



Focused on Copper

Site Visit Presentation

Day 1 (Santiago)

5-6 November 2025



ANTOFAGASTA PLC

Health and safety

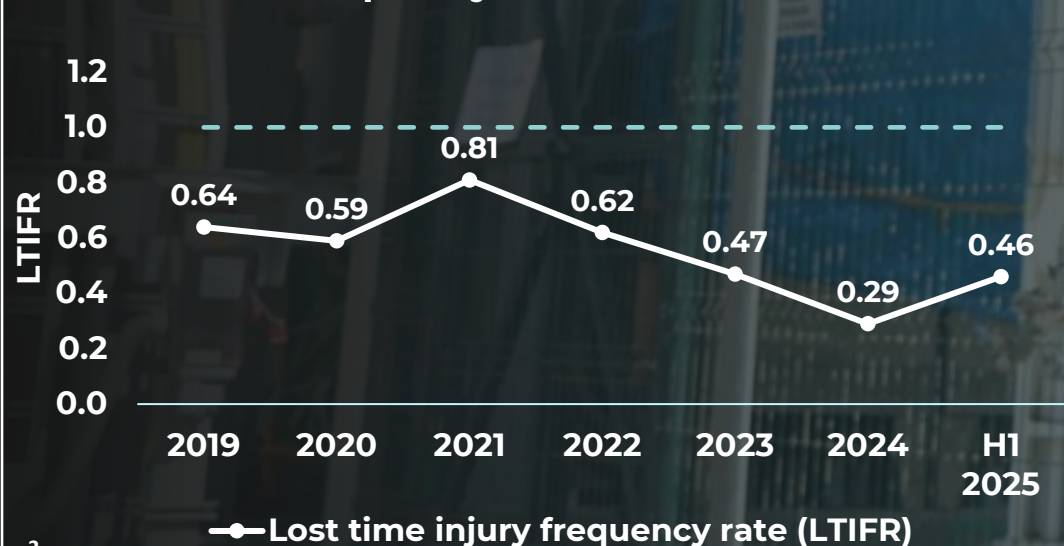
A safety-first approach



- **Zero Fatalities:** Los Pelambres marked over four years without a fatality.
- Maintaining a Lost Time Injury Frequency Rate **ahead of industry benchmarks** (H1 2025: 0.46).
- H1 2025, Los Pelambres achieved its **lowest High Potential Incidents Rate** (HPIR) with 0.04, representing an 80% reduction from 2021

1. The Lost Time Injury Frequency Rate is the number of accidents with lost time during the year per million hours worked
2. High-potential incident. An event that, under different circumstances, might easily have resulted in a serious injury or fatality.
3. The High-Potential Incident Rate is the number of high-potential incidents during the year per million hours worked

 **Lost Time Frequency Rate**



 **High Potential Incidents**



Safety Video



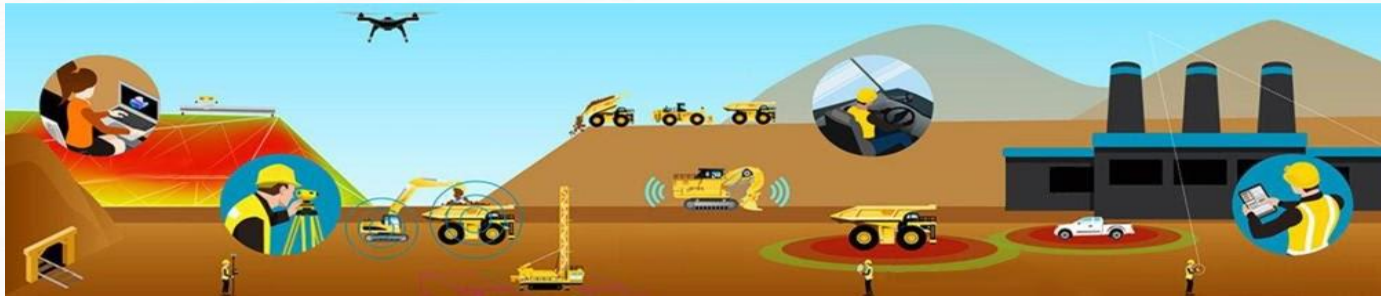
Integrated Operations Management



How GIO creates value

Optimising and integrating all value chain processes to maximise the value of Pelambres production

Our operations are driven by data, analytics, and automation



Real time remote operations



Integrated Operations

- 24 hours of continuous operations
- Data & AI Supported
- Control and automation

Process Control

- Operations support and Control (Mine & Plant)
- Automation (DCS, APC, HMI)

Advanced Analytics

- Digital AI products
- Data, Analysis & Reporting
- IT – OT Integration

Condition Monitoring

- Haul Trucks
- SAG Mills
- Critical Assets

Technology

- Connectivity
- Resilience
- Cybersecurity



Seeking the optimum value

Seeks the local optimum through a remote and integrated operation supported by technology



Data driven decision making

Advanced analytics and process control work collaboratively at the GIO Centre to seek optimisation opportunities and variability reduction



A cyber-resilient operations centre

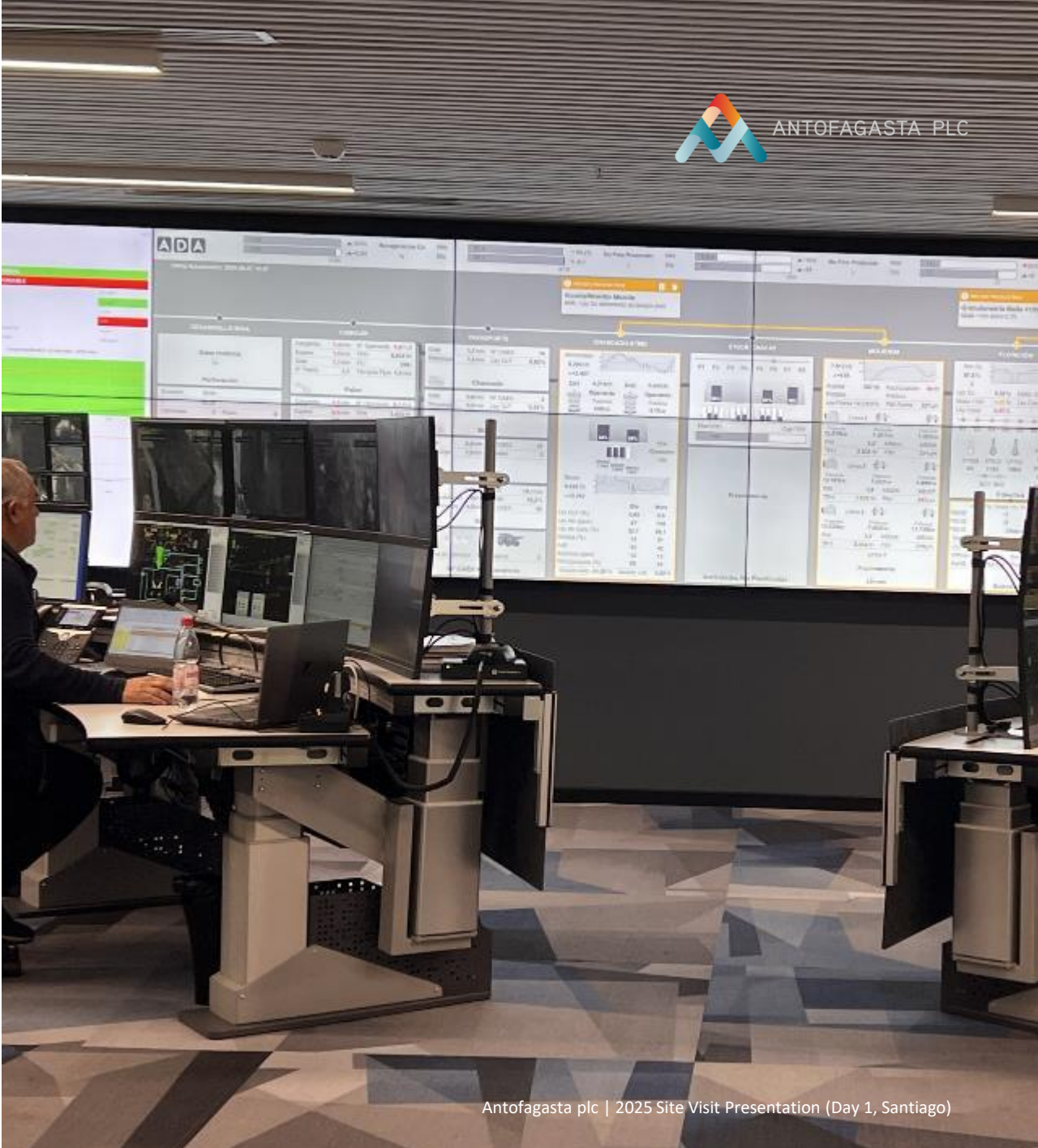
A cyber-resilient operations centre ensures secure, reliable control with strong cybersecurity, network, and connection policies.

Digital Innovation: ADA

Real time optimisation

1	Monitoring	Capture and display real-time information from the mine-to-port process
2	Identification of constraints	Generate alarms based on logic and models to detect restrictions that affect or will affect production
3	Prioritisation	Classification of alarms according to impact on the value chain and deploying them
4	Optimisation	Depending on the constraint detected, take immediate action to release the constraint or optimise the process based on it.
5	Action	Real-time communication between the teams involved in the operation and the IROC

ADA (Agile Decision Assistant, Spanish “*Asistente de Decisiones Ágiles*”) is a central platform for bottleneck identification and resolution, with a focus on maximising fine copper (CuF) production in real-time by assisting shift supervisors' decisions.



Our impact at Los Pelambres

Substantial improvements delivered to date



Growth

+2.2%
Ore dispatch
(mine to plant)

Optimising ore dispatch to the plant through integrated deviation management and Operational Excellence methodologies



Risk Management

75%
Failures reduction

Mine condition monitoring led to a reduction in catastrophic haul truck engine failures



Efficiency

-200kt
Loss reduction¹

SAG mill throughput loss reduction through improved grinding constraint management



Talent

+29%
Balanced workforce

Of women, and we are aiming to reach the 30% target this year

A modern office interior with a large wall of monitors displaying various images. The room features white desks, ergonomic chairs, and two prominent pillars decorated with colorful abstract patterns. The floor has a geometric tile design. A semi-transparent blue banner is overlaid across the middle of the image.

Optimising and integrating all value chain processes to maximise the value of Pelambres production

