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VISION ZERO

Safety.Health.Wellbeing.

human house
leadership & OSH

Digitalization and improvement of the working environment in a Vision Zero Perspective

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Examples of Digitalization that workplaces must consider

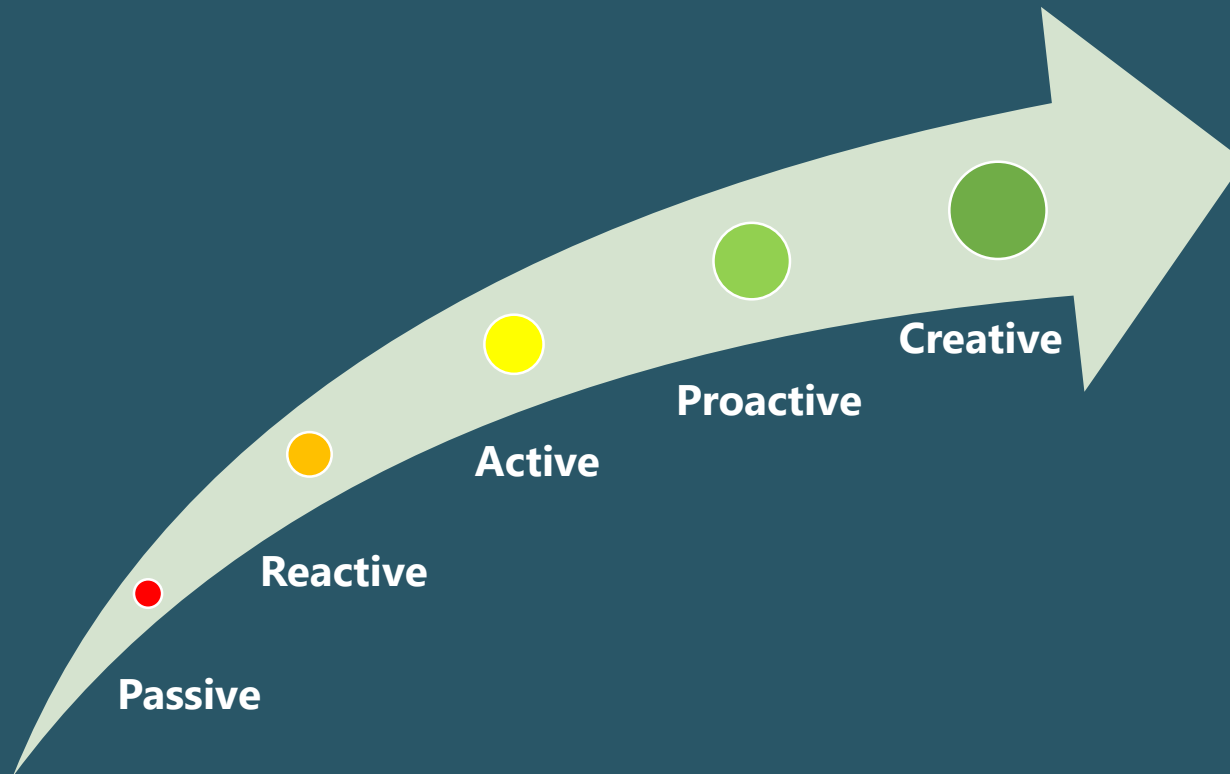
- » Robotics, including mobile robots and collaborative robots
- » Artificial intelligence, big data and algorithms create new knowledge
- » Exoskeletons to reduce workloads
- » Technologically advanced personal protective equipment
- » Drone technology
- » Virtual and augmented reality
- » Mobile, digital devices and internet solutions

A HIGHER LEVEL OF PREVENTION: Do we have the skills to assess the technological opportunities that are specifically aimed at improving the working environment?



Digitalisation – the journey towards a higher level of prevention

Procurement of new occupational health and safety technology



The Vision Zero Maturity scale model

- **Passive:** No focus on new SHW technology
- **Reactive:** We only focus on new SHW technology if problems arise such as accidents, stress, sick leave or collaboration challenges
- **Active:** We are considering new SHW technology, but more in words than in action
- **Proactive:** We investigate and implement new SHW technologies to improve the level of prevention
- **Creative:** We plan how we can introduce new SHW technology that optimizes both our business and our working environment.

7 Golden Rules for New SHW Technology



1. Management engages in new SHW technology



2. Systematic risk assessments are carried out in relation to the purchase of new SHW technology

3. Develop proactive goals for preventive processes and knowledge sharing when introducing new technology



4. A good organization and distribution of roles is created in relation to ethics and the working environment when introducing new technology



5. New technology is designed to increase the level of prevention in relation to the working environment



6. Education/training is carried out in relation to new SHW technology



7. Employees are involved in the design and implementation of new SHW technology

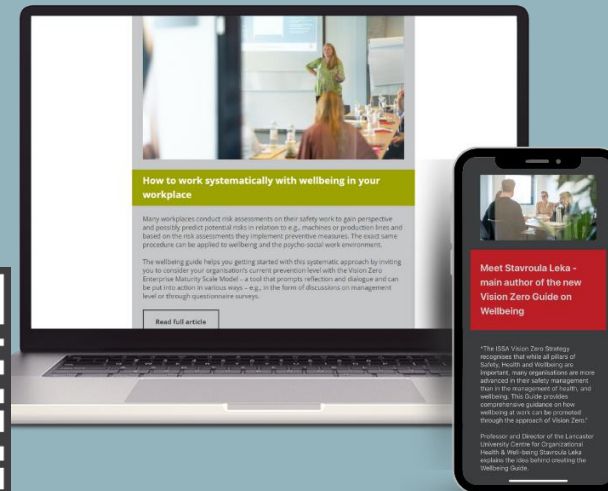


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