

FROM REPORTING TO OWNERSHIP

SEA Gas Cultural Change
in Carbon Management

APGA ENVIRONMENT AWARD 2026



Every journey starts with a **challenge**.

Historically, emissions were estimated using generic factors, captured for compliance, and reported after the fact.

The result was a familiar challenge:



Emissions remained largely invisible within day-to-day operations.



Field teams had limited visibility of the environmental impact of their work.



Reporting satisfied compliance obligations but did not drive operational decisions.



Opportunities to prevent emissions before they occurred were often missed.

SEA Gas recognised that achieving meaningful environmental improvement required more than better reporting.

It required changing behaviour.

SEA

Gas



The question that changed everything.

Instead of asking

“How do we report emissions better?”

SEA Gas asked...

**“HOW DO WE STOP
THEM OCCURRING
IN THE FIRST PLACE?”**

That single question reshaped the way we think about carbon management.

Leadership championed the change.

Technicians became active contributors.

Measured data replaced assumptions.

Operational teams began identifying opportunities and delivering improvements from within.

The result wasn't simply better reporting.

It was the beginning of a cultural transformation.



Our transformation.

Building a culture where environmental stewardship is everyones responsibility.



1

Leadership

Environmental stewardship became an executive priority supported by visible leadership, governance and accountability. Commitment net zero by 2050. Target of 50% reduction by 2030.



2

Measured Data

Estimated emissions give way to measured operational data, creating confidence in reporting and enabling better decision-making.



3

Field Ownership

Technicians became central to identifying leaks, reducing venting and continuously improving operational performance.



4

Planning Integration

Carbon management became embedded into work orders, permits, maintenance planning and monthly operational reviews.



5

Practical Innovation

Existing infrastructure was optimised through low-cost engineering improvements that reduced emissions without major capital investment.



6

Continuous Improvement

Carbon management is now part of how **SEA Gas** operates every day – not an initiative, but an operational standard.



Embedded in our everyday. **Integrated into our systems.** Delivering for our future.

Measurable outcomes.

Lasting impact.



97%

REPORTING COMPLIANCE

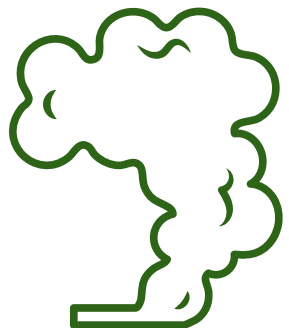
Mandatory field reporting of venting is now embedded into operational processes.



>60%

REDUCTION IN FUGITIVE EMISSIONS

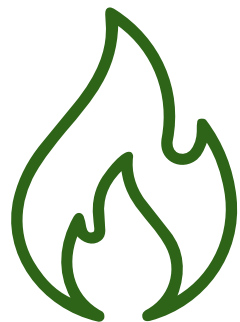
Achieved through prioritised leak detection, repair and field ownership.



12%

REDUCTION IN VENTED GAS

Maintenance practices and planning now actively minimise unnecessary venting.



20%

FUEL GAS SAVINGS

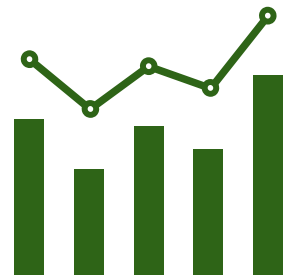
Delivered through heater optimisation at key facilities.



0.5 kt

ANNUAL t CO2-e SAVED

From compressor start-up optimisation projects.



MEASURED

OPERATIONAL DATA

No longer estimated.
Real operational data now informs decisions.

Environmental stewardship is now embedded in every operational decision.

Building a legacy that **lasts.**

The greatest outcome of this program wasn't simply reducing emissions.

It was changing the way an organisation thinks.

Today, environmental stewardship influences planning, maintenance, engineering and operational decision-making across **SEA Gas**.

What began as an emissions reduction initiative, has become a practical operating model for managing carbon risk – one that delivers measurable outcomes today while creating lasting environmental benefits for the future.



True
environmental
leadership isn't
measured by
what we
report.

**It's
measured by
what we
prevent!**

APPENDIX

Supporting Evidence & Documentation

APGA ENVIRONMENT AWARD 2026



Making Emissions **Visible**

Why it mattered

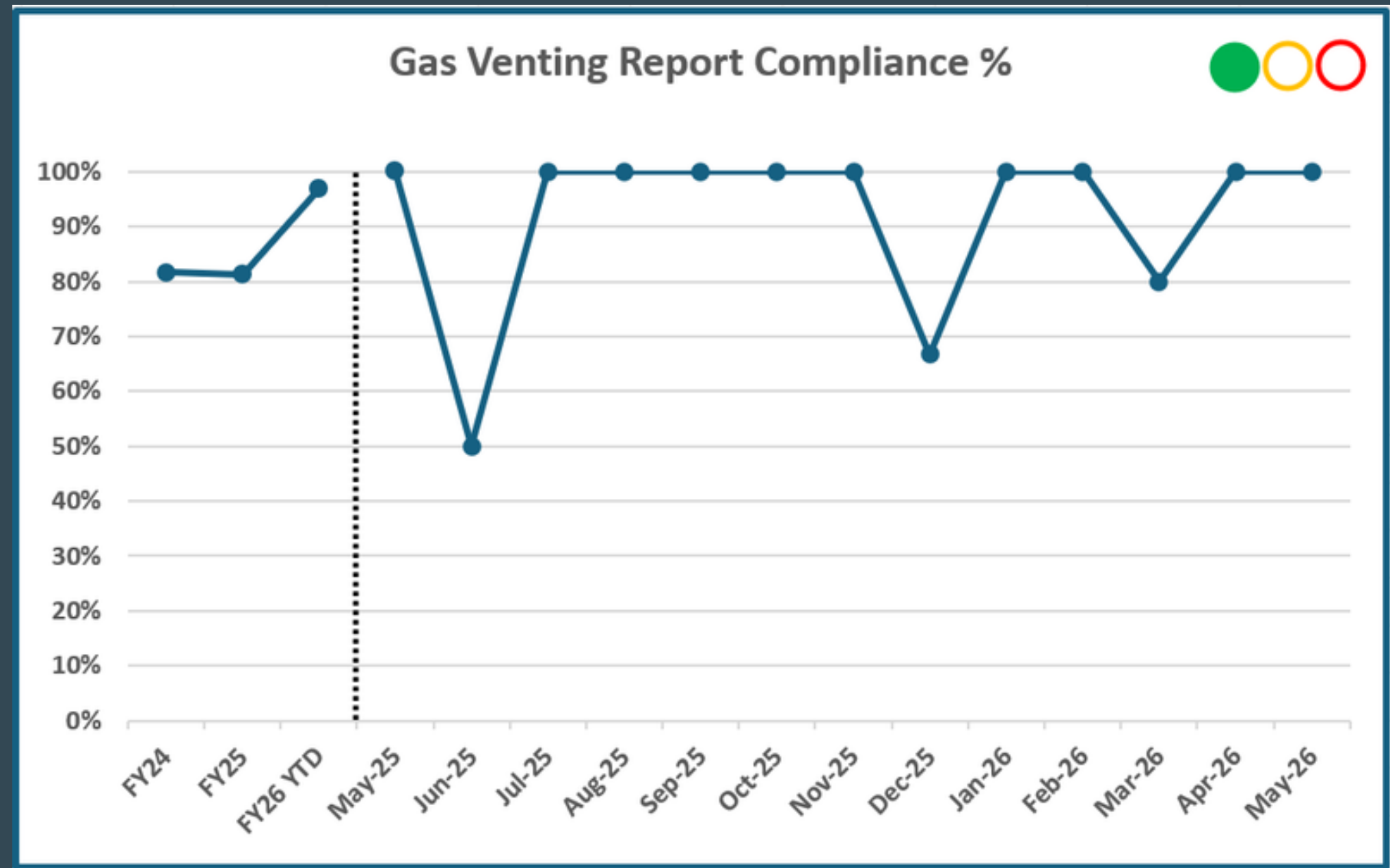
Environmental performance cannot improve if it isn't visible. SEA Gas embedded emissions reporting into everyday operations, ensuring reliable data informed operational and executive decision-making.

Key initiatives

- Introduced mandatory venting reporting via a QR code and online form integrated into the Permit Authority close-out process.
- Embedded venting compliance into monthly operational KPIs.
- Reviewed performance monthly at both operational and Executive levels.

Evidence of Success

Reporting compliance increased from 82% to 97%, making emissions visible, measurable and actionable across the business.



Impact: Reporting compliance increased from 82% to 97%, making emissions visible, measurable and actionable.

Creating Ownership

Why it mattered

Real emissions reductions happen in the field. SEA Gas empowered technicians to identify opportunities, challenge traditional practices and take ownership of reducing emissions as part of everyday operations.

Key initiatives

Embedded emissions reporting into maintenance planning, work instructions and toolbox talks.

Empowered technicians to identify, report and prioritise leak repairs and venting reduction opportunities.

Rolled out the Carbon Action Plan to all field teams with visible support from the CEO and Department Heads.

Evidence of Success

Ownership shifted from simply reporting emissions to actively preventing them. Environmental stewardship became part of everyday decision-making across the field.



Impact: Ownership shifted from reporting emissions to actively preventing them.

Improving Data Integrity

Why it mattered

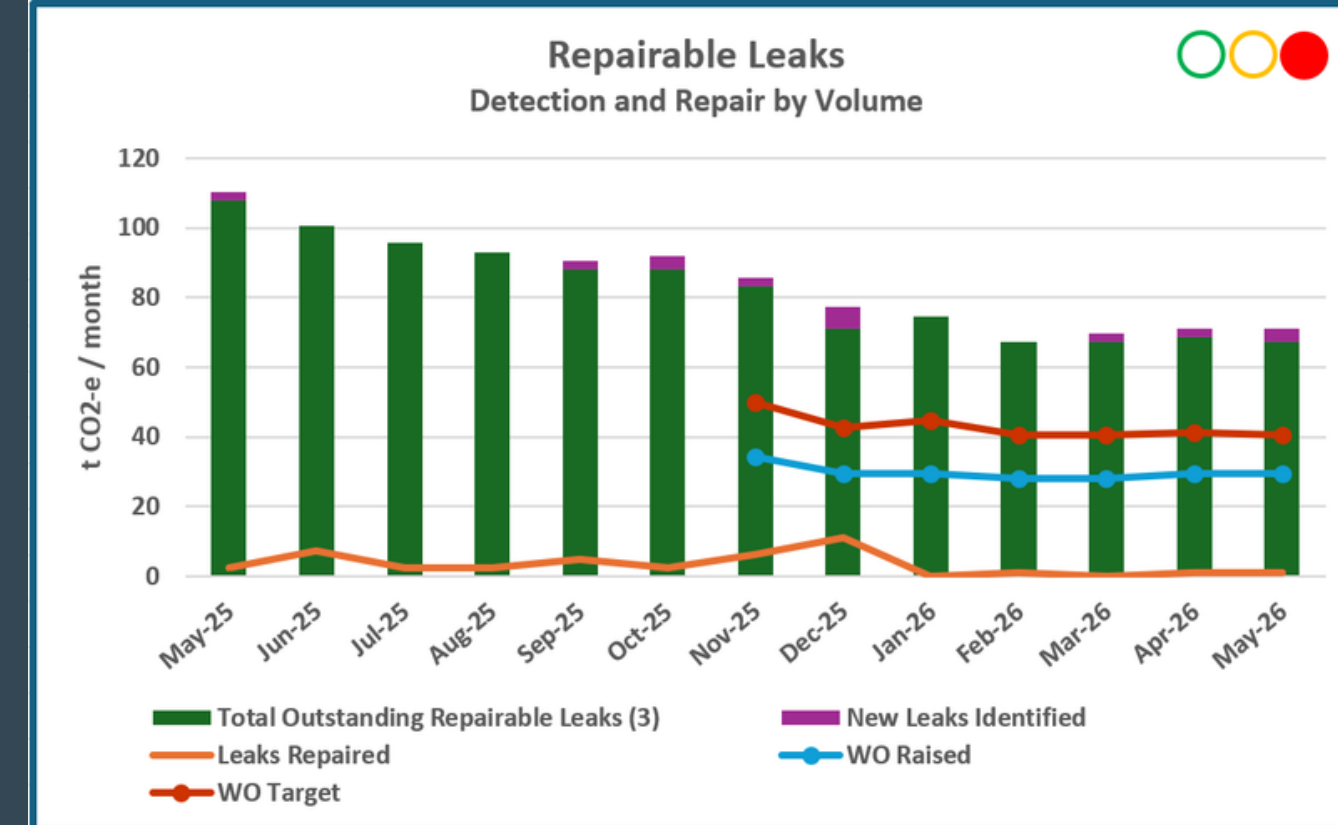
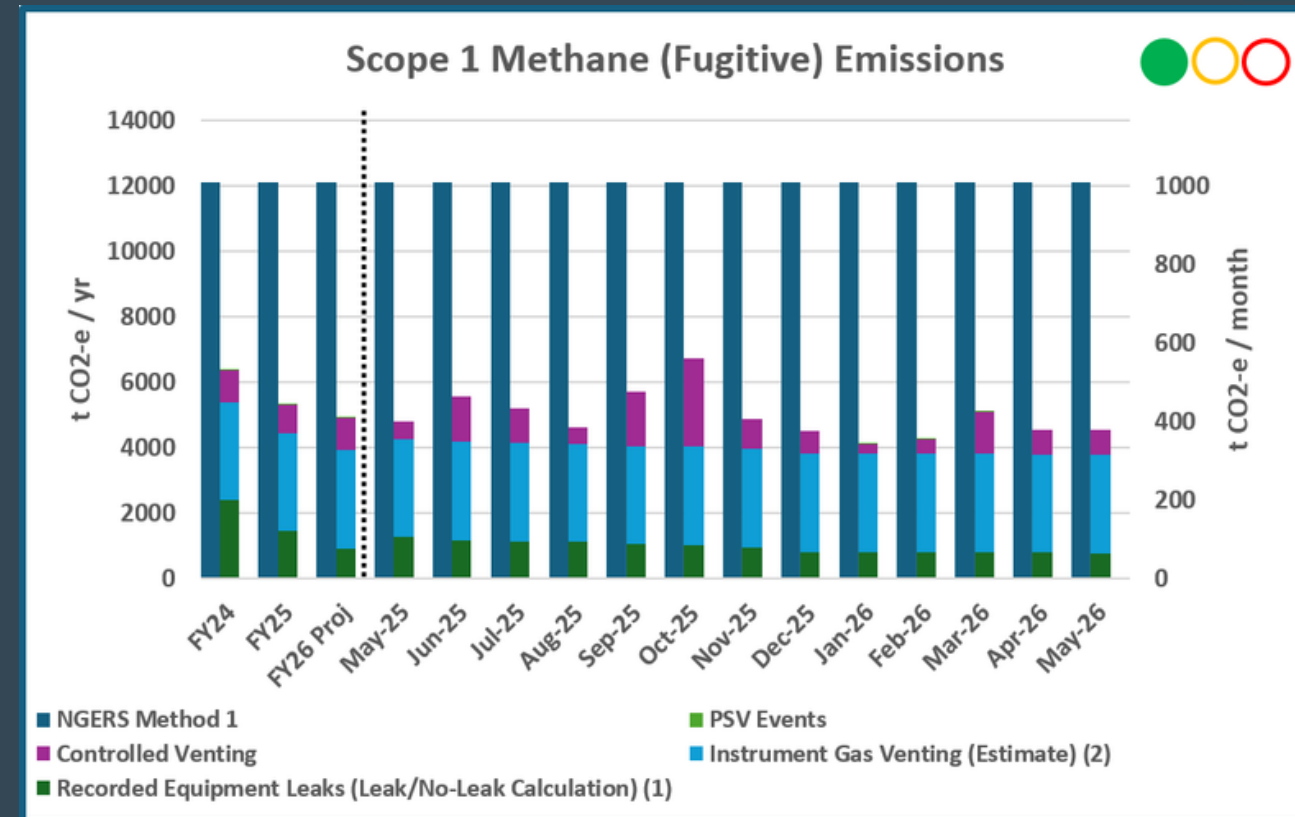
Better decisions rely on better data. SEA Gas transitioned from estimated emissions to measured emissions, providing a more accurate and credible foundation for emissions management and future planning.

Key initiatives

- Completed company-wide leak detection surveys across all assets in FY23, with repeat surveys scheduled for FY26.
- Transitioned from NGER factor-based reporting to measured emissions.
- Updated the Carbon Action Plan to embed measured emissions as the standard methodology for future reporting and target setting.

Evidence of Success

Measured emissions now provide accurate, verifiable data for project prioritisation, maintenance planning and real-time operational decision-making. Likely to meet interim target of 50% reduction by 2030.



Impact: Measured data now informs maintenance planning, investment decisions and operational priorities.

Embedding Carbon into Operations

Why it mattered

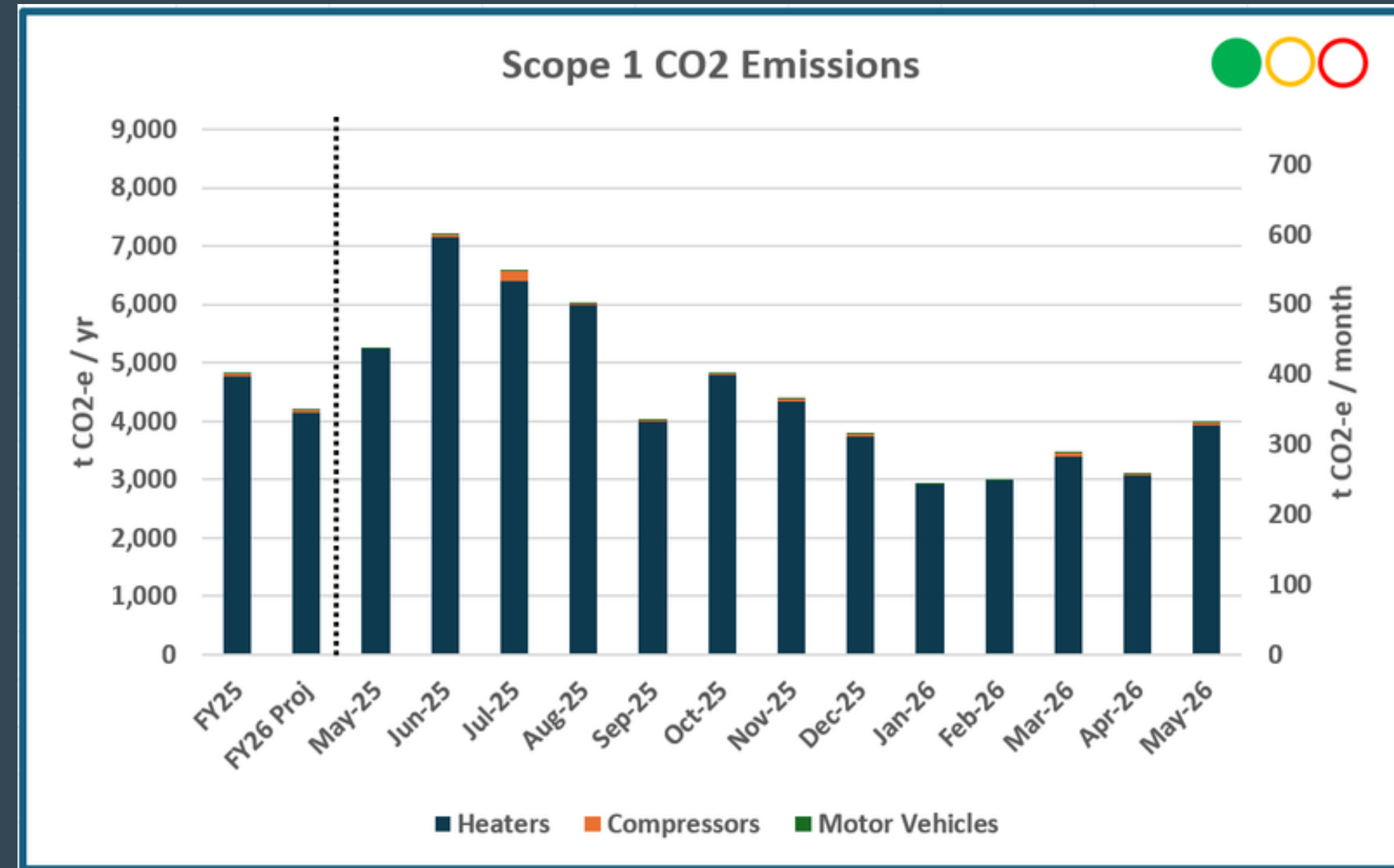
Environmental performance became part of everyday operational management by integrating carbon metrics into the same governance framework as safety and reliability.

Key initiatives

- Incorporated Scope 1 emissions and leak performance into monthly operational KPIs.
- Reviewed carbon performance through regular governance and Executive reporting.
- Used emissions data to drive operational priorities, maintenance planning and continuous improvement.

Evidence of Success

Carbon management evolved from an ESG reporting requirement to a core operational performance metric influencing decisions across the business.



Impact: Carbon management is now managed alongside safety and reliability as a core operational KPI.

Delivering Practical Innovation

Why it mattered

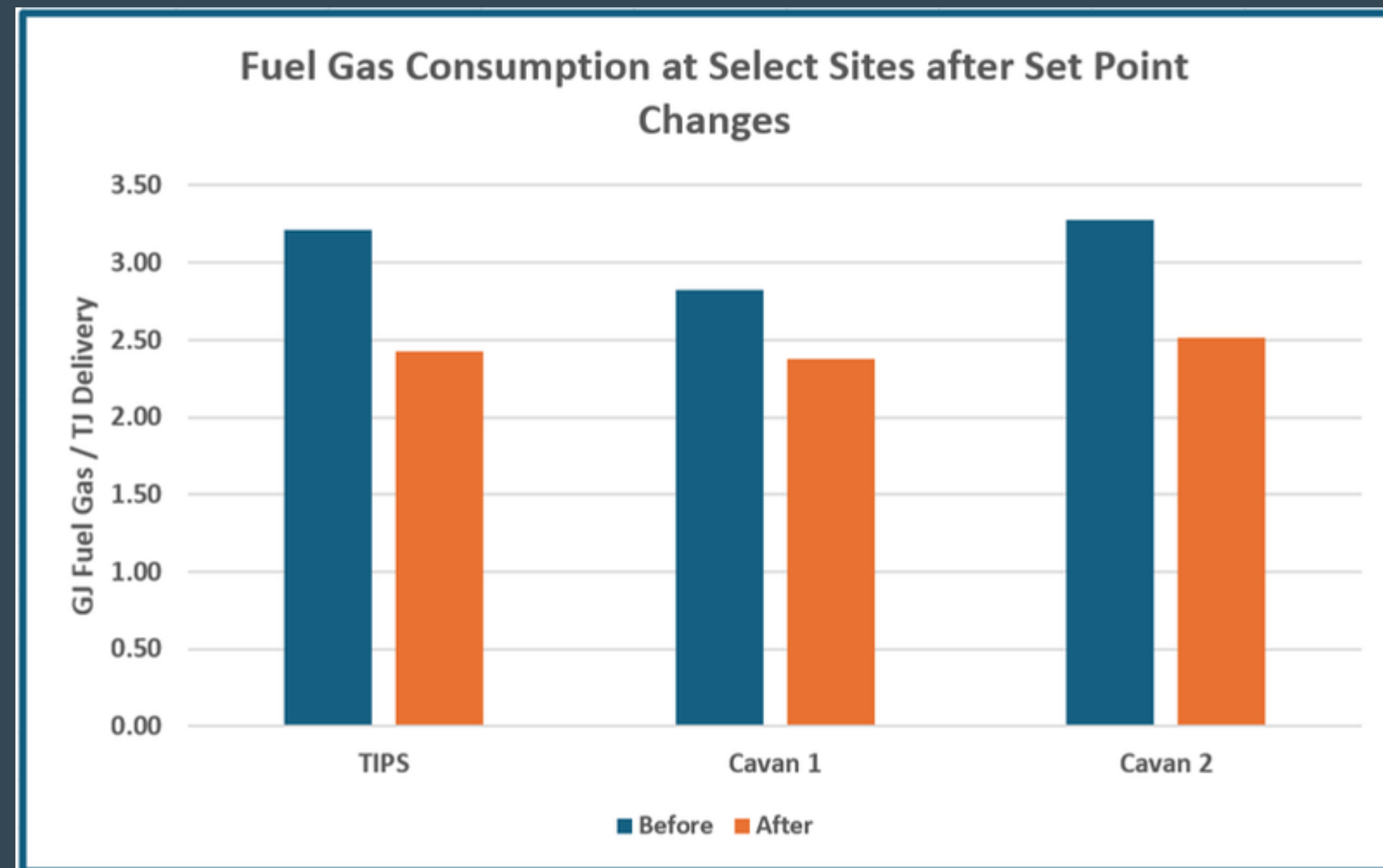
SEA Gas challenged traditional facility design and operational practices to deliver meaningful emissions reductions using existing infrastructure rather than major capital investment.

Key initiatives

- Optimised compressor start-up sequences, reducing unnecessary venting by 0.5 kt CO₂-e per year.
- Reduced fuel gas consumption by over 20% through water bath heater optimisation.
- Maximised the use of existing automated valves to bypass heaters when gas specification requirements allowed.
- Prioritised future emissions reduction projects through the Carbon Action Plan and Marginal Abatement Cost Curve.

Evidence of Success

Practical, low-cost engineering solutions delivered measurable reductions in combustible and fugitive emissions while improving operational efficiency.



Impact: Low-cost engineering improvements delivered measurable emissions reductions without major capital investment.

Evidence & Implementation

How we changed the way we **operate**.

Field Engagement

Toolbox talks, work instructions and maintenance procedures embed emissions accountability.



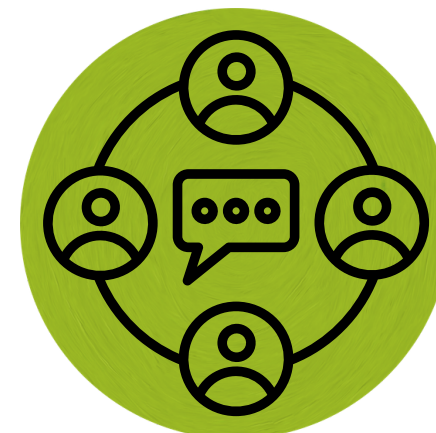
Planning & Support Integration

Emissions considerations built into work orders, maintenance planning and toolbox discussions



Internal Communication

Carbon Action Plan rollout across all field teams with CEO and Department Head support





Demonstrating alignment with APGA Code of Environmental Practice (2022)

Demonstrating every principle in practice.

Leadership & Commitment	Risk Management & Planning	Environmental Performance	Stakeholder Engagement	Continuous Improvement	Transparency & Reporting
Executive leadership visibly champions environmental stewardship through governance, accountability and operational engagement.	The Carbon Action Plan prioritises emissions reduction initiatives using measured data, risk assessment and a Marginal Abatement Cost Curve.	Measured emissions, targeted operational initiatives and continuous monitoring have delivered significant reductions in fugitive and vented emissions.	Environmental stewardship is embedded through collaboration between field teams, leadership, landholders, Traditional Owners and regulators.	Continuous leak surveys, operational reviews, innovation and measured data drive an ongoing cycle of improvement.	Mandatory reporting, monthly KPIs and 97% of field venting report compliance provide accurate, transparent environmental reporting.
Evidence					
Executive leadership demonstrated	Carbon Action Plan implemented	60% fugitive emissions reduction Likely to meet target of 50% reduction by 2030	Field ownership embedded	Regular leak surveys completed	97% of field venting report compliance achieved



SEA Gas' Carbon Management Program demonstrates practical alignment with every principle of the APGA Code of Environmental Practice (2022), embedding environmental stewardship into governance, operational decision-making and continuous improvement.