

MYSAFETY: LEARNING TO WORK MORE SAFELY

Increasing use of analytics and predictives will inform behavioural change and, like other innovations such as those from Tesla and Dyson, the MySafety project can be a positive disruptor. MySafety's core technology has been delivered successfully thanks to the initial prompting of John Paterson of Egger and the fantastic support of trialists.

Unfortunately, levels of fatalities remain stubbornly high despite the hard work of many in the forestry industry to improve standards and prevent accidents and incidents. Disappointing as this is, similar stalled situations have been reported elsewhere: in the last decade, the US industrial sector has seen the numbers of workplace deaths rise even though the levels of accidents continued to fall. Holistic system thinking is therefore essential to complement today's focus on a personal approach to safety: As well as its current intense focus on prevention of accidents, the industry needs a full understanding of the nature of incidents - humans make mistakes while latent conditions may lay dormant and unnoticed for many years. Analysis will ensure root causes are fully understood and blame is not unfairly attributed to individuals when underlying systems are at fault.

MySafety's secure communication channel facilitates better reporting of incidents. Its analysis of that reported data ensures failings in the safety system's component parts can be observed and considered, and appropriate actions can be taken. Simultaneously, the channel improves safety awareness by satisfying many of the goals of FISA's recently updated Guide to Managing Health and Safety in Forestry:

- Landowners can contribute site information for Site Risk Assessments and monitor activities.
- FWMs and Contractors can accumulate and consolidate information throughout their operations, e.g. in harvesting - measuring, planning, harvesting and delivery from site are all opportunities to contribute vital information. Site and operational assessments can be shared easily with other stakeholders to provide a consolidated site safety records which, in turn, are easily audited.
- Operators can work safely by being better informed: they gain situational awareness from MySafety's daily checks and they are both fully aware and regularly reminded of Control measures and site checks required by HSE.

External drivers are also impacting significantly on the need and desire to improve safety:

- The latest Occupational Health and Safety Standard, ISO 45001, expects safety leadership. MySafety's incident analyses enables benchmarking, so all the industry's stakeholders can learn how they are performing and what factors are impacting on their safety performance. In turn, that fosters leadership and continued improvement.
- FSC's audit frameworks cover safety and analysis of recent UK audit reports highlight the frequent need for remedial actions in respect of safety issues to satisfy the supply chain's requirements.
- Environmental, Social and Governance (ESG) factors are increasingly important to investors and the UN's Sustainable Development Goals provide a global framework

which ties back to ISO45001.

Ultimately, improving the transparency of incident reporting will enable the industry's stakeholders to learn much more about the effectiveness of their operational systems and attract more investment, while operators will be able to work even more safely.

Comparison with the rail industry which has a strong safety culture is particularly revealing. That industry expects at least 10 near misses for every accident. So, given the levels of reported accidents in forestry, there may be hundreds of thousands of near misses which are not reported. Unfortunately, no learning can be shared from those unreported incidents and the same mistakes will continue to be made until a fatality occurs.

The pace of technological change and innovation is relentless and volumes of data are growing rapidly: there is always much more to understand. For example, wearable technology is already available: in-helmet technology alerts operators when they are working at risk because their fatigue has risen to dangerous levels. By monitoring operator fatigue levels along with assessing the full injury potential of incidents, MySafety will stimulate learning by all the industry's stakeholders. New insights will be gained into forest safety and, by sharing them, safety awareness will be improved.

Get Involved *The continued development of the MySafety project is vital to improving forest safety. If you would like to be involved, please mail Stephen Bartlett or Colin Mann at mysafety@invigilatis.com*

MYSAFETY: FEATURES AND BENEFITS

Features

- Safety check
- Control measures
- Reporting - incidents, access, competency
- Machine checks
- Document management
- Guidance
- Messaging and alerts
- Emergency support
- Tracking

Benefits

Operator - improved safety

- easier contribution to risk assessments
- simpler incident reporting
- a single repository for certificates and competencies

Contractor - admin efficiencies and savings, and comprehensive audit records

- immediate awareness of team issues
- visibility of all teams

- one source for all operators' certificates and competencies
- detailed site safety records

FWM - admin efficiencies and savings, and comprehensive audit records

- immediate awareness of site issues
- visibility of all sites
- one source for all contractor's certificates and competencies
- consolidated site safety records

Owners

improved operational awareness

Industry

improved awareness of safety, enhanced safety culture and lower levels of incidents with injury and fatality potential

