ELIMINATION OF FOG FATALITIES ACTION PLAN



In 2020 the South African mining industry observed a regression in safety performance. An investigation into the leading causes of fatalities found that fall of ground (FoG) related incidents accounted for 22 of the 60 overall fatalities. To address this key challenge, the Minerals Council's CEO Zero Harm Forum mandated the Rock Engineering Technical Committee (RETC) of the Minerals Council, with the support of the South African National Institute of Rock Engineering (SANIRE), to present an action plan to eliminate FoG fatalities

ANALYSIS SHOWED:

- Steep decline in FoG fatalities between 2003 and 2011, followed by plateauing period from 2012 to 2020
- Barring practice identified as one of the high-risk activities, accounting for almost 60% of FoG incidents





of fatalities in 2020 were a result on FoG related incidents

CHALLENGES CONSIDERED:

- Little to no progress on execution of rockrelated projects currently in Mine Health and Safety Council (MHSC) research programme and projects
- Exodus of experienced rock engineers from South Africa and most experienced reaching retirement age
- Behavioural challenges related to accidents
 not deliberate or malicious, rather as a result of "getting the job done"

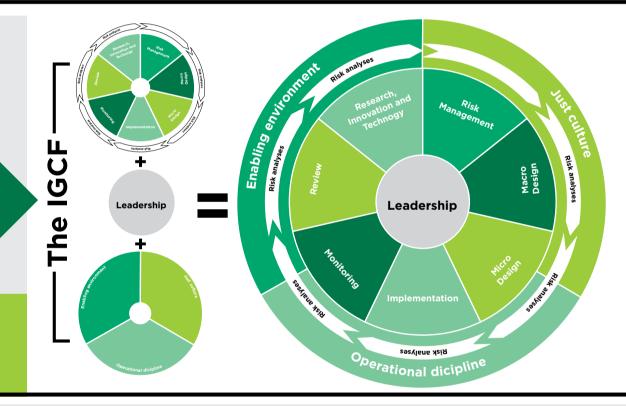
Consultative process involved
Minerals Council members; RETC;
SANIRE; Association of Mine
Managers of South Africa (AMMSA);
and South African Collieries Managers
Association (SACMA)



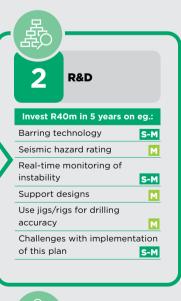
FoG workshops identified various issues to be considered, which were allocated into the various components of the Industry Ground Control Framework (IGCF)

RECOMMENDATIONS

Following an extensive consultative process, six recommendations were developed with the aim of accelerating the industry's journey to zero harm















Short = 0-2 years

Medium = 2-5 years

S-M Short to Medium = 0-5 years

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