

ASSESSMENT TOOL

# Sustainable AI Assessment Scorecard

Rate any AI system across 7 sustainability dimensions to generate a Sustainable AI Score

Operationalises India AI Governance Guidelines (Nov 2025) sustainability principle and GCF's Sustainable AI Best Practices into a single, comparable score. **Maximum score: 70. GCF Certification threshold: ≥ 49.** Use for new AI project evaluation, existing system audits, or vendor due diligence. Score rubric: **3** = Fully met · **2** = Largely met · **1** = Partially met · **0** = Not met

7	21	70	49
Dimensions	Criteria	Maximum Score	Certification Threshold

## 1 Energy Efficiency Max: 10 pts

#	Criterion	3	2	1	0	Score
1	Training kgCO <sub>2</sub> e per final model version is measured and below industry average	■	■	■	■	_____
2	Inference kgCO <sub>2</sub> e per 1,000 queries is measured and tracked monthly	■	■	■	■	_____
3	Inference runs on CPU where GPU is not required, or GPU utilisation is above 85%	■	■	■	■	_____

## 2 Carbon Intensity Max: 10 pts

#	Criterion	3	2	1	0	Score
1	AI workloads scheduled using carbon-aware tooling when grid intensity is low	■	■	■	■	_____
2	AI infrastructure powered by 50% or more renewable energy	■	■	■	■	_____
3	Carbon intensity (kgCO <sub>2</sub> e/1k queries) has decreased year-over-year	■	■	■	■	_____

## 3 Hardware Lifecycle Max: 10 pts

#	Criterion	3	2	1	0	Score
1	AI hardware lifecycle is 5+ years; embodied carbon tracked at procurement	■	■	■	■	_____
2	Model size optimised — no hardware over-provisioning; utilisation above 60%	■	■	■	■	_____
3	End-of-life AI hardware disposed through certified e-waste recyclers	■	■	■	■	_____

## 4 Data Efficiency

Max: 10 pts

#	Criterion	3	2	1	0	Score
1	Training dataset is deduplicated — no redundant storage consuming energy	■	■	■	■	_____
2	Data pipeline is optimised — unnecessary transformations eliminated	■	■	■	■	_____
3	Model uses only the data needed — data minimisation principle applied	■	■	■	■	_____

## 5 Accessibility & Equity

Max: 10 pts

#	Criterion	3	2	1	0	Score
1	AI system is deployable on CPU infrastructure without GPU requirement	■	■	■	■	_____
2	AI system designed for low-bandwidth or limited-connectivity environments	■	■	■	■	_____
3	AI system supports Indian regional languages or relevant local context	■	■	■	■	_____

## 6 Governance & Transparency

Max: 10 pts

#	Criterion	3	2	1	0	Score
1	Model card published with carbon footprint, accuracy, and bias metrics	■	■	■	■	_____
2	AI sustainability KPIs reported to leadership and in ESG/BRSR disclosures	■	■	■	■	_____
3	AI sustainability governance policy exists with named accountability	■	■	■	■	_____

## 7 Social Impact

Max: 10 pts

#	Criterion	3	2	1	0	Score
1	AI system design reviewed for and mitigates identified algorithmic bias	■	■	■	■	_____
2	AI system benefits are accessible to resource-constrained users and organisations	■	■	■	■	_____
3	AI deployment does not create net negative employment without a mitigation plan	■	■	■	■	_____

## Summary Score Sheet

Dimension	Max Score	Your Score
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Energy Efficiency	10 pts	_____
Carbon Intensity	10 pts	_____
Hardware Lifecycle	10 pts	_____
Data Efficiency	10 pts	_____
Accessibility & Equity	10 pts	_____
Governance & Transparency	10 pts	_____
Social Impact	10 pts	_____
<b>TOTAL</b>	<b>70 pts</b>	_____

## Rating Scale

Score	Rating & Certification
63–70	■ Sustainable AI Leader — GCF Platinum Certification eligible
49–62	■ Sustainable AI Practitioner — GCF Standard Certification eligible
35–48	■ Developing — Prioritise Dimensions 1 (Energy) and 6 (Governance) first
< 35	■ High Carbon Risk — Contact GCF for a guided Sustainable AI Assessment