

## IMPACT REPORT

# GreenMind Hackathon 2025 — Impact Report

*India's largest Sustainable AI Hackathon: outcomes, winners, and lessons learned*

**Official Pre-Summit Event of India AI Impact Summit 2026.** GreenMind Hackathon 2025 was co-organised by Green Computing Foundation (GCF) with Bangalore BioInnovation Centre (BBC), Software Technology Parks of India (STPI), and Karnataka Digital Economy Mission (KDEM). Hosted at Sir M V School of Architecture, Design and Planning, Bangalore. 31 Oct – 15 Nov 2025.

**500+**

Participants

**100+**

Institutions

**25+**

AI Solutions

**25+**

Mentors &amp; Jury

**3**

Tracks

**6**

Sectors Covered

**1**

CoE Launched

**1**

Playbook Released

## About GreenMind Hackathon

GreenMind Hackathon 2025 was a national platform bringing together students, start-ups, corporates, policymakers, and sustainability leaders to co-create climate-conscious, low-impact AI solutions aligned with India's sustainability and digital transformation goals. The hackathon was structured around three tracks — Students, Start-Ups, and Corporates — with solutions addressing challenges across Energy, Healthcare, Real Estate, Manufacturing, Agriculture, and Governance. A defining feature: all solutions were required to be built on CPU-native Kompact AI infrastructure with BirchLogic sustainability tracking, proving that high-impact AI does not require high energy consumption.

## Hackathon Objectives

→ Innovation: Solve real-world problems with creative, practical AI approaches

- Sustainability: Minimise environmental impact through efficient AI practices — CPU inference, edge computing, renewable-powered systems
- Viability: Create solutions with clear business potential and market fit beyond the hackathon
- Impact: Address meaningful challenges across Energy, Healthcare, Real Estate, Manufacturing, Agriculture, and Governance

## Winners & Finalists

### Track 1 — Students

#### ■ Winner — Team: Null Pointers\*

*Solution: Compliance Automation AI · Organisation: JSS Academy of Technical Education*

**Sustainability Impact:** Energy-efficient regulatory compliance using lightweight AI models — automated analysis while reducing computational and carbon footprint.

#### ■ Runner-Up — Team: Coastal Coders

*Solution: AI-Powered Arecanut Harvesting Robot · Organisation: Shri Madhwa Vadiraja Institute of Technology and Management*

**Sustainability Impact:** Safer sustainable agriculture using energy-efficient AI — reducing labour risk and operational emissions in arecanut harvesting.

#### ■ 2nd Runner-Up — Team: Green Tech

*Solution: Solar Powered Autonomous River Cleaner · Organisation: Mangalore Institute of Technology & Engineering*

**Sustainability Impact:** Protected freshwater ecosystems using solar-powered, AI-driven autonomous robots to continuously clean rivers with zero operational emissions.

### Track 2 — Start-Ups

#### ■ Winner — Team: RTI Bot

*Solution: AI-Driven RTI Search · Organisation: RTIwala*

**Sustainability Impact:** Improved transparent access to public information using energy-efficient AI search — reducing computational load while enabling faster, low-carbon citizen services.

#### ■ Runner-Up — Team: Sorteco Innovations

*Solution: AI-Powered Plastic Waste Segregation · Organisation: Sorteco Innovations*

**Sustainability Impact:** Improved recycling efficiency through low-power, edge-based AI — intelligent and scalable plastic waste segregation with near-zero operational emissions.

#### ■ 2nd Runner-Up — Team: Krushi Sahayak

*Solution: AI-Weeding Machine · Organisation: Samsan Innovation & Labs Pvt. Ltd.*

**Sustainability Impact:** Cut chemical usage and pollution by enabling precision weeding through energy-efficient AI — reducing herbicide use by 90% while improving crop productivity.

### Track 3 — Corporates

#### ■ Winner — Team: Tathyashodh

*Solution: Retrofit Measures for Buildings · Organisation: Tathyashodh Development Consultants*

**Sustainability Impact:** Reduced building energy consumption and emissions using AI-driven insights to optimise retrofit decisions and improve overall building performance.

### ■ Runner-Up — Team: Cognitive Crew

*Solution: AI Cancer Care Recommendations · Organisation: Seneca Global IT Services Pvt Ltd.*

**Sustainability Impact:** Democratised advanced cancer care using accurate treatment recommendations through CPU-efficient AI — reducing energy use and healthcare infrastructure costs.

### ■ 2nd Runner-Up — Team: Pragati Dhara

*Solution: Smart Traffic Routing · Organisation: Infosys Ltd.*

**Sustainability Impact:** Reduced urban congestion, fuel consumption, and emissions through real-time, CPU-efficient AI traffic optimisation powered by Kompact AI.

## Key Outcomes & Learnings

- CPU-efficient AI is production-ready: All winning solutions ran on Kompact AI CPU-native inference — proving that GPU is not required for impactful AI deployment at hackathon and beyond.
- Cross-sector impact is achievable: Solutions spanned governance, healthcare, agriculture, smart cities, waste management, and built environments — demonstrating that Sustainable AI is domain-agnostic.
- Student talent is deep: Student teams produced solutions competitive with corporate entries — reflecting strong demand for structured Sustainable AI education such as GCF Academy SATP.
- The startup pipeline is real: RTIwala, Sorteco, and Krushi Sahayak are incubation-ready — with documented sustainability credentials differentiating them in ESG-conscious investor markets.
- Infosys participation signals corporate endorsement: Infosys competing in Track 3 — and winning runners-up — signals that India's largest IT companies are actively building Sustainable AI capabilities.
- The Sustainable AI CoE was launched: GreenMind 2025 marked the formal inauguration of India's first Sustainable AI Centre of Excellence, hosted at Sir MVSA, Bangalore.

## Ecosystem Partners & Supporters

Category	Partners
Strategic Partners	Bangalore BioInnovation Centre (BBC) · STPI · KDEM
Hosting Partner	Sir M V School of Architecture, Design and Planning (Sir MVSA)
Technology Sponsors	VigyanLabs (Micro DC) · Birchlogic (Carbon Tracking) · Ziroh Labs / Kompact AI
Innovation & Growth	SJCE-STEP · AIC BIMTECH · Womennovator · SAP Startup Studio
Outreach Partners	F6S · Service Knowledge Base · T-Hub · Startup Expo
Pre-Summit Status	Official Pre-Event of India AI Impact Summit 2026 (Bharat Mandapam)

## What's Next — GreenMind 2026

GreenMind Hackathon will evolve as an annual national platform. GreenMind 2026 will be held Oct–Nov 2026 with expanded tracks, more universities, a dedicated IndiaAI Mission track using AIKosh datasets, and stronger integration with the Sustainable AI CoE incubation pathway. Register your interest at

greencomputingfoundation.org.

- Selected GreenMind 2025 solutions to enter incubation and acceleration pathways
- Continued mentoring through the Sustainable AI CoE at Sir MVSA
- Follow-on pilots with corporate and public-sector partners
- GreenMind Hackathon 2026 — national edition with IndiaAI Mission track

**Free Sustainable AI learning:** Explore Sustainable AI concepts, ask questions, and calculate carbon footprints at [ecobodhai.in](https://ecobodhai.in) — GCF's free AI-powered learning app. No sign-up required.