



# Safe and healthy work in the digital age

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Healthy Workplaces  
Campaign 2023—2025

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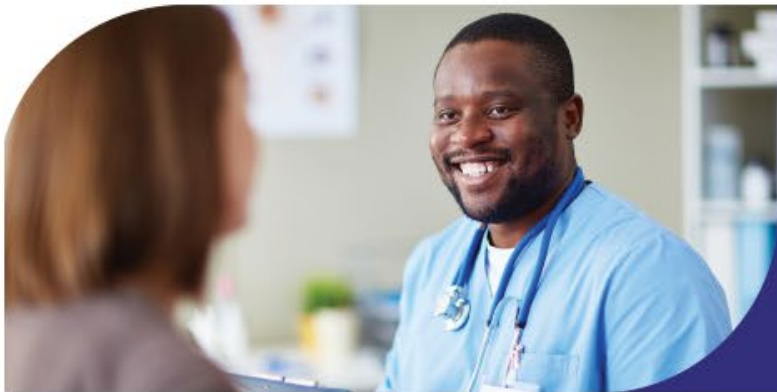




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# Digitalisation: Managing Psychosocial Risks



Patricia Murray

Senior Work/Org Psychologist & Inspector

#EUhealthyworkplaces

# Digitalisation

- All paid work provided *through, on or mediated by* an online platform, (EU – OSHA 2023)
- Increase in such work globally since 2015-> due to certain specifics in Irish corporate system, increase in Ireland
- Benefits and drawbacks – only OSH element is pertinent to H S A
- Within OSH – psychosocial is my theme today

# How digitalisation works

- On-site
  - Off-site
  - Simple
  - Complex
  - Cognitive
  - Manual
  - Team
  - Lone
- 
- Hybrids of all of the above: varied and ad hoc -> difficulty classifying the worker in usual way

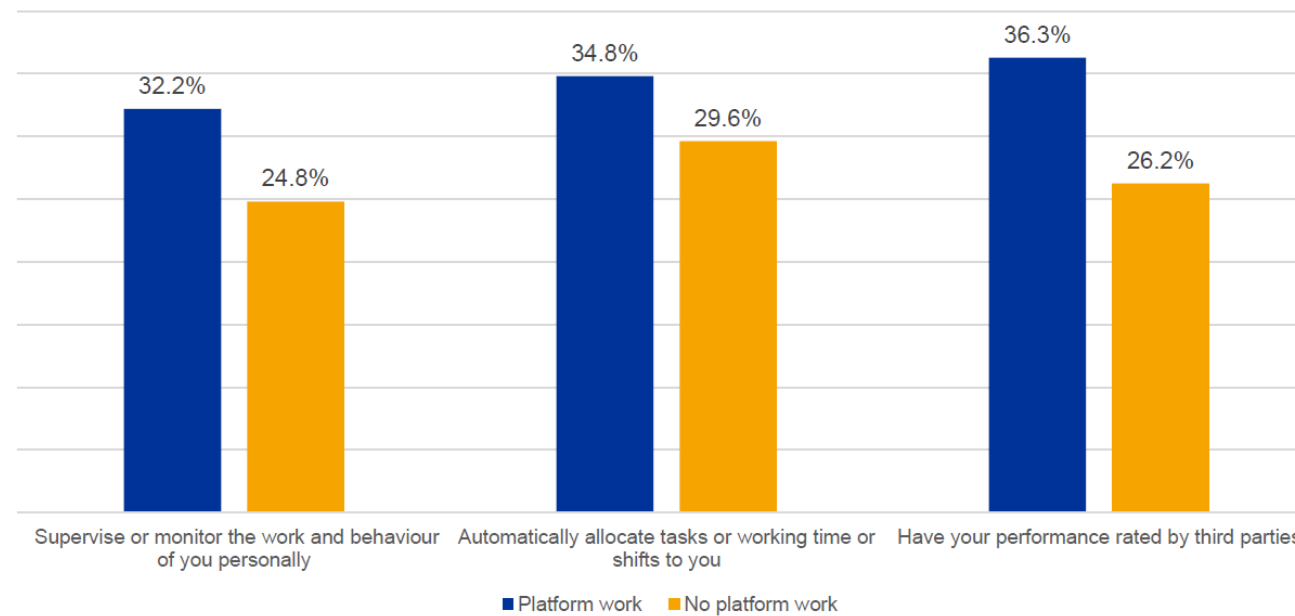
# Psychosocial

- PS Hazards - aspects of the work environment which impact the mental wellbeing (social cognitive psychological) of the individual
  - **Demands**
  - **Control**
  - **Support**
  - Relationships
  - Role
  - Change
- On-line assessment of perceptions by worker groups, of the environment regarding these items' management - [WorkPositiveCI](#)

# Research and psychosocial (EU-OSHA 2022)

## Workers by type of work (platform/not platform) and use of digital technology (% , EU-27)

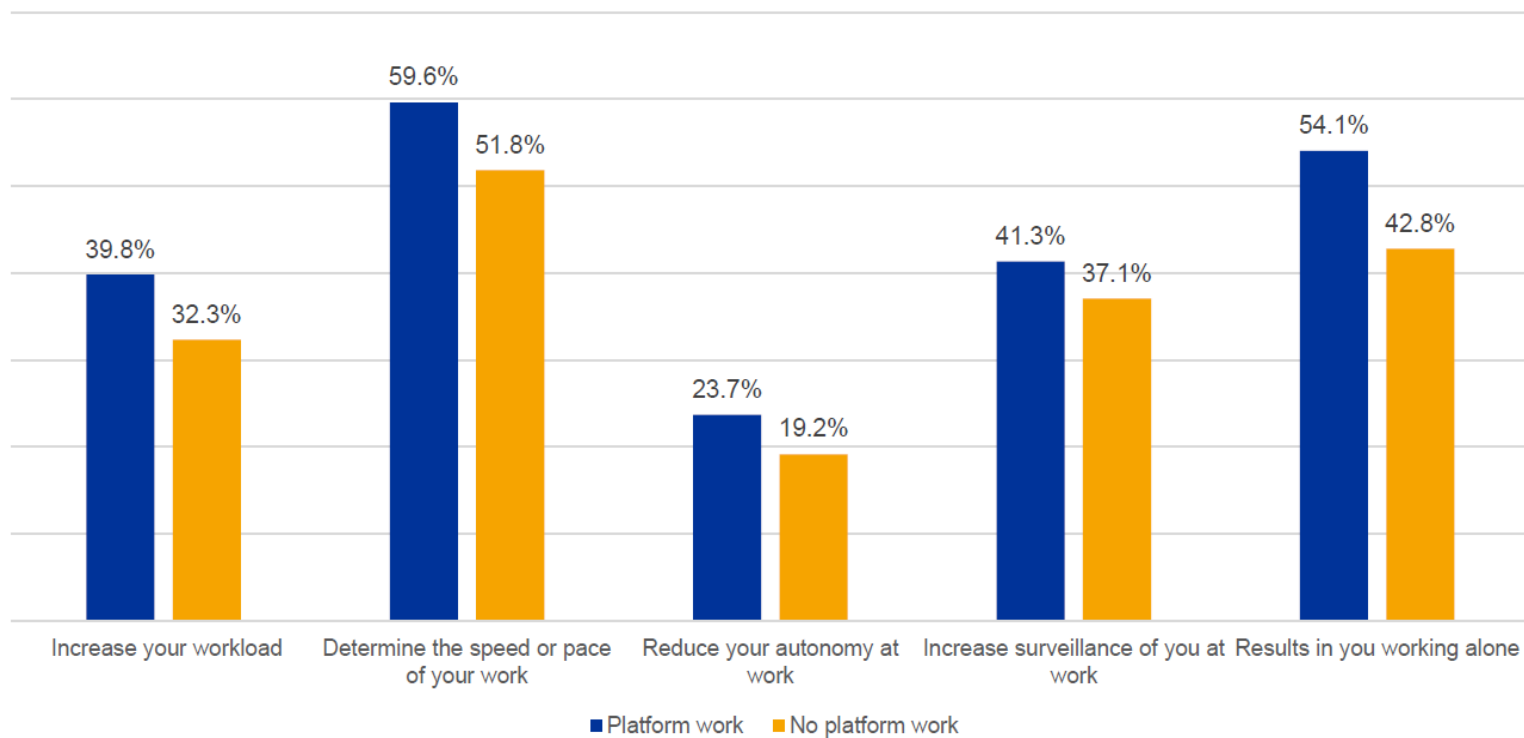
Does the organisation where you work use digital devices such as a tablet, smartphone, computer, laptop, app or sensor to...?



Source: OSH Pulse 2022 - EU-OSHA

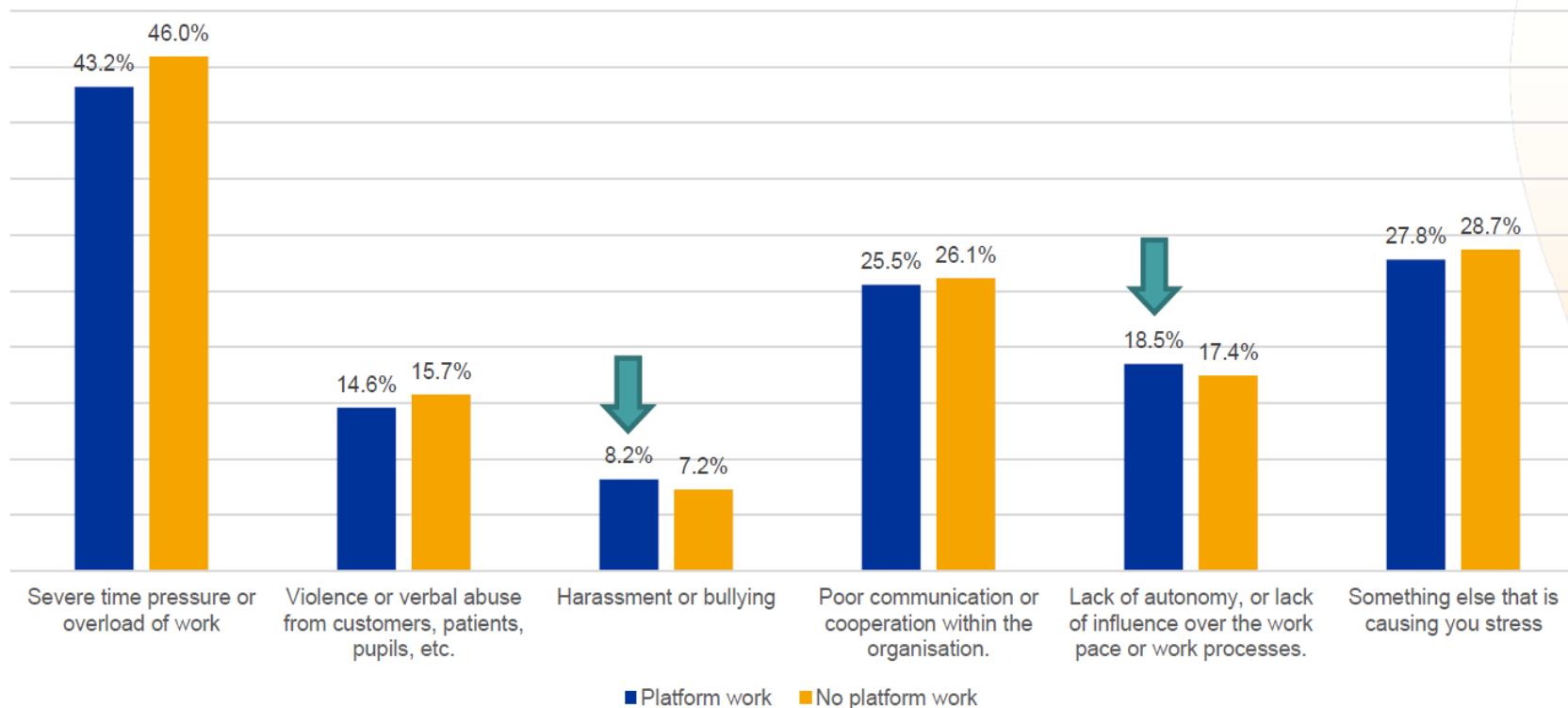
## Workers by type of work (platform/not platform) and type of risks (% , EU-27)

Would you say that the use of digital technologies in your workplace...?



## Workers by type of work (platform/not platform) and type of risks (% , EU-27)

Would you say that at work you are exposed to the following factors?





# Focus on Psychosocial findings

- **Supervision/behavior management** – demands, control, support, relationships and role (highly relational, perceptual, fluctuating, invisible,...> risky)
- **Allocation of time/tasks/shifts** – Highly associated with stress: rushing, juggling, concentration, deadlines, effort-reward balance, fairness, ESRI results (2015)
- **Performance ratings** – stressor across all work types but mediated by relationship, which is mediated by the above. Highly psychosocially risky.
- All 3 above are 5 – 10 pc more problematic in digital work.
- \*All are also problematic as a potential for work-related stress **across all work**
- 50/60 pc of **all respondents** cite workload, autonomy, surveillance and lone working as stressors – all known psychosocial hazards.

# OSH risks and challenges of four types of digital platform work

To what extent do the factors that aggravate the OSH risks come into play for each of the types?

Red = high / large impact of this factor, Orange = medium impact, Green = limited or no impact

Factors aggravating OSH risks	Selected types of platform work			
	Parcel delivery	Handiwork	Online content review	Remote programming
Employment status	High	Low	High	Low
Algorithmic management	High	Medium	High	Medium
Professional isolation/social support	Medium	Medium	High	High
Work-life balance	Medium	Low	High	High
Job / income insecurity	High	Low	High	Low

# Solutions?

- OSH Management Systems for non-platform work (2005 Act):
  - Risk assessment
  - Control measures
  - Consultation
  - Training
  - Management and supervision
  - Systems of work
  - Conduct and behaviour
  - Expertise + Organisational responsibility/ leadership

# In the Digital working world....

- Problems of governance – self employed or employees?
- Problems of ownership – legal entity with OSH responsibility
- Defer responsibility for RA and Controls to individuals, not collective
- What ‘organisational culture’ and even location/ central meeting/forum
- What training or development actions/ engagement
- Lack of knowledge and communications of specific task risks
- Lack of new framework for the work area – one size doesn’t fit all

# Role of Authorities

- Employment status and rights/Industrial Relations mechanisms and systems aside....
- OSH – regulations and pathways to and use of enforcement
- Psychosocial solutions require each employer to have organisational ownership and systems of work within its responsibility
  
- Risk assessment and controls
- Training and upskilling
- Management competency and behaviours

# Sensitive Content Guide

- What are the risks?
- How can they be minimized?
- How that they thereafter be made less toxic
  
- Consultation - various expert bodies and research/existing operations
  - Recruitment
  - Training
  - Engineering and system-led controls
  - Mandatory supports
  - Voluntary supports
  - Review

-

# Psychosocial in digital & non digital work

- Demands – clear, fair understood, comms
  - Control – equipment, training, teams, standard protocols
  - Support – team, supervisor, manager, senior leadership – other?
  - Relationships – meetings, consultation, in-person and on-line
  - Role – clarity, boundaries, written limits, customer-controls
  - Change – communication and records
- 
- A system of work **works** if it doesn't harm a person, regardless of their age, gender, nationalities etc, while they get their job done.



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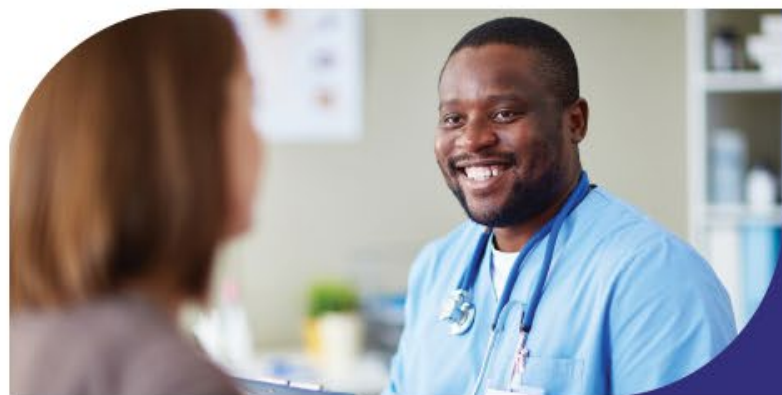
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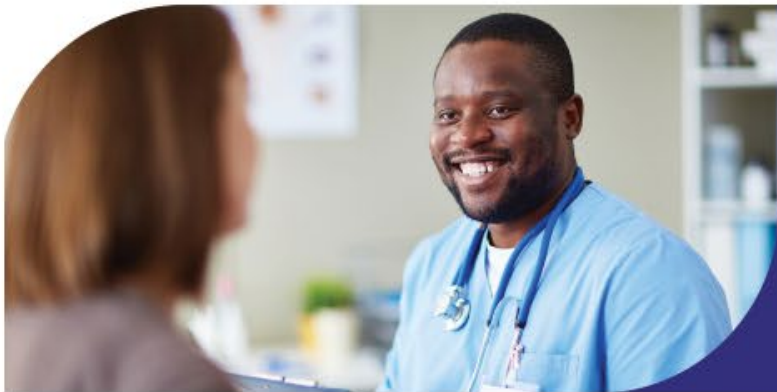




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# Automation: A Human Factors Perspective



Colleen Butler, PhD., C.ErgHF MCIEHF

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# Introduction

- Psychology and Human Factors Research
- 15 years at Science Division, Health and Safety Executive UK
- Chartered Human Factors Specialist
- Joined Health and Safety Authority in January 2023

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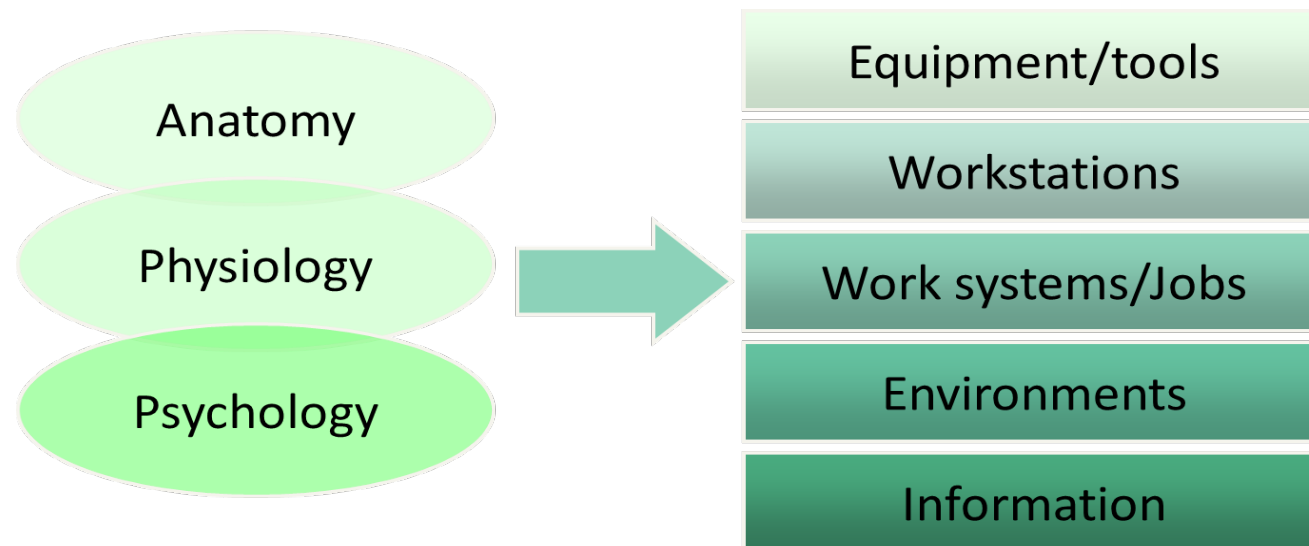
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# Human Factors

*“the **scientific discipline** concerned with the understanding of interactions among humans and other elements of a system, and the profession that applies theory, principles, data and methods to design in order to **optimize human well-being and overall system performance**” [SOURCE: ISO 26800:2011]*

Using **science** in the **design / evaluation** of:





# Aim

## Raise awareness:

- Recognise that automation nearly always changes, rather than removes, the role of people in a system. The role of people can become more difficult > implications for health and safety.
- At some level, people are going to have to monitor, supervise and hold responsibility for the performance of the automation. Design, introduce and support the automation such that those people can maintain awareness of the system.

(Chartered Institute of Ergonomics and Human Factors, 2022:  
White Paper: Human Factors in Highly Automated Systems)

# Benefits of automation

- Improvements in safety and efficiency
- Reduced operating costs and de-manning
- More consistent performance
- Increased capacity



BUT

*Ironies of automation.....*(Bainbridge, 1983)



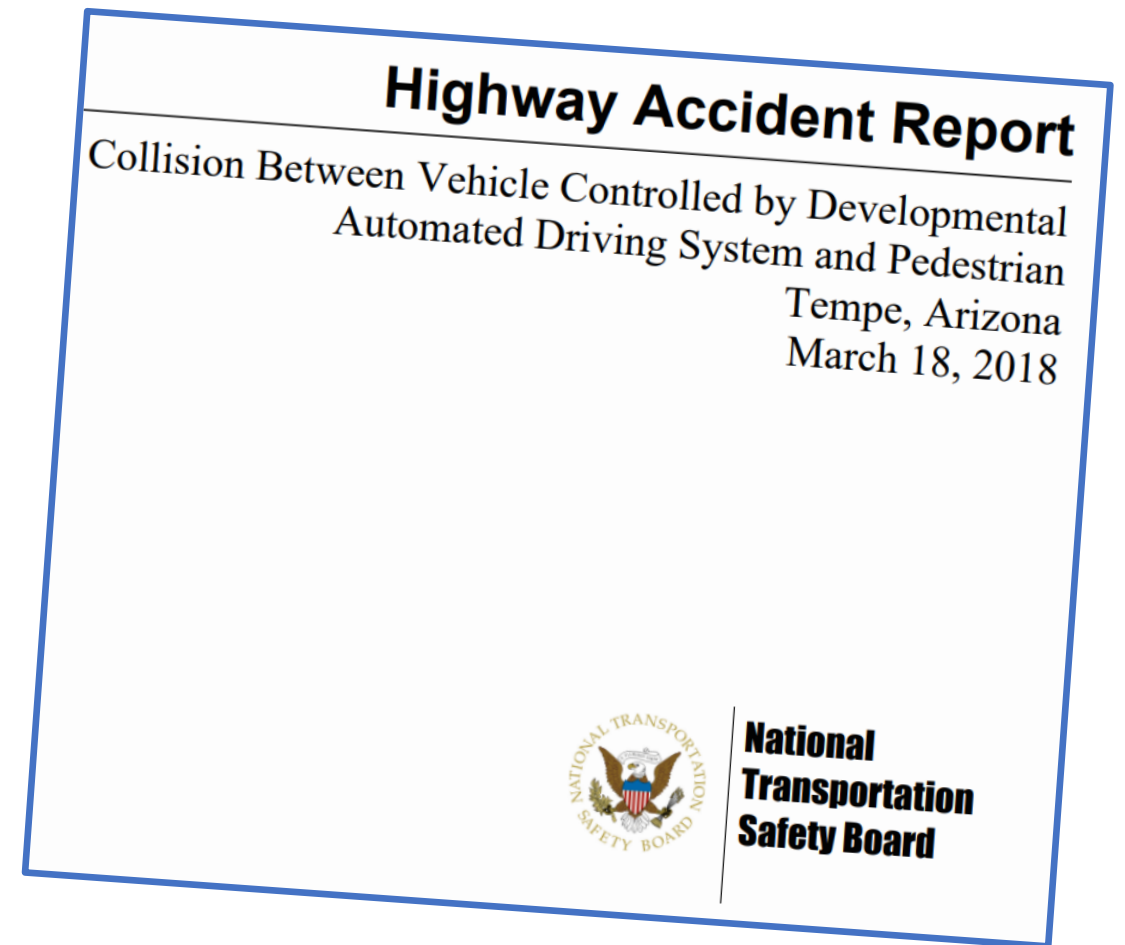
# Automation and Human Factors Challenges

1. Keep the human in the loop and situationally aware.
2. Avoiding people developing an uncritical sense of trust in the system, leading to complacency.
3. Inadvertently increasing the difficulty and/or mental workload.

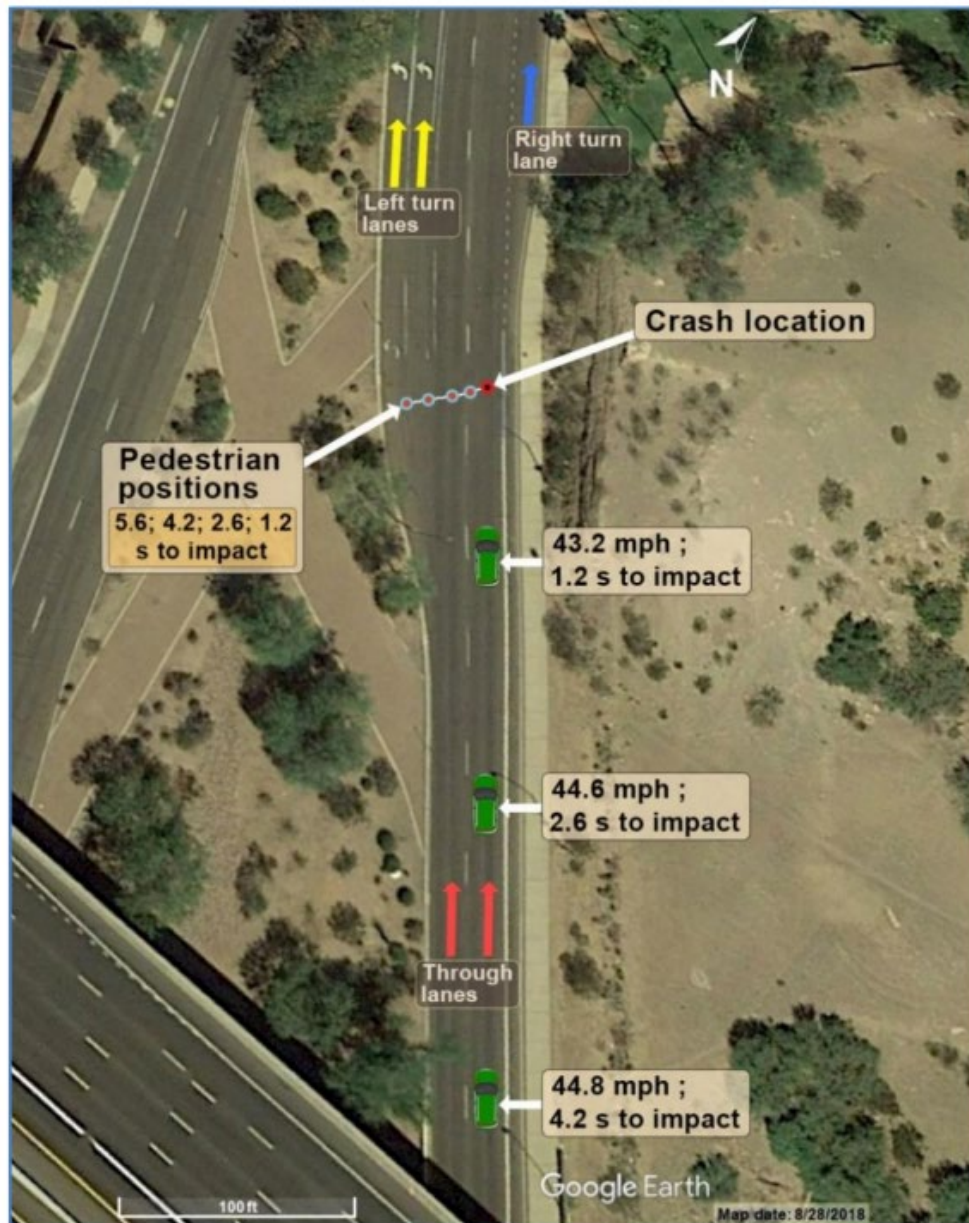
(Chartered Institute of Ergonomics and Human Factors, 2022:  
White Paper: Human Factors in Highly Automated Systems)

# Keeping the human in the loop and situationally aware

- March 2018 – pedestrian killed by self-driving test vehicle
- Pedestrian not classified as collision risk
- Design assumed ‘safety driver’ would be able to take control
- ‘Safety driver’ using mobile phone to watch TV







*“If you build vehicles where drivers are rarely required to respond, then they will rarely respond when required”*

Peter Hancock, NTSB (2018)

Aerial view of crash location of self-driving vehicle (National Transportation Safety Board, 2018)

# NTSB report conclusions

- “...The vehicle operator’s prolonged visual distraction, a typical effect of automation complacency, led to her failure to detect the pedestrian in time..”
- “...The Uber Advanced Technologies Group’s **inadequate safety culture** created conditions— including inadequate oversight of vehicle operators—that contributed to the circumstances of the crash....

# Automation and Human Factors Challenges

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# Explosion and fire at Buncefield oil storage depot, 2005

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# Increasing difficulty for operators

## Buncefield, 2005

- Supervisors relied heavily on Automatic Tank Gauging system
- One screen to display data of several storage tanks
- Tank 912 not visible to operators
- Supervisors developed their own systems to overcome deficiencies in control room information



# Increasing difficulty for operators - Work as imagined vs. work as done

## ‘Work as imagined’

- Supervisors monitor the filling and emptying of tanks
- Supervisors were ‘blocked’ to work five shifts in a row
- Supervisors take breaks
- Normal to work overtime

vs.

## ‘Work as done’

- Supervisors had other duties as well
- Overtime working sometimes led to 84 hours
- No fixed breaks were scheduled
- An additional supervisor would result in a loss of income.



# So.....

- Think of automation as a team member
- Design systems that support operator control
- Early consideration of role of operator/s – what role and responsibility do you want the operator/s to have?

# Human Factors Integration Plan

## ....User-centred approach

1. Specify context of use - who are the users of the new system and what will they be doing?
2. User requirements - With knowledge of hazardous scenarios and tasks, what are the user requirements?
3. Produce design solutions – how should any new equipment be designed?
4. Evaluation of designs – Human Reliability Assessment

Human Factors Integration: Implementation in the onshore and offshore industries (HSE, 2002)



# Summary

- Automation can bring significant improvements in safety, efficiency, capacity.
- Recognise that automation nearly always changes, rather than removes the role of people. It can make their tasks more difficult > health and safety impacts.
- Design, introduce and support automation such that people are supported.
- Think user-centred approach to safety management – Human Factors Integration.

**“You cannot change the human condition, but you can change the conditions under which people work.”**

Professor of Psychology, James Reason, 2000

# References/further information:

Bainbridge L. (1983) Ironies of Automation. *Automatica* 19 (6) 775-779.

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European Union Agency for Railways (2023) HOF in Automation: Automation Myth Busting Series. [HOF in Automation | European Union Agency for Railways \(europa.eu\)](#)

Health and Safety Executive (2002) Human Factors Integration: Implementation in the onshore and offshore industries, BAE Systems Defence Consultancy, Research Report 001.

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National Transportation Safety Board (2019) National Transportation Safety Board. 2019. Collision Between Vehicle Controlled by Developmental Automated Driving System and Pedestrian, Tempe, Arizona, March 18, 2018. Highway Accident Report NTSB/HAR-19/03. Washington, DC.

Reason, James (2000) Human Error: Models and Management, *British Medical Journal*, 2000 Mar 18; 320(7237): 768–770.



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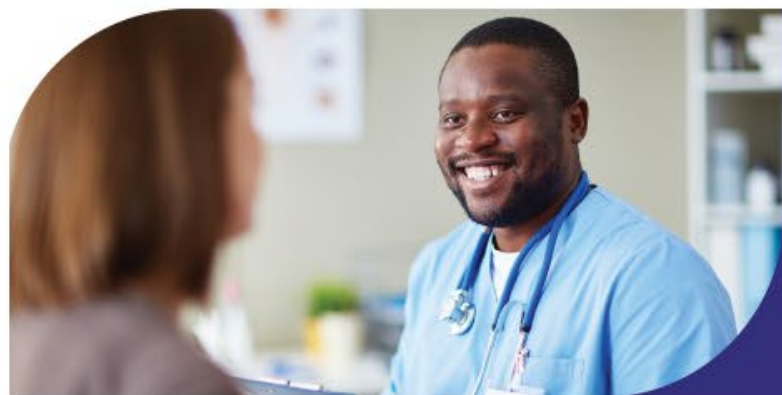
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# Comfort Break

## 15 mins



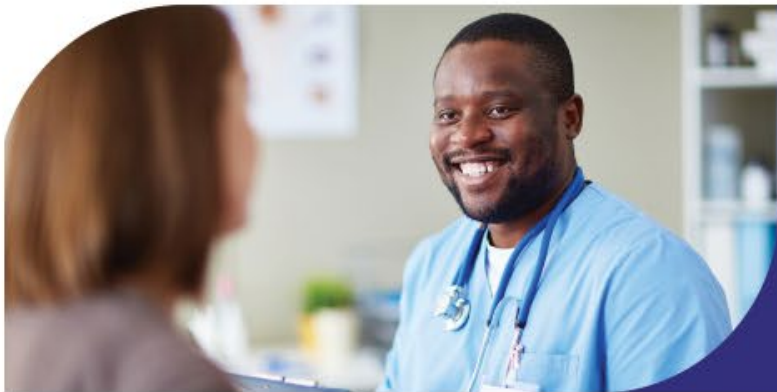
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# Robotics & Digitalisation

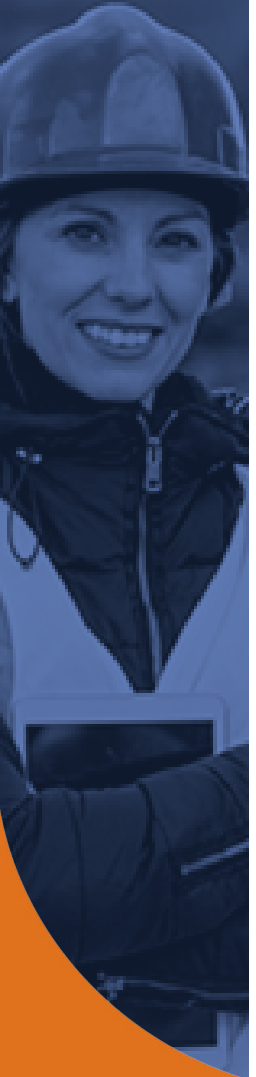
Padraig Delaney, Inspector (Policy & Technical)

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# Elon Musk

*“The scariest problem” is artificial intelligence — an invention that could pose an unappreciated “fundamental existential risk for human civilisation”.*



- Requested by the Senior Labour Inspectors Committee (SLIC) committee to chair a group of inspectors from across Europe to come up with a paper:

***“Digitalisation and the use of machinery and robotics using artificial intelligence”***





## Digitalisation and the use of machinery and robotics using artificial intelligence



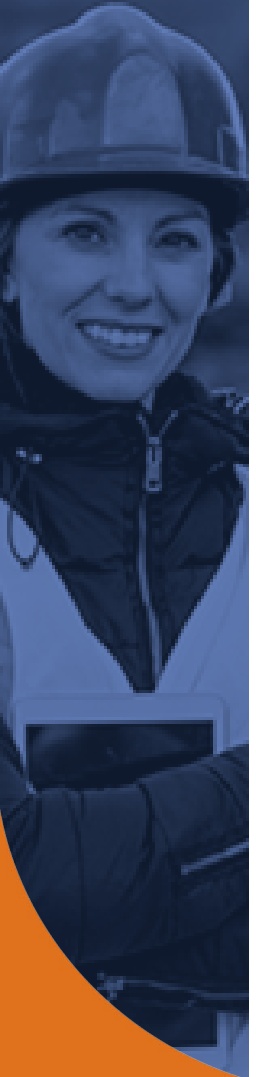
Prepared for the Senior Labour Inspectors Committee (SLIC) and SLIC Working Group MACHEX

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# Areas Considered

- Robots, Cobots, Mobots
- Platform Workers
- AI for Recruitment and Management.
- Remote Control of Equipment.
- Wearable and implanted devices



- Artificial intelligence (AI) refers to systems that display intelligent behaviour by analysing their environment and taking actions – with some degree of autonomy – to achieve specific goals. AI-based systems can be purely software-based, acting in the virtual world (e. g. voice assistants, image analysis software, search engines, speech and face recognition systems) or AI can be embedded in hardware devices (e. g. advanced robots, autonomous cars, drones or Internet of Things applications).”

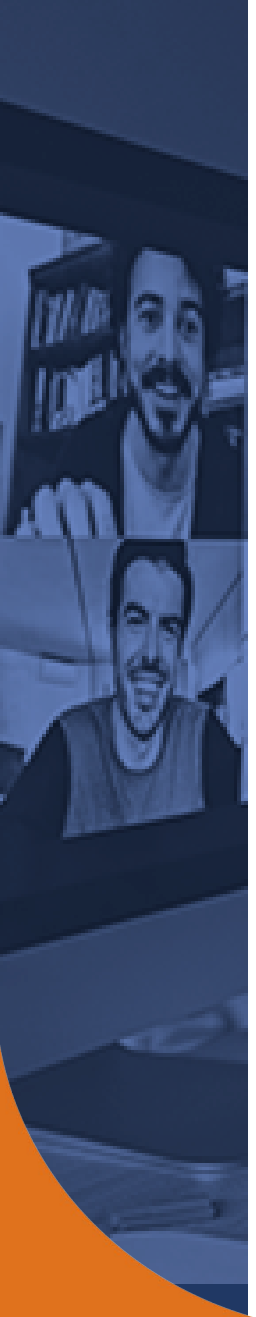
# Case Study-Wearable Devices



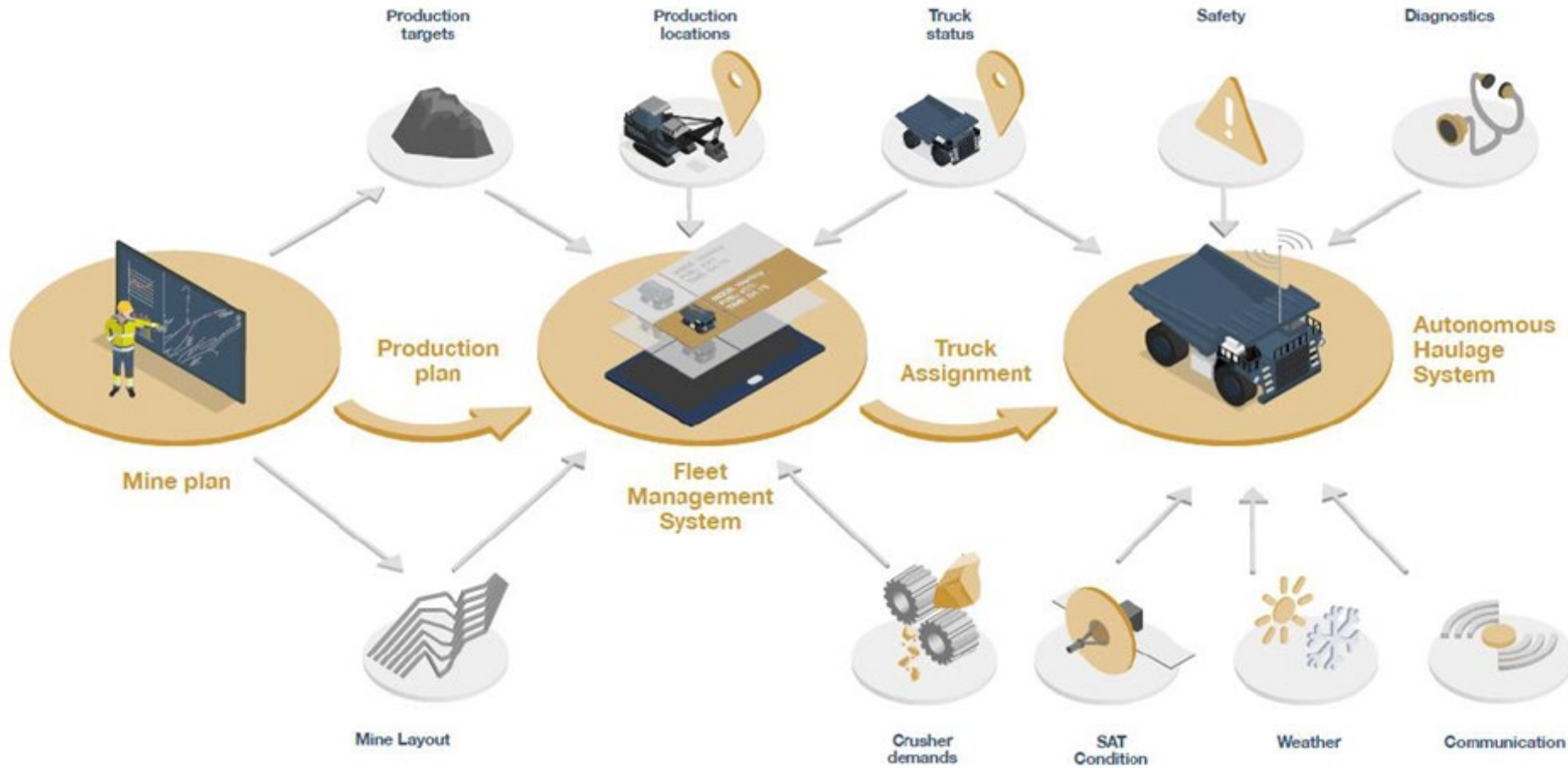
# Case Study -Data Processing in Healthcare



# Case Study - Remote Control (Internet of Things)



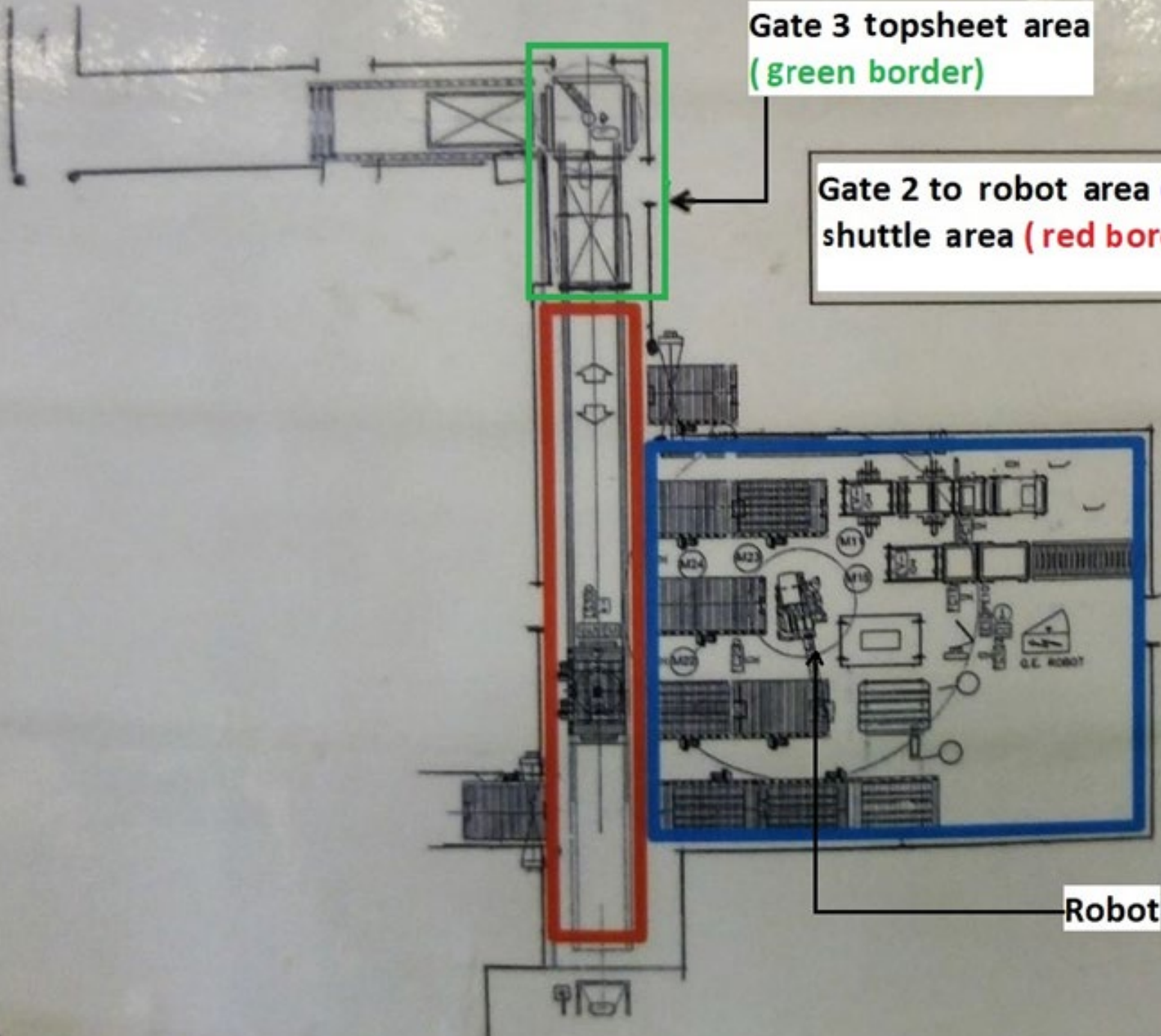
# AI in traditional Mining and Quarrying



# Case Study – Traditional Robot Risk







Gate 3 topsheet area  
(green border)

Gate 2 to robot area (blue border) +  
shuttle area (red border)

Robot



# Platform Workers

- Give the definition in the 89 Framework Directive (89/391/EEC) of:
  - a worker as “any person employed by an employer, including trainees and apprentices ....”; and
  - an employer as “any natural or legal person who has an employment relationship with the worker and has responsibility for the undertaking and/ or establishment”;
- Does the Platform Company have an employee-worker relationship with a person (Mr. A) whose name is on the account with the Platform Company?
- Does the Platform Company have an employee-worker relationship with a person (Mr. B) who actually carries the work at the direction of the Platform Company but is not the person named on the account.
- If the answer to either of the above question is “yes”, then can either Mr. A or Mr. B be truly considered to be “self-employed”?

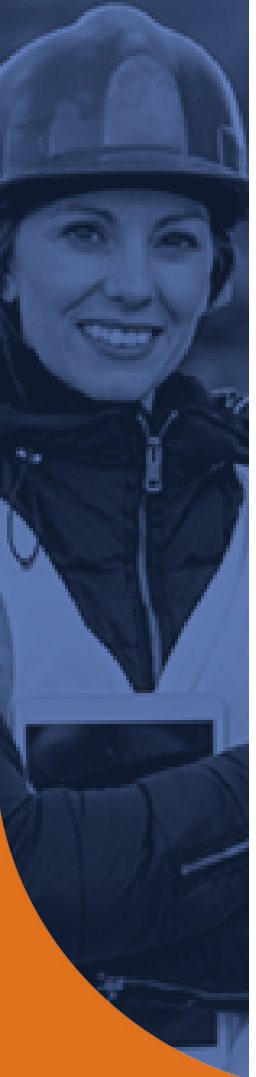
# Our Own 2005 Act

## “employer”,

- (a) means the person with whom the employee has entered into or for whom the employee works under a contract of employment,
- (b) includes a person under whose control and direction an employee works,

## “employee”

- means a person who has entered into or works under a contract of employment and includes a fixed-term employee and a temporary employee and references, in relation to an employer, to an employee shall be construed as references to an employee employed by that employee



- Draft new Machinery Directive
- Draft Regulation of Artificial Intelligence (Artificial Intelligence Act)
- Draft Directive on improving working conditions in platform work
- Cybersecurity Regulation

# Draft New Machinery Regulation

- Special requirements now apply to machineries/machinery parts that "*have embedded systems with fully or partially self-evolving behaviour using machine learning approaches*",
- Manufacturers must take appropriate measures (now explicitly required by law) to ensure the security of their machinery against potential cyber threats and protection against interference

# Draft New AI Legislation

- On 14 June 2023, MEPs adopted Parliaments negotiating position on the AI Act. The talks will now begin with EU countries in the Council on the final form of the law.
- The aim is to reach an agreement by the end of this year.

# Unacceptable risk

- Unacceptable risk AI systems are systems considered a threat to people and will be banned. They include:
  - Cognitive behavioural manipulation of people or specific vulnerable groups: for example voice-activated toys that encourage dangerous behaviour in children
  - Social scoring: Classifying people based on behaviour, socio-economic status or personal characteristics
  - Real-time and remote biometric identification systems, such as facial recognition



# High Risk

## Negatively affect safety or fundamental rights

- 1) AI systems that are used in products falling under the EU's product safety legislation. This includes toys, aviation, cars, medical devices and lifts.
- 2) AI systems falling into eight specific areas that will have to be registered in an EU database:
  1. Biometric identification and categorisation persons
  2. Management and operation of critical infrastructure
  3. Education and vocational training
  4. Employment, worker management and access to self-employment
  5. Access to and enjoyment of essential private services and public services and benefits
  6. Law enforcement
  7. Migration, asylum and border control management
  8. Assistance in legal interpretation and application of the law
- All high-risk AI systems will be assessed before being put on the market and also throughout their lifecycle.

- Generative AI
- Generative AI, like ChatGPT, would have to comply with transparency requirements:
  - Disclosing that the content was generated by AI
  - Designing the model to prevent it from generating illegal content
  - Publishing summaries of copyrighted data used for training

# Draft New Directive Platform Work

- On 9 December 2021, the Commission submitted a proposal for a Directive on improving the working conditions in platform work. The proposal seeks to:
  1. Improve the working conditions of platform workers by facilitating the correct determination of their employment status
  2. Improve the protection of the personal data of persons performing platform work by improving transparency, fairness and accountability in the use of automated monitoring or decision-making systems
  3. Improve the transparency of platform work and put certain remedies and enforcement measures in place

# EU Cybersecurity Act

- What is the EU Cybersecurity Act?
- Regulation (EU) 2019/881 on ENISA and on information and communications technology cybersecurity certification and repealing Regulation (EU) No 526/2013 (the EU Cybersecurity Act) has two functions:
  1. Granting a permanent mandate to ENISA (the European Union Agency for Network and Information Security); and
  2. Setting out a European cyber security certification framework for ICT (information and communications technology) products, services and processes.

- Proposal for a REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL amending Regulation (EU) 2019/881 as regards managed security services
- Some Member States have already begun adopting certification schemes for managed security services. There is therefore a growing risk of fragmentation of the internal market for managed security services owing to inconsistencies in cybersecurity certification schemes across the Union. This proposal enables the creation of European cybersecurity certification schemes for those services to prevent such fragmentation.

# Positives

- Technology used to increase safety
- Reduction in certain types of strenuous work
- Reduction in in repetitive work
- Platform work can offer more flexibility, employment opportunities and additional income to people who might find it difficult to enter the traditional labour market





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## Scan Marker to Place Model



Approach the Marker until you see the progress circle. Complete the progress circle by shifting from left to right, to view the Marker from a range of angles.





# Negative Effects

- For Platform Workers, lack of infrastructure concerning the presence of facilities for the bike couriers, e.g. toilets, washing facilities, showers and possibilities to change clothes is problematic
- Psychological impacts like anxiety, anger or depression which has a potential to cause workers to absent themselves from work
- “Black Box” where it’s impossible to analyse the steps being taken by AI



 Yahoo Movies Canada

**Chess robot breaks seven-year-old boy's finger during match in Moscow**



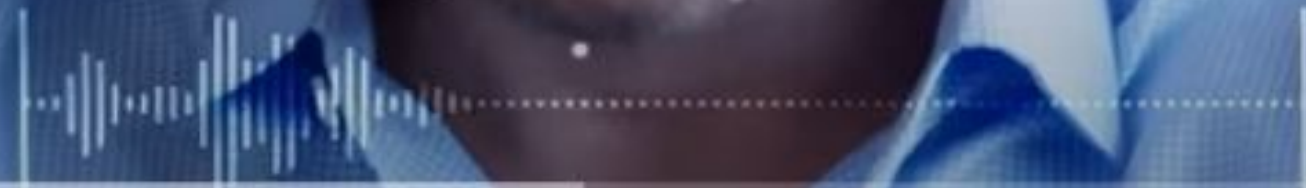
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WELL WHAT I THINK YOU SHOU

Play (k)



- Future Move towards analysis of “White Collar” workers
- Monitoring of time in front of screen
- Keystrokes
- Keyboard activity



# Summary

- Potential for change is limitless
- All change associated with technology is not necessarily positive
- In many respects, true artificial thinking intelligence appears to be a distance into the future



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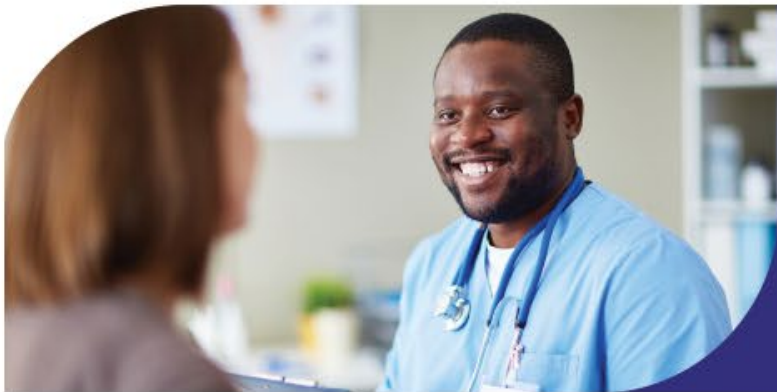
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Thank you  
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[wcu@hsa.ie](mailto:wcu@hsa.ie)

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E: [contactus@hsa.ie](mailto:contactus@hsa.ie)

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# Safe and healthy work in the digital age – an employer's perspective

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Dr. Michael Gillen

October 2023

# Short poll



# 1989 – fall of the Berlin Wall

## **Ireland**

- Safety Health & Welfare at Work Act 1989

## **Europe**

- European Framework Directive on Safety and Health at Work (Directive 89/391 EEC)
  - ‘Risk assessment’

## **Global**

- March 12 – Tim Berners-Lee produced the proposal document that would become the blueprint for the World Wide Web

# International Labour Organization 2019

## 'Safety and health at the heart of the future of work'

- **Challenges and opportunities**
  - Technology
  - Demographics
  - Sustainable development and OSH
  - Changes in work organisation
- **Responding to these challenges**
  - Anticipation of new OSH risks
  - Multidisciplinarity in managing OSH
  - Building competence on OSH
  - Widening the horizon: The link to public health

# Safe and healthy work in the digital age

## 5 priority areas give structure to the campaign

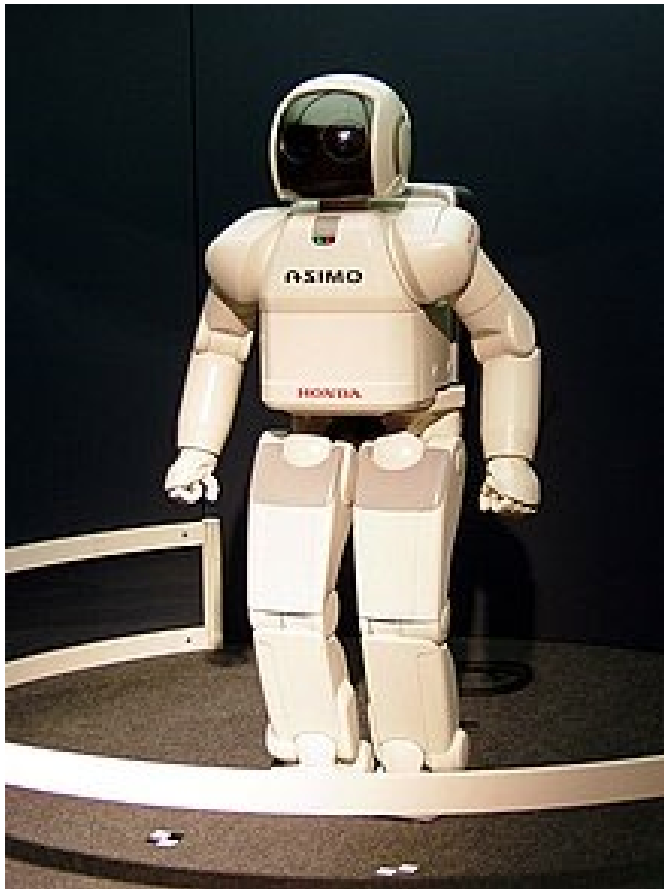
1. Digital platform work
2. Advanced robotics and artificial intelligence
3. Remote work
4. Smart digital systems
5. Worker management through artificial intelligence

# Digital platform work

1. 39% Taxi driver
2. 24% Food delivery
3. 19% Home services
4. 7% Professional services
5. 6% Freelancers
6. 3% Domestic work
7. 2% Micro tasking



# Advanced robotics & artificial intelligence



# Remote work

## [Occupational Safety and Health Guidance on Remote Working](#) (HSA)

- 3 steps
  1. Work activity
  2. Identification of hazards and assessment of risk
  3. Monitor, review and communicate with employees regularly

# Smart digital systems – EU-OSHA

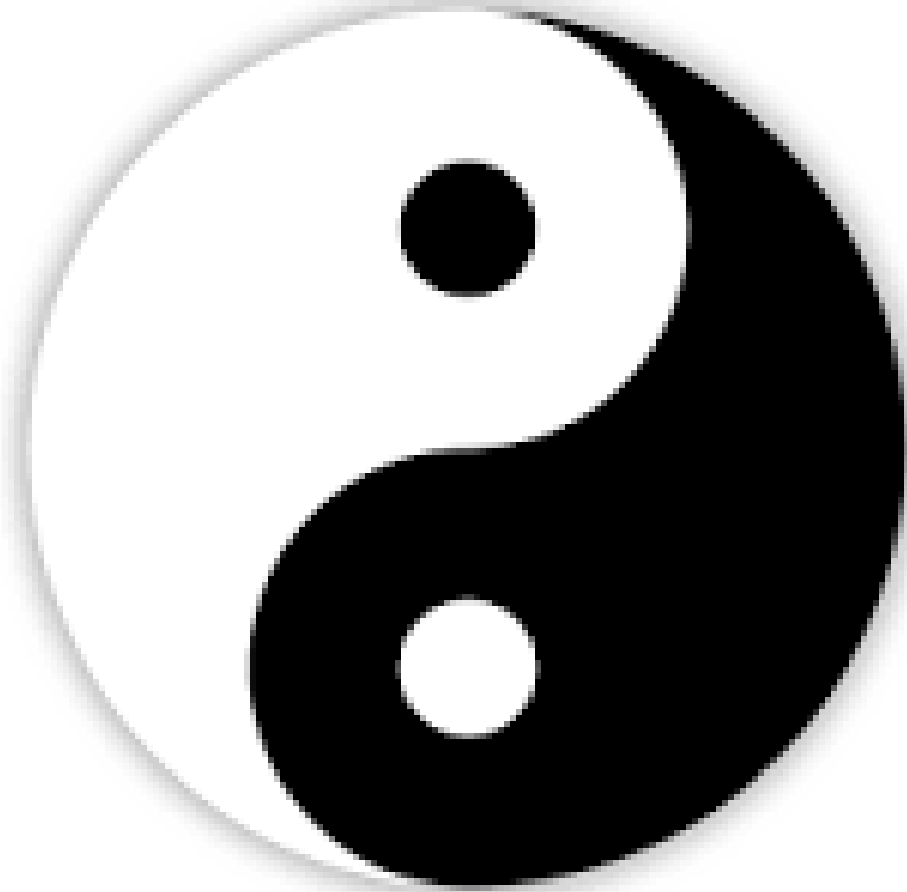
## Smart digital systems – 3 new policy briefs

1. Types, roles and objectives
  - <https://habitushealth.net/>
  - <https://www.fyld.ai/>
  - <https://safe365global.com/>
2. Optimising the uptake
3. Opportunities & challenges

# Worker management through artificial intelligence

- Definitions
  - *‘**worker management** refers to a process of overseeing and governing employees to better achieve organisational goals, such as increasing productivity and efficiency, decreasing employee turnover, and ensuring workers’ health and safety’.*
  - *‘...**artificial intelligence system**’ (AI system) means software that is developed with one or more of the techniques and approaches and can, for a given set of **human-defined objectives**, generate outputs such as content, predictions, recommendations, or decisions influencing the environments they interact with’.*

# Mary Ward & technology





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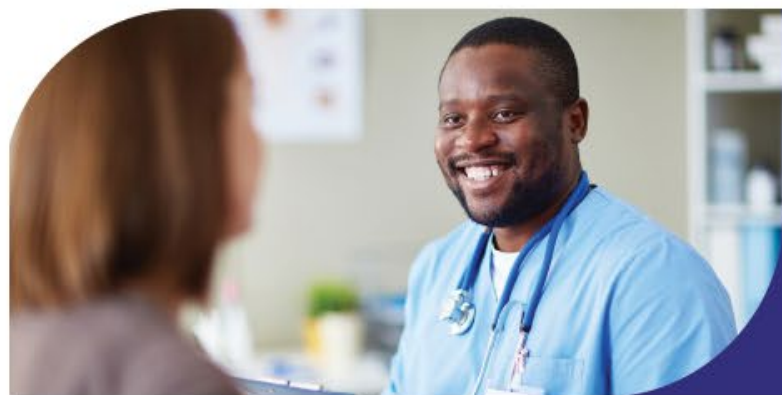
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Go raibh maith agaibh  
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E: [contactus@hsa.ie](mailto:contactus@hsa.ie)

W: [www.hsa.ie](http://www.hsa.ie)

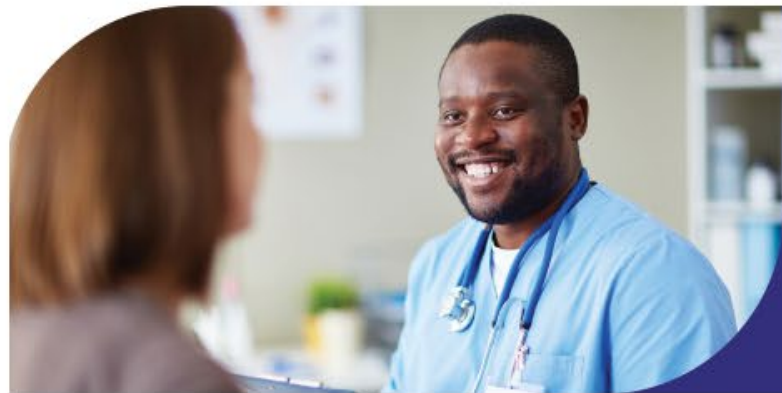




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# Managing Remote Working and a Distributed Workforce



Brian Molloy, Inspector  
Enterprise and Employee Support Unit

**#EUhealthyworkplaces**

# Introduction

Background / Defining Remote Work

CSO Statistics

Background to the Guidance and Checklist

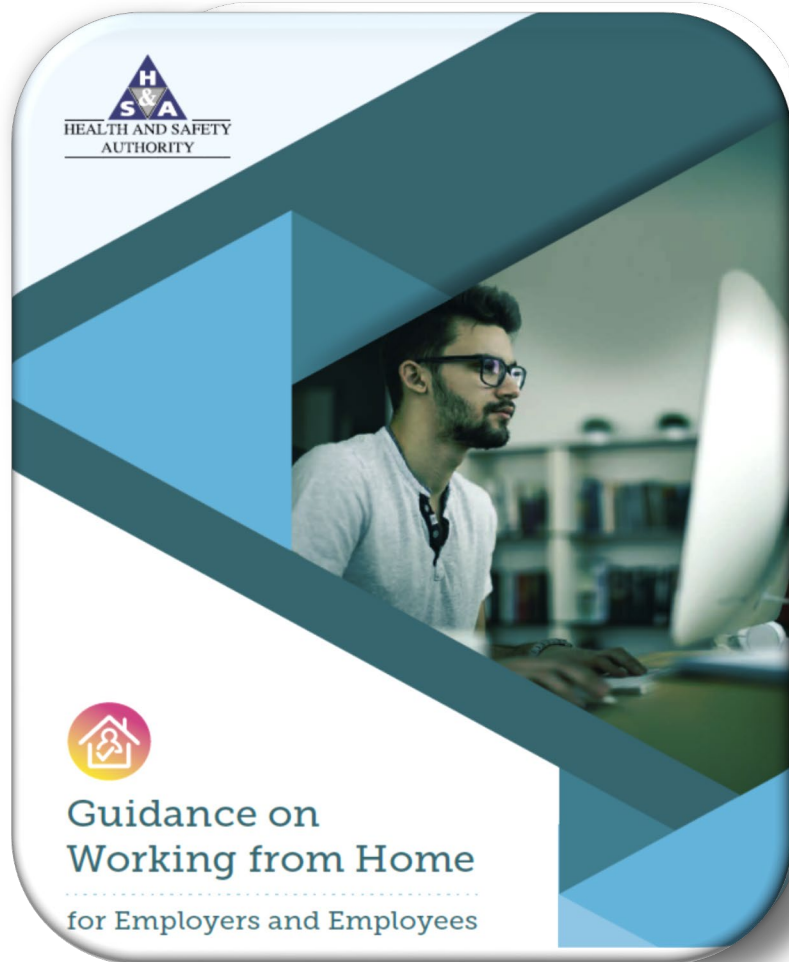
Roles and Responsibilities

Remote Working Assessment

Resources for Employers and Employees



# Background to Guidance



## Health and Safety and Welfare at Work Act (2005)

**‘Making Remote Work’ is Ireland’s National Remote Work Strategy. The Strategy’s objective is to ensure that remote working is a permanent feature in the Irish workplace in a way that maximises economic, social and environmental benefits.**

legislation – guidance developed to assist with this

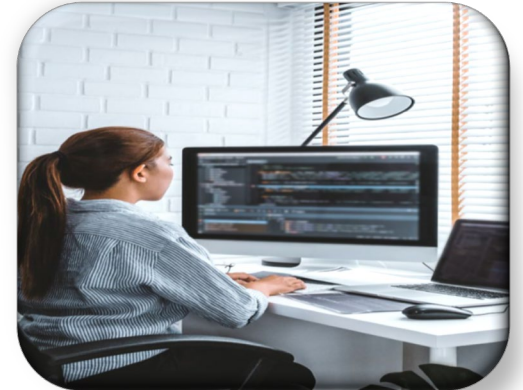
## Defining Remote work



**Remote working refers to work activities undertaken away from the employer's normal work premises including in a domestic setting or a remote working hub.**

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# Future Jobs Ireland focuses on five pillars, namely:

- Embracing Innovation and Technological Change
- Improving SME Productivity
- Enhancing Skills and Developing and Attracting Talent
- Increasing Participation in the Labour Force
- Transitioning to a Low-Carbon Economy

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Five Pillars



Future Jobs Ireland

Platform Work



# CSO Pulse Survey / Principles

## CSO PULSE SURVEYS

## Our Lives Online: Remote Work NOVEMBER 2021

Of those in  
**employment...**

**80%**

have worked remotely **at some point** since the start of the pandemic and

**65%**

are **currently** working remotely  
(Nov '21)



Of  
**respondents...**

**75%**

who were **engaged on home duties** would consider employment if they could work remotely

**69%**

who were **unable to work due to longstanding health problems** would consider employment if they could work remotely

**27%**

of those in employment in the **West Region** would consider a house move if they could work remotely



**46%**

of those in employment in the **Dublin Region** would consider a house move if they could work remotely

Compared to days they are in their workplace, when those **aged 45-54 years work remotely...**



**73%**

take **less** car trips



**50%**

take **more** trips on foot



**34%**

take **more** bicycle trips

Of those who  
**remote work...**

**81%**

aged **18 to 34 years** feel they have more time on their hands due to remote work

**94%**

whose commute time before the pandemic was over **1 1/2 hrs** feel they have more time on their hands due to remote work



# Roles and Responsibilities

**The responsibility for safety and health at work rests with the employer regardless of whether an employee works remotely or at the employer's premises.**

**Employers must provide a safe work environment and, in doing so, assess the risks and ensure appropriate controls are place to safeguard employees at work.**

**Employees working remotely have a responsibility to take reasonable care while at work, and must:**

- Co-operate with their employer and follow agreed safety procedures,
- Protect themselves from harm during their work; for example, use any equipment provided correctly and report any defects immediately to the employer, and
- Report any injury arising from the work activity to their employer immediately.

# Remote Working Assessment

A Remote Work Assessment refers to the assessment carried out by a competent and trained assessor of the employee's identified workplace.

A competent person is someone with sufficient training, experience and knowledge who can carry out the assessment.



# Checklist – 3 Steps

## Step 1



### Work activity

#### Section 1

Employee information

#### Section 2

Workplace equipment

## Step 2



### Assessment of hazards

#### Section 3

Work environment

#### Section 4

Workstation

#### Section 5

Communication,  
consultation and  
accident reporting

## Step 3



### Monitor, review and communicate with employees regularly

#### Section 6

Records  
management

#### Section 7

Additional  
information  
or notes

# Step 1: Work Activity

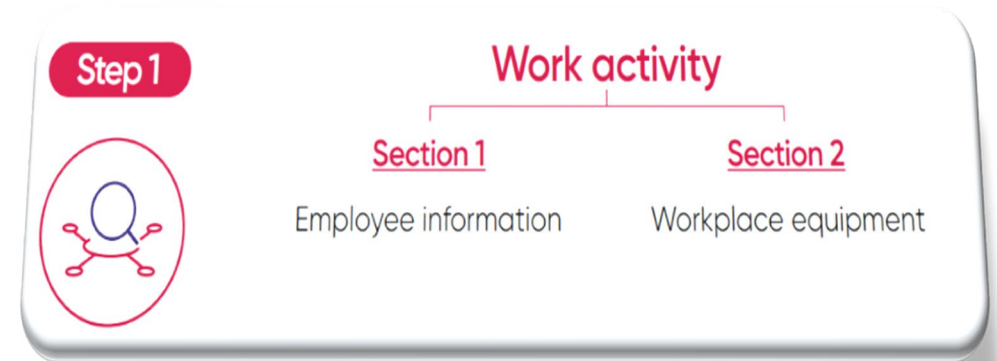
Step 1 – Looks at the work activity.

This includes two sections:

- Section 1: Employee Information
- Section 2: Workplace Equipment

Identify primary remote work location

Identify the type of work to be undertaken remotely and what equipment and resources are required.



Section 1 - Employee information

Name:	John Smyth
Location:	123 Beechwood Lawns, Kilkenny R95 XXX
Job Title:	Sales Assistant
Work Activity:	Sales and Marketing
Assessor:	Joe Bloggs
Manager:	Mary Dolan

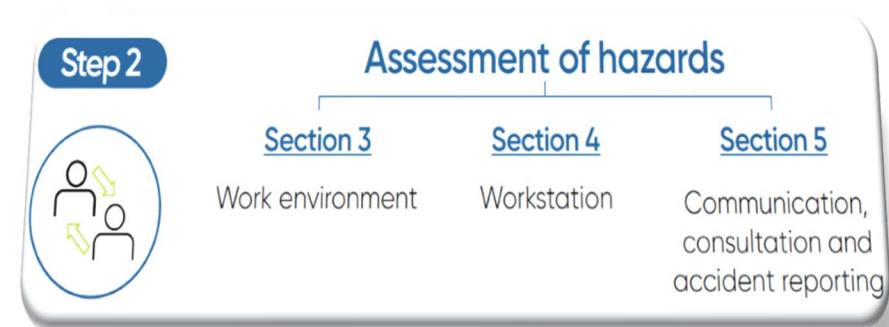


# Step 2: Assessment of Hazards

**Step 2 - Addresses the assessment of hazards.**

This includes three sections:

- Section 3: Work Environment
- Section 4: Workstation including Display Screen Equipment (DSE) and work equipment
- Section 5: Communication, consultation and accident reporting



# Step 2: Assessment of Hazards

## Section 3 - Work environment

Work environment means the place where work is carried out (for example, in a domestic setting, remote working hub or other location) and environmental conditions associated with the place of work. Certain hazards may be relevant depending on the place of work or work activity. For more information visit [www.hsa.ie](http://www.hsa.ie).

Controls	Yes	No	N/A	Notes
<b>Place of work</b>				
Is the place of work suitable for the work to be undertaken?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
<b>Lighting</b>				
Is suitable lighting (for example natural, task lighting) available for the type of work being carried out and the employees' vision?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Is additional task lighting required?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
<b>Heating and Ventilation</b>				
Can temperatures be regulated? (For most people an acceptable temperature for office work lies within the range of 18°C to 23°C).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Is there adequate ventilation in the workplace? Ventilation can be regulated naturally (window or door) or mechanically.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
<b>Electricity</b>				
Is the employee aware that they should check and advise their employer of any defects?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Is electrical equipment provided to employees used correctly, checked for frayed wires, signs of burns or melting, and is unsafe equipment taken out of use?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Is there an adequate number of sockets available?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

## Section 4 - Workstation including Display Screen Equipment (DSE) and work equipment

Workstation - means an assembly comprising of display screen equipment, which may be provided with a keyboard or input device, software or a combination of the following:

- Work chair, work desk or work surface; and
- Other work equipment or peripherals. For example, footrest, document holder, docking station

The employer is responsible for providing and maintaining work equipment identified for the work such as computers, monitors, keyboards, chairs, desks etc., or equipment identified following a risk assessment.

**NOTE: Employees can use their own equipment if deemed suitable.**

Controls	Yes	No	N/A	Notes
<b>Desk and Workstation</b>				
Is there enough knee clearance underneath the workstation?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Is there enough space to allow the employee to change position and vary movements?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Is the area clutter free so that the employee can focus easily on the task?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Is a document holder required to read documents?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
<b>Chair</b>				
Is the chair provided stable, adjustable in height, allows freedom of movement, and provides lower back support?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Is the chair set up so that the forearms are level with the desk?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Does the chair have a back rest which is adjustable in height and has the employee been advised to sit back in their seat in order to get good lumbar support?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

## Section 5 - Consultation, communication and incident reporting

Maintaining good consultation and communication with remote workers helps determine whether the safety and health arrangements are working.

Keeping good records, reviewing and following up on corrective actions ensures a safe remote work environment.

Controls	Yes	No	N/A	Notes
<b>Consultation and Communication</b>				
Are arrangements in place to consult with employees?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Are there arrangements in place for keeping in contact, and is the employee informed of these?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Is there an established means of contact for communicating and providing updates (for example, via phone, web or email as required)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Can employees report safety and health issues (for example, health related issues, workload, faulty equipment etc.)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Are arrangements in place to report psychosocial issues (for example, work related stress, difficulties maintaining boundaries between home and work, social isolation, managing change in work, bullying etc.)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
<b>Incident Reporting</b>				
Has the employee been advised of the procedures for reporting any work-related incidents, (for example, musculoskeletal discomfort)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
<b>Additional Identified Controls</b>				
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

# Step 3: Monitor, review and communicate with employees regularly

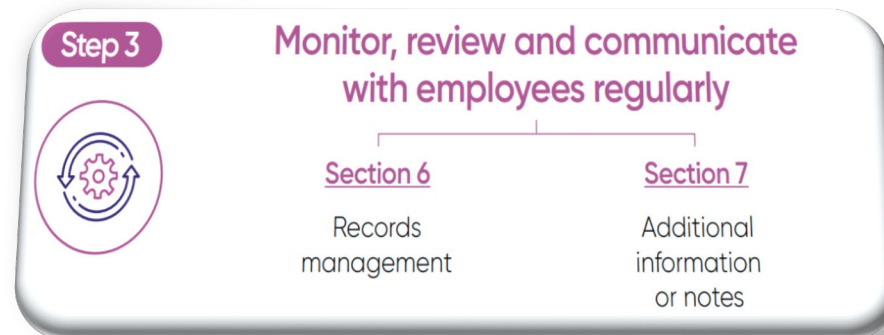
**Step 3 -Addresses reporting requirements.**

This includes two sections:

- Section 6: Records Management
- Section 7: Additional Information or Notes

It is important to capture any identified corrective actions and to ensure that follow up measures are actioned

The remote working assessment needs to be reviewed on a regular basis and this can vary depending on the type of remote working location(s) and frequency of remote work.



**Step 3 - Monitor, review and communicate with employees regularly**

**Section 6 - Records management**

In this section it is important to capture any identified corrective actions and to ensure that follow up measures are actioned. The remote working assessment needs to be reviewed on a regular basis and this can vary depending on the type of remote working location(s) and frequency of remote work.

Date Assessment Carried Out: \_\_\_\_\_

Employee Name:	Employee Signature:	Date:
Assessor Name:	Assessor Signature:	Date:
Corrective Actions Identified:	Date Corrective Actions Were Completed:	

# Further Assessment

Further assessment is required in certain situations.

This includes when:

- The nature of the work changes.
- There are changes in the location of the employee's place of work.
- The duration of remote work changes.
- There are changes in the location of the workstation.

# Psychosocial

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What are the main stressors assessed in a psychosocial risk assessment?

The main categories to consider are:

- > Demands
- > Controls
- > Supports
- > Relationships
- > Roles
- > Change

## 10 Psychosocial Hazards (Stressors)

### Introduction

The term 'psychosocial' relates to the combined influence that psychological factors and the surrounding social environment have on a person's physical and mental wellness and their ability to function.

From a workplace perspective, 'psychosocial' refers to the hidden workplace.

For example, social and cultural norms or the way people interact with each other, or the system of work.

- 'Psych' refers to the mindset of the individual(s).
- 'Social' refers to the work environment – that is, the work culture, communication, or how work is done.

Psychosocial hazard identification assesses risks and how they are controlled and managed.

It is important to understand how to control psychosocial hazards or stressors which can lead to conflict, distress, poor physical health or occupational illness, and long-term absence from work.

This Information Sheet gives practical advice on what psychosocial hazards are, and the roles and responsibilities of employers and employees in relation to managing psychosocial hazards.

### Typical Psychosocial Hazards

Typical psychosocial hazards in the workplace include:

- > Bullying
- > Conflicting demands and lack of role clarity
- > Lack of control over the way work is done and / or the work rate



- > Lack of support from colleagues and / or management
- > Poor communication or lack of communication
- > Shift work

# Remote Working Resources

## Adjust seat so that:

- ▲ the desk is just underneath forearms; hands, wrists and forearms are parallel to the floor;
- ▲ your thighs are fully supported on the chair and parallel to the floor; use a footrest if needed; and
- ▲ your thighs, knees and back of legs are clear of surfaces.

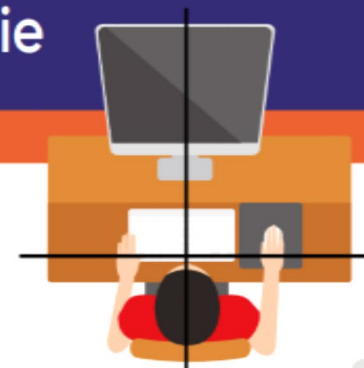
Sit upright and all the way back in the chair.  
Sit facing work area.  
Shoulders relaxed and head naturally balanced.



## Adjust monitor so that:

- ▲ the screen is as far away as is comfortable or about an arm's length away;
- ▲ the top of screen is at or slightly below eye level.

Avoid twisting the upper body and position the keyboard and mouse next to each other and near enough so that elbows are close to the body.



Take breaks and stand and/or move frequently



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Business electronic Safety Management  
And Risk assessment Tool

- 1 Free to use
- 2 Select your business
- 3 Prepare your risk assessment
- 4 Download your safety statement

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Remote Working Hubs -  
Coming Soon

BeSMART.ie  
Completed Business Types  
**91,679**  
October 2023  
Register Now

BeSMART.ie  
New signups and accounts  
**105,583**  
October 2023  
Register Now

330  
Business  
Types

522  
Hazards

5000+  
Controls

1,7m  
Completed  
Hazard  
Assessments

# Remote Working Resources



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Remote Working

Remote working refers to work activities undertaken away from the employer's normal work premises including in a domestic setting or a remote working hub.

The responsibility for safety and health at work rests with the employer regardless of whether an employee works remotely or at the employer's premises. Employers must provide a safe work environment and, in doing so, assess the risks and ensure appropriate controls are in place to safeguard employees at work.

The [Occupational Safety & Health Guidance on Remote Working](#) provides guidance for employers and employees on roles and responsibilities in relation to remote working, and the remote working risk assessment process. The assessment involves a three-step process. It is the employer's responsibility to proactively ensure that the assessment is completed for each employee by a suitably trained, competent person and account is taken of changing circumstances. A standalone 'Remote Working Assessment Checklist' is [available here](#).

A short awareness raising course on this guidance is available on [hsalearning.ie](#).

- Remote Working Guidance and Checklist
- Psychosocial Hazards & Remote Working
- Ergonomics
- FAQ
- Further Information



Welcome to this short course on **Occupational Safety and Health when Remote Working**.

The Health and Safety Authority (HSA) has developed this **awareness raising course** for employers, including the self-employed, and employees. The course is relevant to all workplaces in Ireland where employees are currently working remotely or where employers are planning to make arrangements for their employees to work remotely. A remote working setting includes a domestic setting or a remote working hub.

This course is based on the **Occupational Safety and Health Guidance on Remote Working** published by the HSA.

#### Learning outcomes:

At the end of the course, you should be able to:

- understand employer and employee roles and responsibilities in relation to remote working.
- understand the scope of a remote working assessment and how this can be undertaken.
- use the remote working assessment checklist structure and topics.

#### Course Format

The course has 6 parts:

- Part 1: Introduction
- Part 2: What is Remote Working?
- Part 3: Remote Working Assessment
- Part 4: Remote Working Assessment Checklist
- Part 5: Assessment
- Part 6: Conclusion and Further Information

**Course Duration:** 15 minutes

**Note:** You can stop the course at any time and come back to it at a later stage, taking up where you left off.

**Course setup:** This course requires a computer/device which is connected to the Internet and is running a web browser. For optimal user experience, this course runs best in Chrome.

HSA.ie

hsalearning.ie





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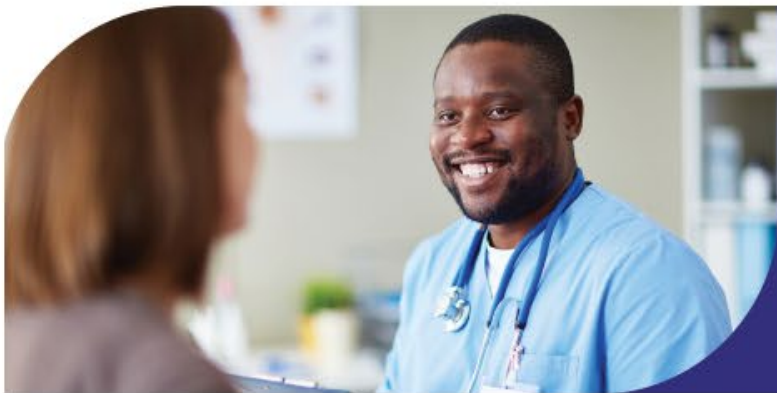
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# Q & A