



Implats – Impala Rustenburg operations

Day of Learning: FoG Safety in Coal Mining

Fall of Ground Safety Performance and Leading Practices and Initiatives

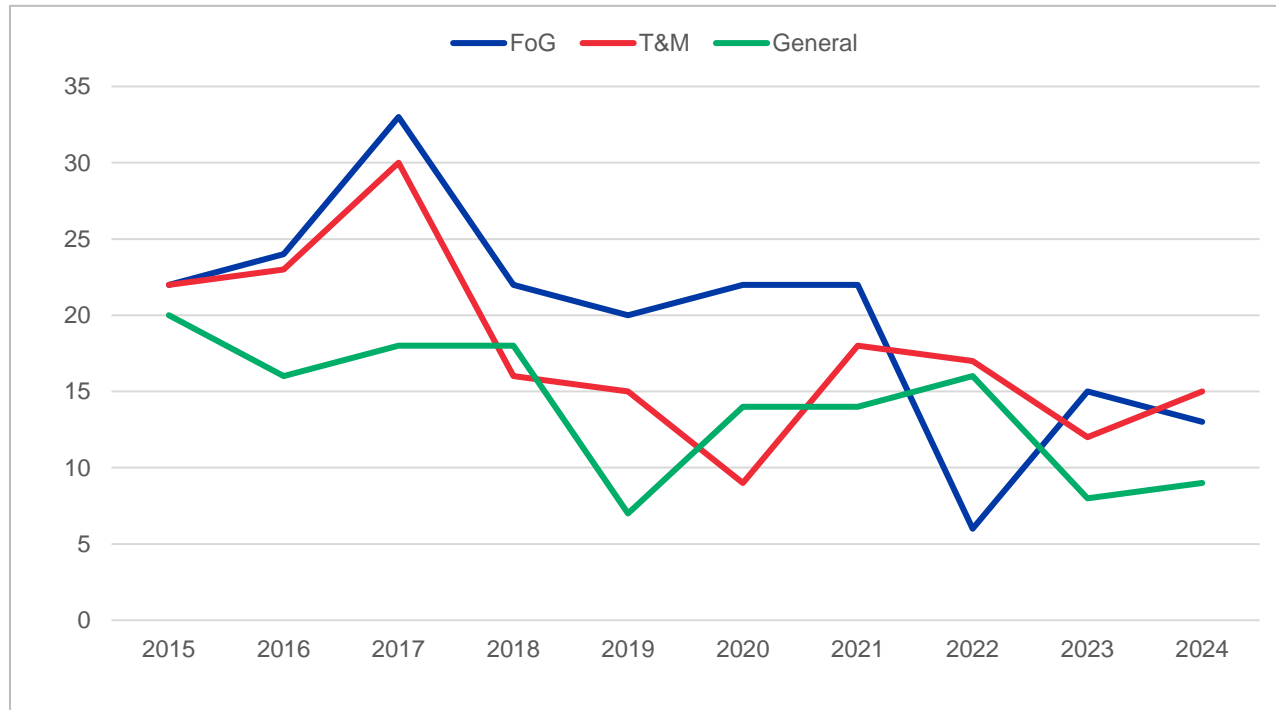
Metse Mzondo, Adoption Team Manager, Learning Hub

05 June 2025, Sasol Ukhozi Lodge, Secunda

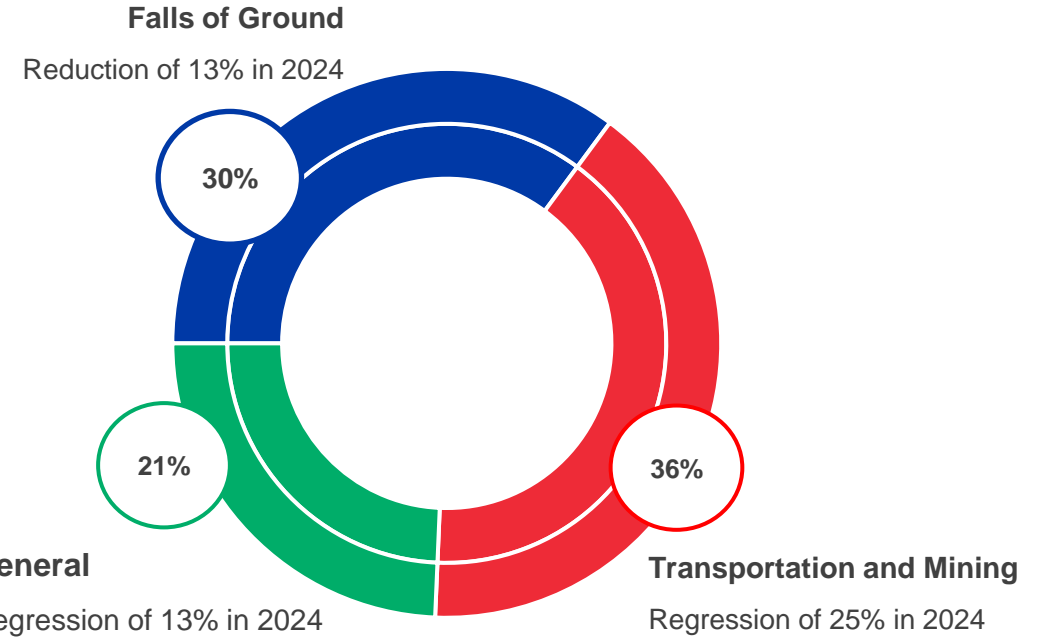


Major Contributors of Fatalities

Falls of ground remain a major contributor to fatalities in the South African mining industry.

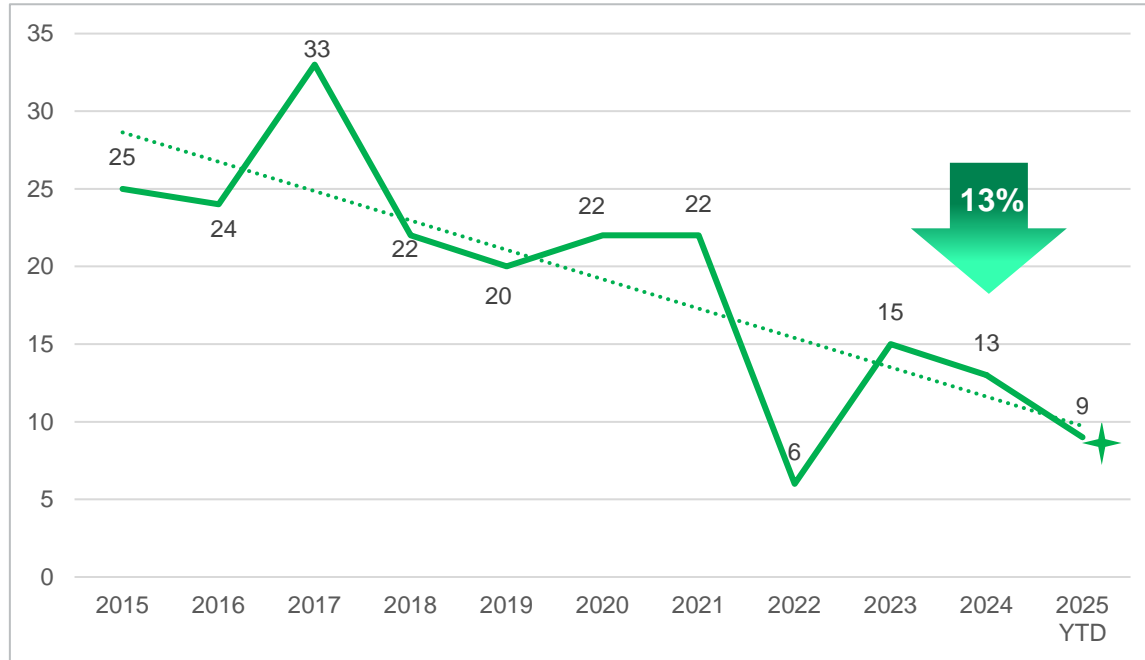


Major Contributors of Fatalities

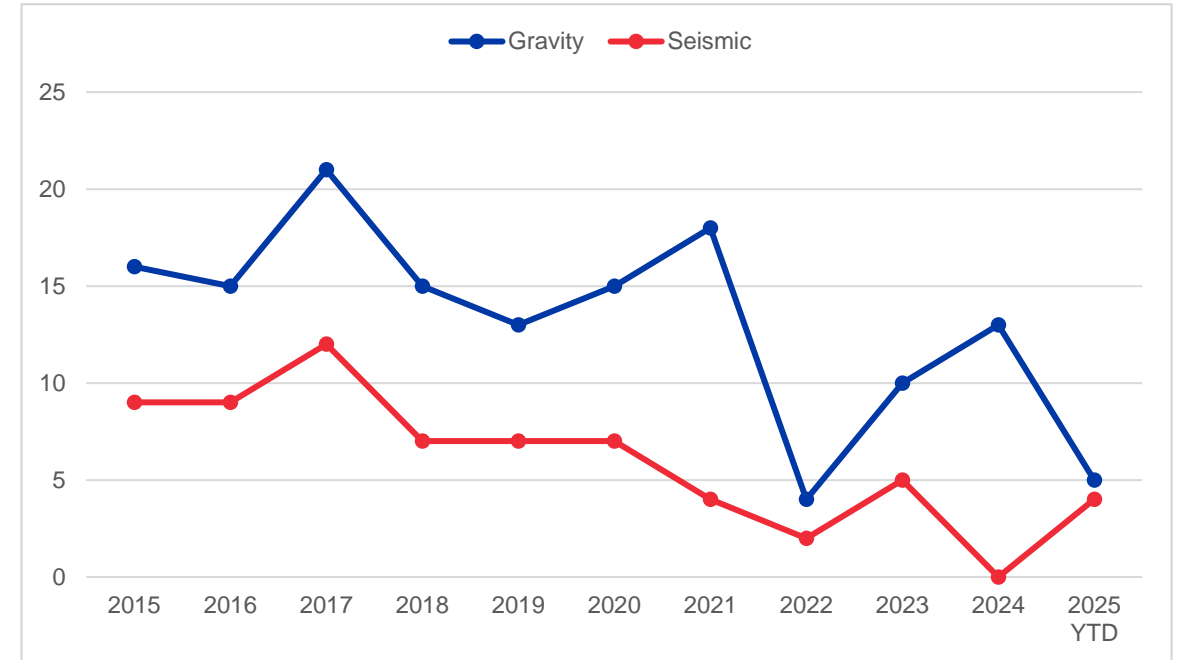


Significant improvements after 2017, but recent years show volatility and some regression in certain categories.

Fall of Ground Fatalities



Total Fall of Ground Fatalities

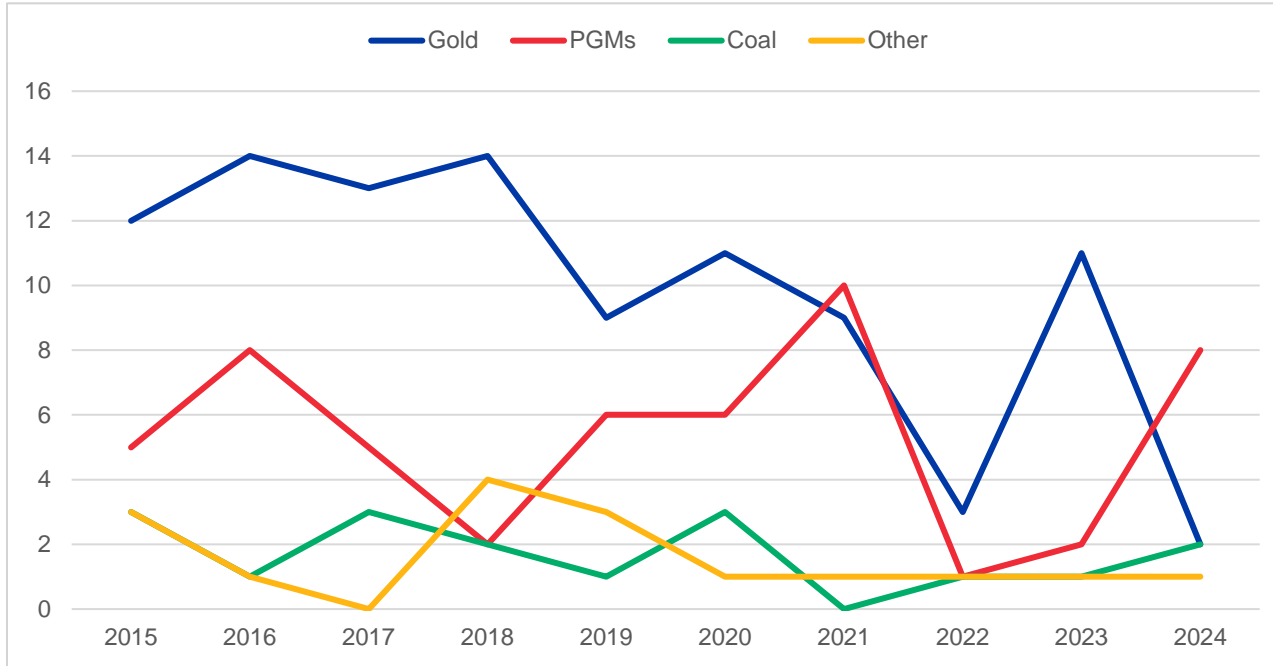


Total Fall of Ground Fatalities (Gravity vs. Seismic)

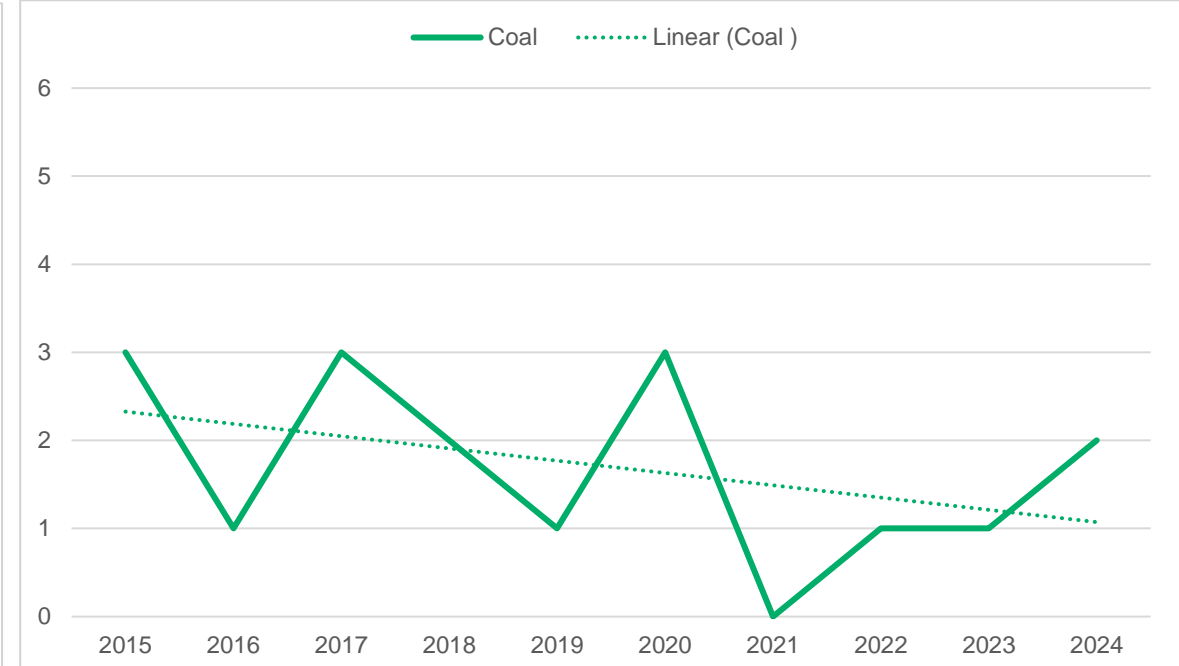
- ★ 2025 YTD Fatalities: 12 (Not official)
 - Subsequent fatal from serious injury which occurred on 29 May 2025.
 - FoG while installing temporary support.
 - Seismic event.

- Gravity-related fatalities consistently outnumber seismic-related ones.
- Seismic-related fatalities remain lower and show a steadier decline, reaching near-zero in several recent years.

Fall of Ground Fatalities



Fatalities by Commodity

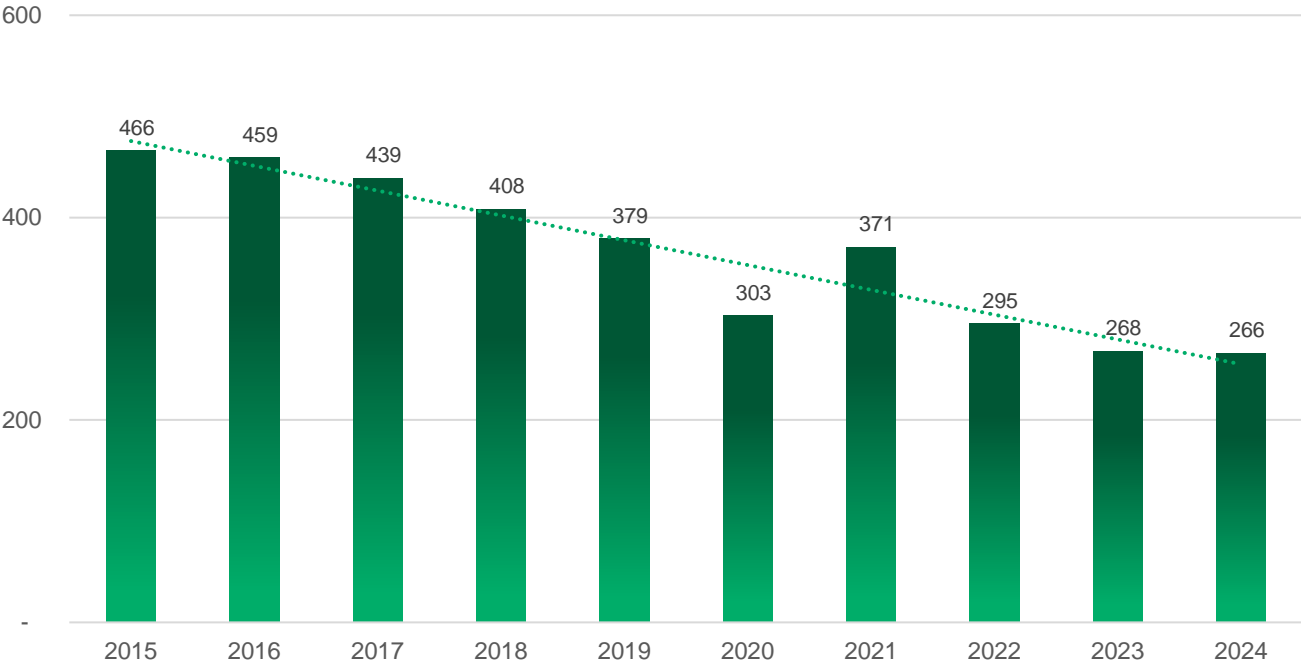


FoG Fatalities in Coal Sector

While overall FoG fatalities remain a concern, especially in gold and PGMs, the coal sector has achieved and maintained relatively low fatality numbers, with a mild downward trend.

Fall of Ground Serious Injuries

Total FoG Serious Injuries

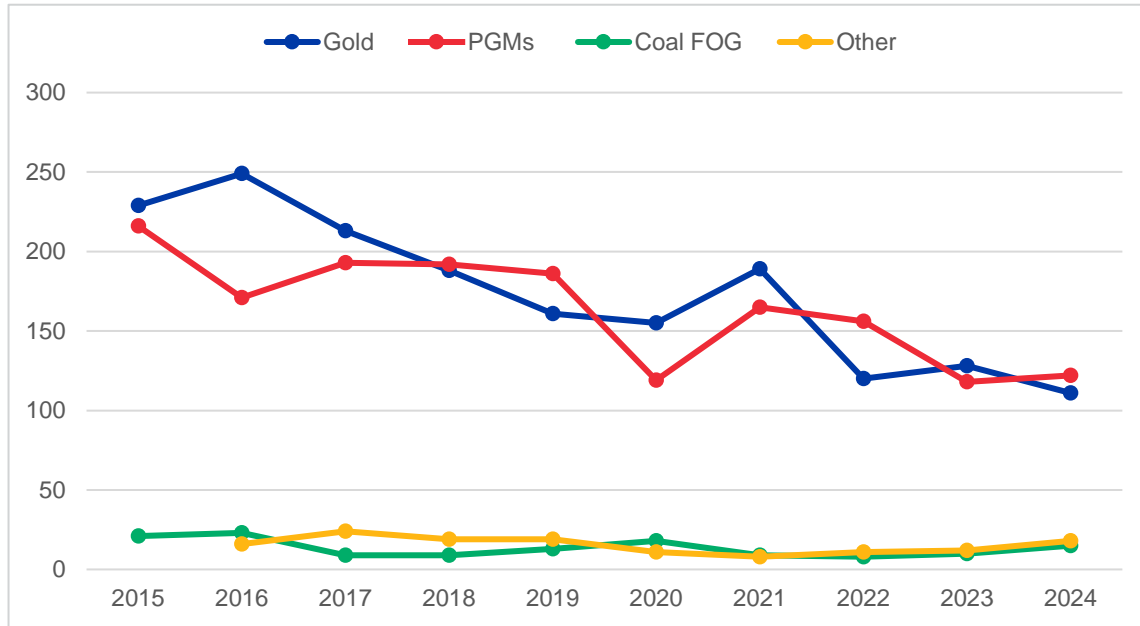


Clear **downward trend** in total FoG serious injuries from **466 in 2015** to **266 in 2024**.

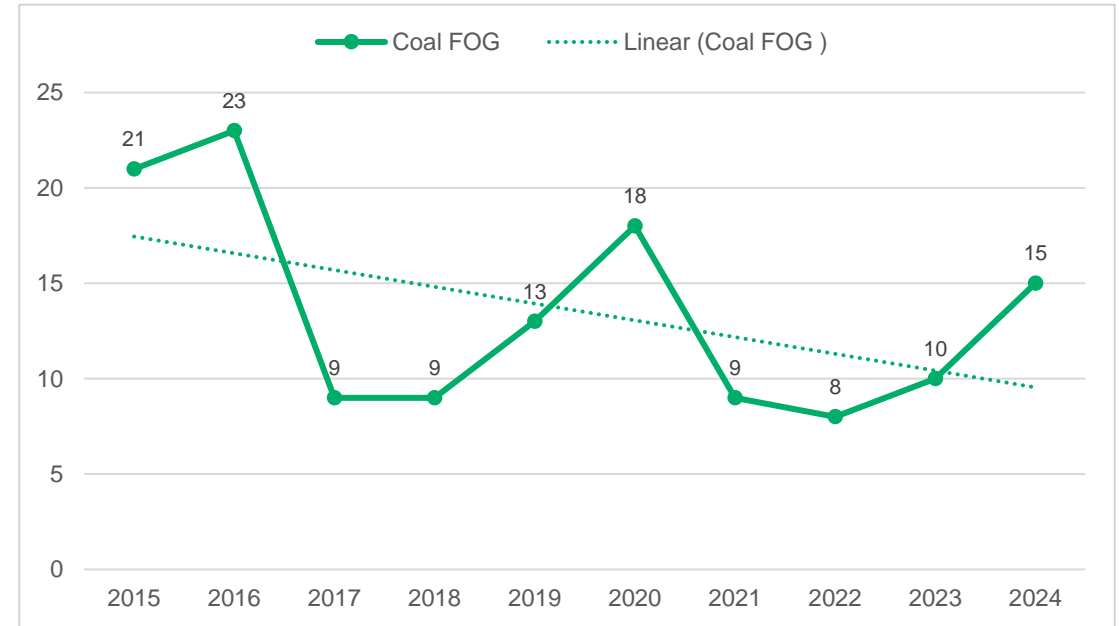


43% Reduction over the decade

Fall of Ground Serious Injuries



FoG Serious Injuries by Commodity

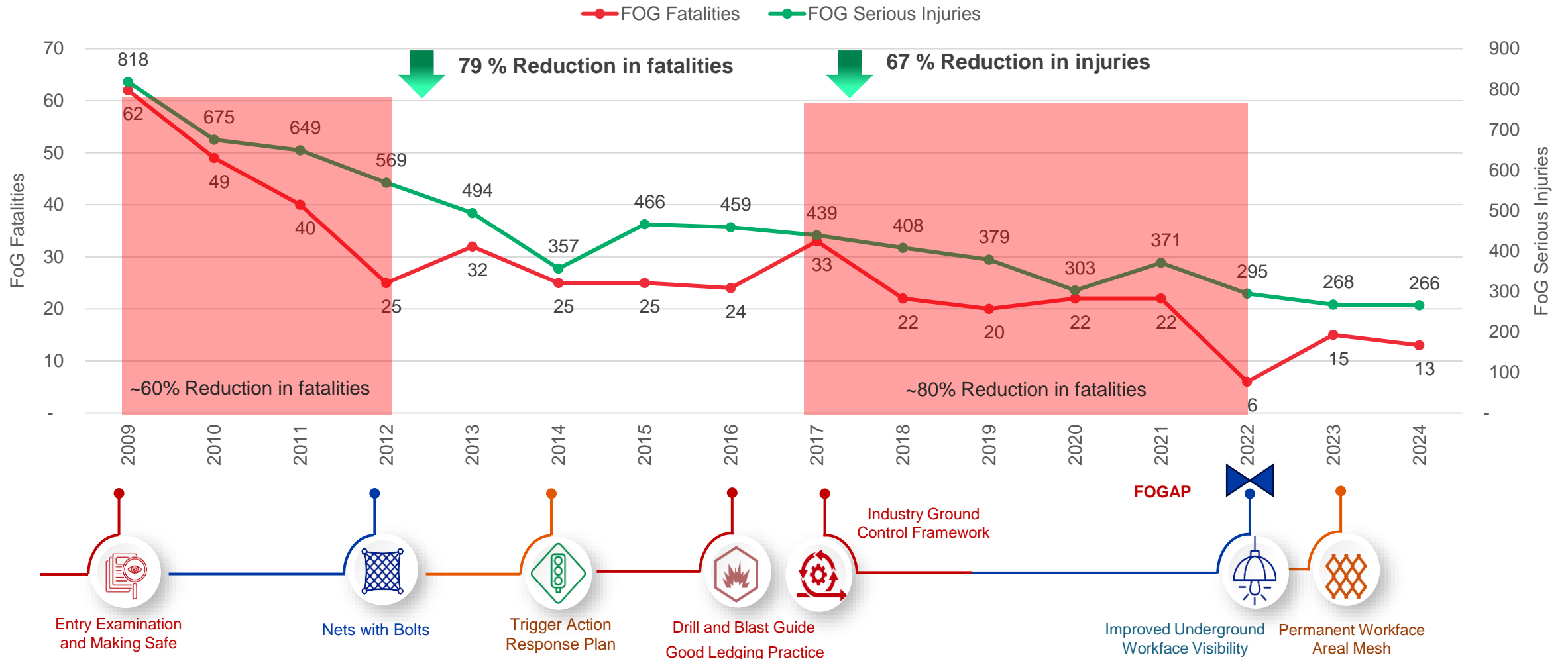


FoG Serious Injuries in Coal Sector

Remains consistently low throughout (mostly between 8–23).
 Generally low and **fluctuating** numbers.
 Uptick in 2024.

While its absolute numbers are low, the inconsistency in safety outcomes suggests room for improvements.

FoG Leading Practices and Initiatives





Anglo American Platinum – Dishaba Mine

Thank you

#MiningMatters

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