

Agentica™

Agentic AI for Sustainability Reporting & Execution

From PAiSE™ platform insights to verified filings and credits automatically.

Evidence → Insight → Action



Inputs

Evidence from Carbon-X / Methane-X / Flare-X (events, meters, photos, economics).

Plan from PAISE (KPI summary, trends/forecast, recommended actions).

Core Actions

Prepare – assemble regulator-ready packs with calc sheets & evidence links.

Validate – QA/QC, standards mapping, policy checks, e-sign workflows.

File – submit & track to portals; create issue / transfer / retire records; publish dashboards.

Standards & Reports

GRI 302/305, EPA GHGRP Subpart W, GHG Protocol (Scopes 1–3), API GHG Template, OGMP L5 attachments.

Credit artifacts: issuance IDs, serials, buyer transfers, benefit-sharing ledger.

Governance & Trust

Role-based approvals • full audit trail • versioning • evidence locking • API/SSO integration.

Success KPIs

On-time filings %, verification pass-rate, time-to-issuance / \$ mobilized, SLA adherence (e.g., super-emitter <15 days), and zero refile errors.

Carbon/Methane/Flare-X → PAiSE → AGENTICA

Sustainability Platform(s) - *Measure & Compute*

- Carbon-X™: Digital MRV & credit lifecycle (issue/transfer/retire); buyer book & benefit-sharing.
- Methane-X™: OGMP L4/5 MRV—super-emitters + LDAR; top-down/bottom-up reconciliation.
- Flare-X™: Flare/vent registry; VRU/Gathering/LPG-CNG/Power sizing & IRR; RFQ/e-auction; metered capture.

PAiSE™ - *Understand & Decide*

- KPIs, trends, forecasts (tCO₂e, CH₄ intensity, flare capture, issuance runway).
- Anomaly alerts (meter drift, double-count, recurrence).
- Recommended action plan with rationale & confidence.

AGENTICA™ - *Execute & File*

- Build standards packs: GRI 305 / EPA Subpart W / GHG Protocol / API.
- Submit & track filings; create issue/transfer/retire records; publish dashboards.
- Orchestrate LDAR work orders, RFQs, payout ledger.

Enterprise Benefits

Compliance & Risk

- On-time GRI / EPA Subpart W / GHG Protocol / API filings with full audit trail
- Super-emitter TTR <15 days; fewer enforcement findings

Revenue & Finance

- Credits issued & sold via Carbon-X; automated benefit-sharing ledger
- Flare gas monetized (LPG/CNG/Power) + avoided penalties

Operations & Cost

- Automated LDAR routes / RFQs / reporting → fewer spreadsheets, faster closes
- Reusable issuance packs; one-click regulator submissions

Data & Governance

- Single MRV data lake; versioning, e-sign, evidence locking
- Policy checks + standards mapping baked into workflows

Market Access & Trust

- Buyer-grade transparency (certified gas / low-CI)
- Public dashboards for communities & investors

Exec KPIs to track

- tCO₂e issued, \$ mobilized, methane intensity, Bscf captured, on-time filings %, verification pass-rate



Thank You

