

ASIAN HACKATHON FOR GREEN FUTURE 2026

PROJECT PROPOSAL GUIDELINE

Instructions:

- *This document is intended for reference purposes only, providing general guidance to support teams in developing and presenting their Project Proposals, and to help the Organizing Committee better understand each team's proposed solution. While the outline below is not mandatory, teams are strongly encouraged to follow it to ensure clarity, coherence, and completeness.*
- *Teams are encouraged to present their proposals in a concise and well-structured manner, grounded in evidence and real-world data, while demonstrating creativity and originality in their approach.*
- *Submission format: PDF, DOCX, or presentation files (PPT/PPTX/Canva, etc.)*
- *File naming convention: [TeamName]_[ProjectName]_PreliminaryRound.pdf*
- *Recommended length: Maximum of 3 A4 pages (approximately 1,500 words)*

TEAM NAME:

TEAM MEMBERS (Maximum 4 members):

No.	Full Name	Role
1		
2		
3		
4		

1. PROJECT OVERVIEW

1.1 Project Title

.....

1.2 Key challenge areas

(Select ONE key challenge area. Tick ☒ the most appropriate option)

- ☐ Renewable Energy and Low-Carbon Mobility
- ☐ Urban Air Quality and Climate Resilience
- ☐ Water Resources and Climate-Resilient Agriculture

1.3 Solution Category (Tick ☒ the most appropriate option)

- ☐ Mobile App/Web App
- ☐ Software/Platform
- ☐ Hardware / IoT Device
- ☐ Integrated Solution (Hardware + Software)
- ☐ Others (Please specify):.....

1.4 Project Summary

Provide a concise description of your project in 4–6 sentences.

Suggested structure:

- The existing environmental problem
- The proposed solution
- Key technologies applied
- Target beneficiaries

2. CONTEXT AND PROBLEM STATEMENT

- Provide a clear and specific description of the environmental issue being addressed
- Identify the scale and directly affected stakeholders
- Analyze the negative impacts and consequences arising from the identified problem

Guiding Questions (for reference):

- Context: Where and under what conditions does the problem arise?
- Scale: What is the magnitude and geographical reach of its impact?
- Urgency: Why does this issue require immediate attention?
- Stakeholders: Who are the primary groups affected and involved?

3. EXISTING SOLUTIONS AND GAP ANALYSIS

- List similar solutions currently available in the market (if any)
- Analyze the strengths of existing solutions (whether your idea is entirely new or an improvement integrating existing strengths while addressing limitations)
- Identify limitations, gaps, or unresolved issues in current solutions

Guiding Questions (for reference):

- Effectiveness: In what aspects do current solutions fall short?
- Constraints: What barriers limit their implementation, scalability, or adoption (e.g.: financial, technological, or accessibility-related factors)?

4. PROPOSED SOLUTION AND CORE FEATURES

- **Solution Description:** Provide an overview of your idea/product.
 - How does your solution address the problem identified in Section 2?
 - Core Features: List 3–5 key features that your prototype can demonstrate. Briefly describe the function of each feature.

5. INNOVATION & COMPETITIVE ADVANTAGE

- **Innovation:** What are the breakthroughs or innovative aspects of your solution?
- **Competitive Advantage:** How is your solution differentiated and superior compared to competitors identified in Section 3?
- **Feasibility & Development Plan:** Present your development plan for the hackathon phase, outline the post-hackathon roadmap, and assess the feasibility of real-world implementation

6. TARGET GROUPS & POTENTIAL IMPACT

- **Target audience:** Clearly define the end-users who will utilize your product
- **Potential Impact:** If successful, what environmental, economic, social, or community benefits, etc will your project deliver?

7. DESCRIPTION OF TECHNOLOGIES APPLIED

A. Proposed Technologies

- List the technologies, programming languages, frameworks, libraries, algorithms, etc. that your team plans to use

B. System Architecture & Technical Approach

- Describe the technical solution, proposed system architecture, and implementation approach

- Explain how the system operates (e.g.: block diagrams, data flows, microservices architecture)
- Identify key components and their interactions

C. Data and Infrastructure Requirements (if any)

- **Data:** Describe expected data sources
- **Infrastructure:** Specify the hardware, servers, cloud services, etc requirements, necessary for developing and deploying the prototype.

8. REFERENCES: List any key references (academic papers, market research, websites, books, etc.) that informed and supported your project development. Please cite sources clearly.