

Africa Wide Green Building Research Challenge 2026

1. Competition Purpose

The Challenge aims to advance sustainable architecture education across African universities. Students will:

- Develop practical design proposals aligned with green building standards.
- Work alongside industry experts to refine submissions.
- Demonstrate strategies achieving **15–20% resource savings** (energy, water, materials) based on EDGE-aligned benchmarks, subject to expert refinement.

2. Proposed Design Challenge (for review)

Task: Design a 21st-century green architecture studio located in any African context.

Submission Criteria:

- Apply green building principles.
- Include a basic environmental impact assessment.
- Show **15–20% improvement** over conventional practices.
- Justify performance using passive design, system selection, materials, and orientation.

3. Student Journey

- **Registration:** via QR code & online form.
- **Orientation & Design Preparation:** introductory sessions and guidance.
- **Design Development:** drafting, iterative design, and mentorship.
- **Final Submission:** submit completed designs by the deadline.
- **Evaluation:** expert review based on rubric and feedback.
- **Awards Ceremony:** celebration of top-performing teams.

4. Design Principles

- Students will not use the EDGE App directly.
- Students must apply **EDGE-aligned thinking** to demonstrate environmental impact and sustainability integration.

5. Roles of Experts

Role	Key Responsibilities
Judges	Assess submissions using approved rubric; provide concise feedback.
Researchers / Country Leads	Review challenge framework; advise on academic & regional relevance.
Mentors / Advisors	Support student teams, review drafts, and guide sustainable design.

6. Key Dates

- **Nov 2025** Finalize framework & materials.
- **Dec 2025 – Feb 2026** Registration & design preparation.
- **6 Mar 2026** Submission deadline.
- **7–15 Mar 2026** Evaluation period.
- **28 Mar 2026** Awards ceremony.
- **Apr 2026** Post-event activities & partnerships.

7. Communication Channels

- Email | WhatsApp | Google Drive | Zoom

8. Contacts

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