green ideas, sustainable strategies, practices and green technologies. The collections of the centre will be used to produce interactive exhibitions, hands-on exploratory learning activities and other programmes rather than formal text-based approach in order to educate students and the general public about the environment. This learning centre will be a place of stimulating ideas and critical thinking, where the learning process will continuously be active.

II. OBJECTIVES

1. To provide a wide range of design solutions for STEP Green Centre.
2. To promote the development of green and sustainable buildings designs in Penang.
3. A platform for design talents to showcase their creativity and innovativeness in green buildings and sustainable design.

III. PRIZES

1. The winner will receive **Cash Prize RM 5, 000.00 and Certificate of Appreciation**
*All prizes are split equally among the team members.
2. **Special Award** will be awarded to **excellent design.**

IV. ELIGIBILITY

1. The competition is open to all Malaysian students, including those who are studying overseas.
2. Contestants can register individually or as a group.
3. PGC recommends that the project groups should consist of at least two members of an undergraduate Interior Design or Architecture curriculum for the competition. Group members can be from different colleges. All group members must be enrolled during the semester/term in which they contribute to the design.

V. RULES AND REGULATIONS

1. All submitted artworks must be the original creation, concept and design of the contestants and **MUST NOT** be a copy of any other work.
2. All submissions by contestants are non-returnable and shall remain the property of the organiser.
3. The immediate family members of the organisers and individuals living in the same household with the Organisers, Employees of the organisation, Partners, Judges and Agencies, including its affiliated and related companies and their immediate family members are not eligible to participate.
4. Entries that contravene intellectual or industrial property rights will be disqualified. Contestants will be liable for claims by third parties resulting from the contravention. The Organiser shall not be held responsible for any contravention.
5. The judges' decision is final. No correspondence will be entertained.
6. The organiser reserves the right to publicise/ exhibit/use/modify any submitted entry.
7. The Organiser reserves the right to make any changes/ to terminate the competition at any time without any prior notice.
8. **No entry fee is required.**

VI. SUBMISSION REQUIREMENT

1. The design must be able to present the content of the exhibition.
2. The design must be creative and innovative exhibition and to produce interactive exhibitions or hands-on exploratory learning activities.
3. Individual or group contestants are allowed to submit **ONE (1)** entry **ONLY**.
4. You may **register online** or **download** the registration form at www.pgc.com.my
5. Complete the registration form.
6. All Registered contestants will receive an upload instruction via email.

7. Contestants who did **not register** and/or **not qualified**, will **NOT** receive **submission instruction**.
8. **ALL SUBMISSION MUST BE SUBMITTED ELECTRONICALLY** to **stepgreencentre@gmail.com**
9. The submission must be in **PDF format ONLY!**
10. No separate visual aids will be accepted (PowerPoint, YouTube, etc.)
11. Deliverable presentation should consist of a **35-pages maximum technical report** containing:
 - a) Dimension floor plan drawn to scale
 - b) Furniture and materials plan
 - c) 6-10 rendering of the completed space (interior and exterior)
 - d) Additional drawing of the space (elevation, perspective, isometric, axonometric, etc.)
 - e) Additional elements to convey the overall concept. (furniture, fixture specifications, color palettes, wall sections, electrical plan, additional renderings, etc.)
 - f) In PDF format only. Font size should be 11 pts, utilizing either Arial or Times New Roman.
12. Entry must be submitted by **15th AUGUST 2017, 11.59 p.m**

VII. JUDGING CRITERIA

1. Contestants must present **four elements: Climate Change, Waste, Water, and Energy.**
2. The Student Interior Design Project Competition aims to encourage students to extend their knowledge beyond the core mechanical systems. The final design level presented may be in a preliminary stage, as the competition's basic intention is to challenge students' imaginative thinking and creativity yet fulfil the **Green Building Index (GBI)** approach to the building exterior and interior designs and all of its systems.
3. The summary of the judging criterias as follows:

Summary of results	Max Points
A) Understanding of Compliance Paths	100
B) Conceptual Design	325
C) Sustainable Sites	150
D) Water Use Efficiency	175
E) Energy Efficiency	150
F) Indoor Environmental Quality	150
G) The Buildings Impact on the Atmosphere, Materials, and Resources	150

H) Construction and Plans For Operation	50
I) Communication of Results	200
TOTAL	1450

A) Understanding of Compliance Paths	Max Points
Team effectively demonstrates knowledge of the Standard and justifies their method of achieving compliance.	50
Overall success in achieving compliance with one of the two compliance paths: a. ALL Mandatory options, prescriptive options explained and justified. b. Mandatory to fulfil GBI requirements.	50
Total	100
B) Conceptual Design	Max Points
The ability to translate and interpret lucidly and creatively of the spaces according to the "Green and sustainable" design concept	100
Design innovation - functionality of the design solution, spatial integration and planning	100
3R - design solution by recycling project	100
Colour – colour innovation, colour harmony and coordination	25
Total	325
C) Sustainable Sites	Max Points
Mandatory-Site Selection: The building is situated on an allowable site and the team has justified the selection.	25
Mandatory-Reduction of Light Pollution: Exterior lighting systems comply with the standard.	25
Prescriptive Option Path: All prescriptive items explained and justified in the write-up.	50
Performance Option Path: Calculations are provided and justified in the write-up.	50
Total	150
D) Water Use Efficiency	Max Points
Mandatory-Site Water Use Reduction: the team has addressed and justified the section.	25
Mandatory-Building Water Use Reduction: the team has addressed and justified the section.	25
Mandatory-Water Consumption Management: the team has addressed and justified the section.	25
Prescriptive Option Path: All prescriptive items explained and justified in the write-up.	50
Performance Option Path: Calculations are provided and justified in the write-up.	50
Total	175
E) Energy Efficiency	Max Points
Mandatory - On-Site Renewable Energy Systems: Team has addressed and justified the section.	50
Prescriptive Option Path: All prescriptive items explained and justified in the write-up.	50
Performance Option Path: Calculations are provided and justified in the write-up.	50
Total	150

F) Indoor Environmental Quality	Max Points
Mandatory - Outdoor Air Delivery Monitoring: Team has addressed and justified the section.	10
Mandatory - Filtration and Air Cleaner Requirements: Team has addressed and justified the section.	10
Mandatory - Building Entrances: Team has addressed and justified the section.	10
Mandatory - Acoustical Control: Team has addressed and justified the section.	10
Mandatory - Daylighting by Toplighting: Team has addressed and justified the section.	10
Prescriptive Option Path: All prescriptive items explained and justified in the write-up.	50
Performance Option Path: Calculations are provided and justified in the write-up.	50
Total	150
G) The Buildings Impact on the Atmosphere, Materials, and Resources	Max Points
Mandatory - Construction Waste Management: Team has addressed and justified the section.	25
Mandatory - Storage and Collection of Recyclables and Discarded Goods: Team has addressed and justified the section.	25
Prescriptive Option Path: All prescriptive items explained and justified in the write-up.	50
Performance Option Path: Calculations are provided and justified in the write-up.	50
Total	150
H) Construction and Plans For Operation	Max Points
Mandatory - Construction: Team has addressed and justified the section.	25
Mandatory - Plans for Operation: Team has addressed and justified the section.	25
Total	50
I) Communication of Results	Max Points
Narrative – Clarity and Organisation	50
Cover sheet	5
Listing of team members and advisors	5
Table of contents	5
References	5
Appendices	5
Clarity	15
Organisation	10
Effective Use of Graphics	25
Effective use of technical drawings	25
Professionalism of presentation	20
Creativity of presentation	20
Effectiveness of conclusions and recommendations - were you sold	60
Penalty - (Project exceeds limits): -50	-50
Total	200

VIII. ANNOUNCEMENT OF WINNER

1. All winners will be notified by mail or called and a public announcement will be made on our website.

CONTACT US:

Penang Green Council (PGC Strategies Sdn Bhd)

Tingkat 46, KOMTAR,

10503 Pulau Pinang, Malaysia.

TEL: +604-250 3321

FAX: +604-250 3323

Visit www.pgc.com.my for further details

