

Company Profile

AI + MRV + ESG + Verified Emissions Reduction

AI MONITORING / MRV EVIDENCE / ESG GOVERNANCE / VERIFIED OUTCOMES

Prepared for field-trial partners, industrial operators, investors and institutional reviewers.

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Operational decarbonisation for existing equipment.

GIDI Clean Technology integrates lower-carbon fluids, AI-assisted monitoring, measurement, reporting and verification (MRV), and ESG governance.

The intervention is not presented as a universal product guarantee. Each project is defined by its asset, baseline, duty cycle, measurement plan and evidence requirements.

Lower-carbon fluids Drop-in fuel, lubricant and thermal-management pathways for suitable existing assets.	AI monitoring Sensors, thermal imaging and analytics for emissions, temperature and worker exposure.
MRV evidence chain Raw records, timestamps, boundaries, calculations, approvals and independent review.	ESG and finance Decision-grade reporting for operations, procurement and transition-finance discussions.

COMMERCIAL PATHWAY

Verified Emissions Reduction as a Service.

GIDI's Australian pathway is structured around measurable outcomes rather than product volume alone. A 30-60 day pilot establishes the baseline, deploys a defined intervention and produces a decision-ready evidence package.

1. Diagnose Identify the asset, operational problem, risk and decision.	2. Baseline Record fuel, runtime, load, maintenance, temperature and emissions.
3. Intervene Deploy a compatible lower-carbon fluid and/or monitoring configuration.	4. Verify Compare results, document uncertainty and prepare the ESG/MRV package.

TECHNOLOGY MATURITY

Four solutions at clearly separated stages.

Commercial status, field-validation activity and future research remain distinct.

Lower-carbon gasoline - commercialised Field application history in Taiwan; project results remain asset-specific.	Lower-carbon diesel - field validation Generators, agriculture, fleets, heavy equipment and marine.
Lower-carbon lubricant - field validation Compatibility-first evaluation for engines, robotics and industrial equipment.	Lower-carbon coolant - in development Thermal-management research pathway; not presented as commercial.

PRIORITY PARTNERS

Where equipment and measurable operating data intersect.

Priority markets include mining services, generator rental, agriculture, construction, fleets and remote operations.

Field-trial partners Operators with assets, baseline access and a clear operational question.	Technical partners Laboratories, M&V; providers, sensor suppliers and independent reviewers.
Commercial partners Distributors and service providers supporting deployment and aftercare.	Capital partners Investors and financiers focused on measurable industrial decarbonisation.

EVIDENCE BOUNDARY

Evidence before claims.

Individual cases and estimates do not guarantee identical results. GIDI does not claim certification, carbon credits, guaranteed savings or universal compatibility unless the relevant process and evidence support that conclusion.