



## Indicative Screening Report

Prepared using HyGOAT Screen for RFNBO + GHCI compliance

Screening ID: GHCI-RFNBO-SAMPLE-LOT1

### Sample Project (Illustrative Output)

Sample Project (Illustrative Output)

India

99

Indicative Compliance Score

### No Gaps Identified

Indicative screening against EU Delegated Acts 2023/1184 + 2023/1185 and India GHCI (MNRE F.No. 353/69/2024-NT)

**INDICATIVE SCREENING: NO BLOCKING GAPS IDENTIFIED**

Generated: 12 May 2026

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### Regulatory Framework References

- EU DA 2023/1184 (RFNBO criteria: additionality, temporal, geographic)
- EU DA 2023/1185 (GHG savings threshold)
- India GHCI (MNRE, April 2025)
- ISO 14067:2018 (Carbon footprint)

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## How to read this report

The Dual report carries two independent verdicts.

Two boundary contexts. One facility decision. Each section below answers a single question that a senior technical, regulatory, or strategy reader can pick up in turn.

#	Section	Reader question
1	Navigation Map	<i>How do I read the two-regime report?</i>
2	Dual Compliance Command Dashboard	<i>Can both tracks proceed in parallel?</i>
3	Two-Regime Boundary Map	<i>Why can the same facility pass one scheme and fail another?</i>
4	Facility Compliance Architecture	<i>What institutional, infrastructure, MRV, and evidence systems are needed?</i>
5	GHCI Certificate Fit and RFNBO Certification Readiness	<i>What applies now under each track?</i>
6	Dual Gap Matrix	<i>Where do the schemes overlap and diverge?</i>
7	MRV and Evidence Stack	<i>What systems and documents can serve both regimes?</i>
8	Parallel Pathway Timeline	<i>What must proceed in parallel?</i>
9	Strategic Priority Board	<i>What should the user fix first?</i>
10	Methodology and Source Register	<i>What rules drove each verdict?</i>

### Two anchors for the rest of the report

- **Boundary anchor (Section 3).** Why a facility can pass GHCI well-to-gate and fail RFNBO well-to-wheel, and what changes between the two scoring paths.
- **Source anchor (Section 10).** The exact regulatory text and references that drove each verdict, with the methodology caveats.


### Pick up by reader role

Reader	Where to start
Strategy / Investment	Section 2 (verdicts) · Section 9 (priorities)
Technical / Engineering	Section 4 (architecture) · Section 7 (evidence) · Section 8 (timeline)
Regulatory / Compliance	Section 3 (boundaries) · Section 6 (gap matrix) · Section 10 (sources)
Certification readiness	Section 5 (split readiness panel)

## Dual Compliance Command Dashboard

### Can both tracks proceed in parallel?

The two verdict cards below are scored independently against their respective lifecycle boundaries. The strategic interpretation strip then names the parallel-track move; the shared-blocker list points at the highest-leverage fixes.

 **GHCI Verdict**

Domestic · well-to-gate

NO BLOCKING GAPS


**Indicative score: 100/100**

**Boundary: well-to-gate**

**Blocking gates: 0**

Threshold context lives in Section 3 (boundary) and Section 10 (source register).

Source: [MNRE Green Hydrogen Certification Scheme \(F.No. 353/69/2024-NT\)](#)

 **RFNBO Verdict**

Export · well-to-wheel

NO BLOCKING GAPS

**Indicative score: 100/100**

**Boundary: well-to-wheel**

**Blocking gates: 0**

Threshold context lives in Section 3 (boundary) and Section 10 (source register).

Source: [Commission Delegated Regulation \(EU\) 2023/1185, Annex C](#)

### Strategic interpretation: Parallel proceed

Both tracks can advance, with evidence workstreams running in parallel.

*The two verdicts above are structurally independent. GHCI screens production-stage well-to-gate emissions; RFNBO screens the full well-to-wheel lifecycle. This report shows two independent verdicts; it never collapses them into a single "dual" decision.*

### Top shared blockers (fix once, benefit both)

 No shared blockers identified at current input level. Each track's evidence pack can advance independently.

Body sections walk through each verdict's evidence. See Section 3 for the boundary explanation and Section 10 for the source register.

## Two-Regime Boundary Map

### Why can the same facility pass one scheme and fail another?

GHCI scores well-to-gate (Scope 1+2) emissions inside the facility boundary. RFNBO scores the full well-to-wheel lifecycle, including transport to the end customer and end-use combustion where applicable. The two thresholds are not directly comparable without their boundary context.

GHCI · Domestic · well-to-gate	RFNBO · Export · well-to-wheel
<p>✓ <b>Includes</b></p> <p>Production (electrolysis or methanol synthesis), grid electricity (with GEF and T&amp;D losses), water treatment.</p>	<p>✓ <b>Includes</b></p> <p>All GHCI inputs PLUS conversion losses, transport to end customer, end-use combustion where applicable.</p>
<p>✗ <b>Excludes</b></p> <p>Downstream transport, end-use combustion.</p>	<p>✗ <b>Excludes</b></p> <p>Nothing within the screened lifecycle.</p>

*Same facility, different scoring boundary.*

### Methodology caveat

The two verdicts are structurally independent. GHCI screens production-stage well-to-gate emissions; RFNBO screens the full well-to-wheel lifecycle. Transport to the end customer is excluded from the GHCI calculation by definition (GHCI is a Scope 1+2 boundary), and is required by RFNBO. The same facility can land on different sides of each scheme's threshold without contradiction.

*References. GHCI: MNRE Green Hydrogen Certification Scheme methodology, F.No. 353/69/2024-NT §57. RFNBO: Commission Delegated Regulation (EU) 2023/1185, Annex C. Full source register in Section 10.*

## Facility Compliance Architecture

### What institutional, infrastructure, MRV, and evidence systems are needed?

The same facility serves both schemes from a single architecture. Each domain row below shows the GHCI and RFNBO readiness signal independently; the shared note captures where the two regimes draw on the same underlying system.

Domain	GHCI	RFNBO	Shared note
Institutional readiness	Not triggered	Not triggered	Project entity, board sign-off, certified roles. Same legal entity files for both schemes.
Infrastructure readiness	Not triggered	Not triggered	Electrolyser, BoP, metering hardware. Hardware footprint serves both regimes.
MRV system	Not triggered	Not triggered	Continuous metering, time-stamping, data archival. One MRV stack underpins both audit trails.
Renewable sourcing	Not triggered	Not triggered	PPA, additionality, temporal and geographic correlation. RFNBO is stricter; GHCI inherits the same evidence.
Verification readiness	Not triggered	Not triggered	BEE-accredited verification agency for GHCI; EC-recognised certification body for RFNBO. Two independent verifiers.
Documentation pack	Not triggered	Not triggered	Project description, GHG audit trail, evidence registry. Single canonical pack with scheme-specific annexes.
Governance	Not triggered	Not triggered	Internal owner per evidence class, escalation path. Same governance covers both certification tracks.

### Reading the badges

**Ready** Evidence underpins both audits.

**Gap** Blocker; remediation required.

**Partial** Some inputs supplied; gaps remain.

**Not triggered** No signal yet for this domain.

The badges read in the order GHCI then RFNBO. Per-domain detail lands in Sections 7 (Evidence Stack) and 8 (Pathway Timeline). The two verdicts are structurally independent throughout.

## Split Readiness Panel

### What applies now under each track?

GHCI readiness is read off the four-stage certificate ladder; RFNBO readiness is read off certification-body engagement state. The two views are independent; neither implies a composite verdict.

### GHCI Certificate Fit · Domestic well-to-gate

Current track: stage 1 of 4 (Concept).



### GHCI decision metrics

GHCI score

**100/100**

Threshold 2 kgCO<sub>2</sub>eq/kgH<sub>2</sub> well-to-gate

GHCI gates

**All clear**

Blocking GHCI gates from G1-G17 set

BEE verification

**PENDING**

BEE-accredited verification agency readiness

### RFNBO Certification Readiness · Export well-to-wheel

#### Certification body engagement

Engagement-ready

No structural blockers identified. CB shortlisting and audit scoping can begin in parallel with facility execution.

### RFNBO decision metrics

Additionality

**PENDING**

Additionality contracts vs Annex C requirement

Temporal match

**PENDING**

Hourly correlation by 2030; monthly until then

Geographic match

**PENDING**

Renewable plant + electrolyser bidding-zone match

*Stage classification is indicative based on self-reported inputs. Certification-body review may revise. The two readiness views are read independently; the report shows two independent verdicts and never collapses them into a single dual decision.*

## Dual Gap Matrix

### Where do the schemes overlap and diverge?

Each domain row shows the GHCI and RFNBO state side by side. The shared-leverage column highlights where one fix unlocks both regimes; remaining rows are scheme-specific follow-ups.

Domain	GHCI	RFNBO	Shared leverage
GHG threshold	No gap	No gap	Shared coverage already in place.
Renewable sourcing	No gap	No gap	Shared coverage already in place.
MRV / data	No gap	No gap	Shared coverage already in place.
Metering	No gap	No gap	Shared coverage already in place.
Verification body	No gap	No gap	Shared coverage already in place.
Documentation	No gap	No gap	Shared coverage already in place.
Institutional readiness	No gap	No gap	Shared coverage already in place.

### Gap distribution

No gaps identified at current input level. Re-screen with full inputs for granular gap analysis.

*Methodology caveat. Gap states default to pending when the screening inputs do not yet drive a granular RAG signal for the domain. The two regimes' boundaries differ (GHCI well-to-gate, RFNBO well-to-wheel); a "shared leverage" call does not imply that a single fix lands the same numerical change in both verdicts.*

## MRV and Evidence Stack

### What systems and documents can serve both regimes?

Each evidence row is tagged with an evidence class. Shared rows can be supplied once and reused for both GHCI and RFNBO; scheme-specific rows apply to one regime only. Governance rows are self-attested and span both tracks.

Required evidence	Class	Status	Implication
Facility identity and project entity	Shared	Supplied	Single legal entity registration covers both regimes.
Production method declaration	Shared	Supplied	One method declaration informs both verdicts.
Continuous metering and MRV log	Shared	Supplied	One Measurement, Reporting and Verification (MRV) stack underpins both audit trails.
Renewable sourcing contract chain	Shared	Supplied	Power Purchase Agreement (PPA) and supply contract trail accepted by both schemes.
GHG audit trail and inventory	Shared	Supplied	Single GHG inventory underpins both verdict computations.
BEE-accredited verification agency appointment	GHCI-only	Supplied	BEE-accredited verification agency on record; GHCI Phase 1 review unblocked.
EC-recognised certification body engagement	RFNBO-only	Supplied	Recognised certification body engaged; RFNBO Phase 1 audit can scope.
Additionality evidence pack	RFNBO-only	Supplied	Additionality contracts and Annex C correlation logs supplied.
Governance owner registry	Governance	Pending	Governance owner registry pending self-attestation.

### 🔧 Fix-once leverage

No shared evidence gaps identified at current input level. Scheme-specific evidence still applies.

*Methodology caveat. Evidence status is self-reported through the screening flow; this table is not a documentary verification. Certification-body review may revise. Two independent verifiers remain (BEE-accredited for GHCI; EC-recognised CB for RFNBO).*

## Parallel Pathway Timeline

### What must proceed in parallel?

Five tracks share the same horizon, but each runs against its own institutional process. GHCI verification and RFNBO certification remain separate; the timeline shows where one action unlocks evidence for both.

Track	0–3 mo	3–6 mo	6–12 mo	12–18 mo
<b>GHCI track</b>	✔ Concept doc (m1)	✔ Facility ready (m4)	⏸ Provisional cert (m9)	⏸ Final cert (m14)
<b>RFNBO track</b>	✔ CB shortlist (m2)	✔ Additionality (m5)	⏸ CB audit (m10)	⏸ RFNBO cert (m16)
<b>MRV track</b>	✔ Metering procurement (m1) ✔ Commissioning (m3)	✔ 12-month log start (m6)	–	–
<b>Renewable evidence</b>	✔ PPA executed (m2)	✔ Additionality docs (m4)	⏸ Correlation reports (m7)	–
<b>Decision gates</b>	⏸ Commit to dual (m0)	⏸ Mid-track go/no-go (m6)	⏸ Final-cert commit (m12)	–

### 📌 Reading the swimlane

✔ **Done:** covered by current input set. ⏸ **Pending:** scheduled, awaits execution. ❌ **Blocked:** depends on a remediation step.

### 📌 Reading the lanes

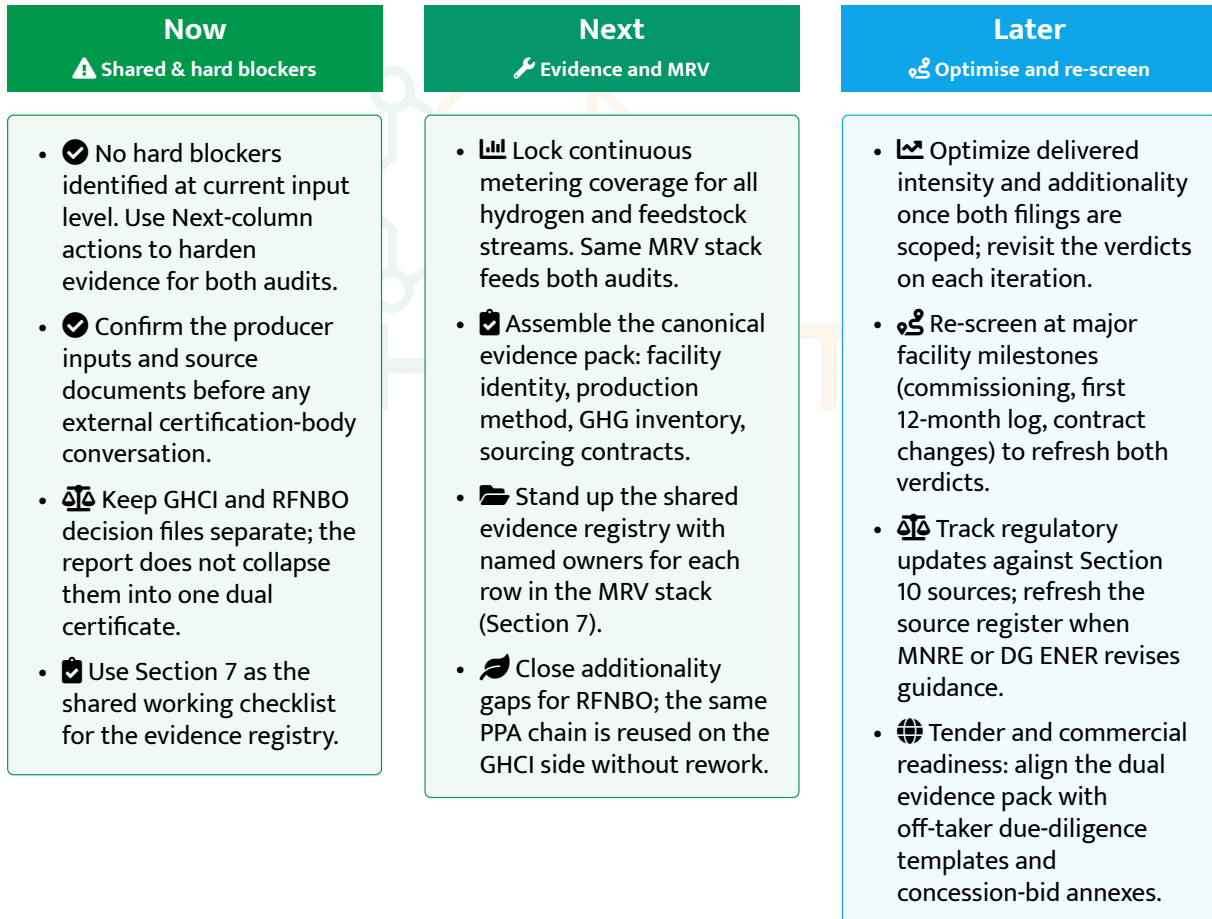
- **GHCI track:** concept doc, facility readiness, provisional certificate, final certificate. BEE-accredited verification.
- **RFNBO track:** CB shortlist, additionality contracts, audit, RFNBO certificate. EC-recognised certification body.
- **MRV track:** shared metering procurement, commissioning, and 12-month log start serve both regimes.
- **Renewable evidence:** Power Purchase Agreement execution, additionality documents, and correlation reports flow into both audit packs.
- **Decision gates:** dual-track commit, mid-track go/no-go, final-certificate commit. User-driven gates.

*Months from screening date. Schedule is indicative; binding dates require certification-body engagement. GHCI verification and RFNBO certification remain separate institutional processes; this report does not collapse them into a composite pathway.*

## ✔ Strategic Priority Board

### What should the user fix first?

The board sorts remaining work by severity and dependency. **Now** carries shared and hard blockers. **Next** carries evidence and MRV work that supports one or both regimes. **Later** carries optimization, source refresh, re-screening, and tender or commercial readiness. The two regimes remain on independent certification tracks throughout.



### 🔧 Fix-once leverage

No shared blockers at current input level. Scheme-specific items still apply per column.

*The columns are independent of any single dual certification pathway: GHCI verification and RFNBO certification remain separate institutional processes. Severity ranking is indicative based on screening inputs; certification-body engagement may revise priorities.*

## Methodology and Source Register

### What rules drove each verdict?

GHCI is scored well-to-gate against the MNRE Green Hydrogen Certification Scheme methodology (F.No. 353/69/2024-NT §57). RFNBO is scored well-to-wheel against Commission Delegated Regulation (EU) 2023/1185, Annex C, with renewable-electricity criteria from Commission Delegated Regulation (EU) 2023/1184. The two regimes' boundaries differ; thresholds are not directly comparable without their boundary context.

### Source register

Framework	Source / Reference	Boundary	Used by
GHCI	<a href="#">MNRE Green Hydrogen Certification Scheme methodology, F.No. 353/69/2024-NT §57</a>	Well-to-gate (Scope 1+2)	GHCI verdict, threshold, and boundary scope
RFNBO	<a href="#">Commission Delegated Regulation (EU) 2023/1185, Annex C</a>	Well-to-wheel (full lifecycle)	RFNBO 3.38 kgCO <sub>2</sub> eq/kgH <sub>2</sub> threshold and lifecycle scope
RFNBO	<a href="#">Commission Delegated Regulation (EU) 2023/1184 (consolidated)</a>	Renewable electricity criteria	Additionality, temporal and geographic correlation rules
RFNBO	<a href="#">Commission Delegated Regulation (EU) 2023/1185, fossil comparator</a>	Fossil comparator basis	94 gCO <sub>2</sub> eq/MJ comparator anchoring the 70% savings rule

### Boundary distinction

GHCI screens **well-to-gate** emissions inside the facility (Scope 1+2): production, grid electricity with GEF and T&D losses, water treatment. RFNBO screens the **well-to-wheel** lifecycle: all GHCI inputs plus conversion losses, transport to the end customer, and end-use combustion where applicable. The same facility can land on different sides of each scheme's threshold without contradiction.

### Evidence-status legend

- **Validated:** Sourced from a primary regulatory or operator document; cited inline.
- **Estimated:** Derived from a conservative literature midpoint where the regulation does not prescribe a value.
- **Heuristic:** Internal screening default applied when inputs are partial; not a regulatory figure.
- **Self-reported:** Captured from the screening flow without documentary verification by HyGOAT.

*This screening report is indicative. It is not a certification, audit, or regulatory submission. GHCI verification and RFNBO certification remain separate institutional processes; this report shows two independent verdicts and does not collapse them into a single dual decision.*

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