

Case Study.

Holding with key assets in
Mining & Metals.

CIS.

Mining & Metals.

Risk based approach to reduce fatal and severe injury

Context

Client's management was striving to achieve an ambitious goal - a significant reduction in fatal and serious injuries. There was a sufficiently developed HSE management system at the Company's production sites, however, the level of injuries reached a plateau and targeted efforts over several years did not lead to noticeable improvements. The leaders were aimed to radically change the situation and asked for expert support from dss⁺.

Challenge

We helped identify the risks of fatal and serious injuries at more than 25 company's units, including mines, concentrators and steel mills. The next step was prioritisation and reduction of the identified risks. It was necessary not only to form a list of measures, but also to rationally allocate resources (time, human, financial) to reduce risks. It was important not only transfer competences to the Client, but to set up the sustainable self-developing process.

Solution

1. **Risk-based approach:**
 - Identified and eliminated more than 40,000 risks of fatal and serious injuries
 - HSE Risk Index was introduced to compare sites and divisions and allocate resources
 - Leadership engagement level has grown substantially
2. **Internal competencies:**
 - A Competence Center was formed to provide methodological support for risk management
 - More than 1000 managers were trained to work with risks
 - Changes were set in local regulatory documents and further risk management strategy has been developed.



"Our core value is the health and safety of people working at our sites. Together with the dss⁺ team, we were able to identify and prioritize the elimination of potential threats and risks for employees. For us, it was not a one-time result that was important, but constant control over the situation."

Project Lead at client side



Assignment

Reduction of fatal & serious injuries



Offering

Industrial Safety. Implementation of risk-based safety management system & development of HSE competences



Impact

- 1,000 Managers trained across 25 business units and sites
- 36% Fatal Injury Reduction (FIFR)
- 20% Reduction & stabilisation of injury rate (LTIFR) below the industry average
- 40% Fatal & serious injury risks identifying and reduction

dss⁺

Protect. Transform. Sustain.

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