



# ***IOSH OSH Educational Programmes: Strength and Strategies***

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# What is IOSH?

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## Professional body

A not for profit organisation holding a Royal Charter that exists for the public good

## Thought leader

Underpinned by research, expertise and understanding around occupational safety and health



## Membership organisation

Supporting a global network of 47,500+ members in 130 countries

## Enabler

helping organisations around the world to excel in safety and health

# IOSH – what we stand for

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## Our vision

A safe and healthy world of work

## Six Priorities



## Our strategy



# Health and safety statistics

## Key figures for Great Britain (2017/18)

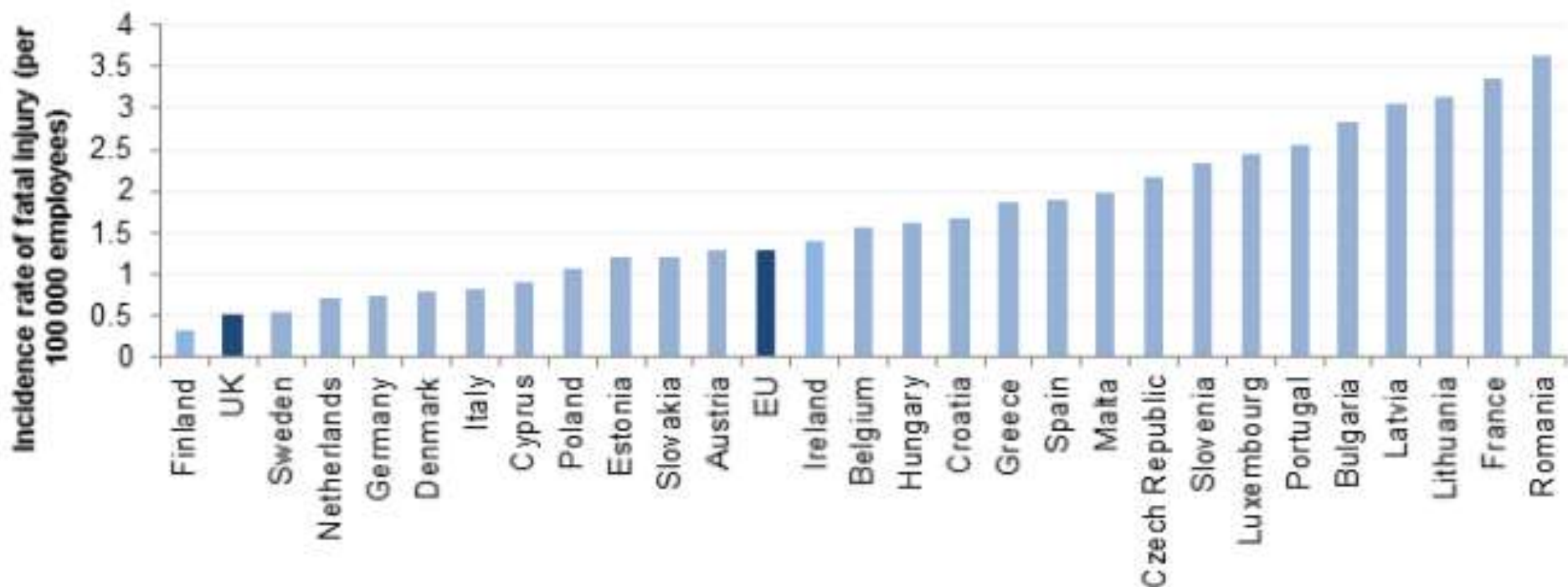
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- **1.4 million** working people suffering from a work-related illness
- **2,595 mesothelioma** deaths due to past asbestos exposures (2016)
- **144** workers killed at work
- **555,000** injuries occurred at work according to the Labour Force Survey
- **71,062 injuries** to employees reported under RIDDOR
- **30.7 million** working days lost due to work-related illness and workplace injury
- **£15 billion** estimated cost of injuries and ill health from current working conditions (2016/17)

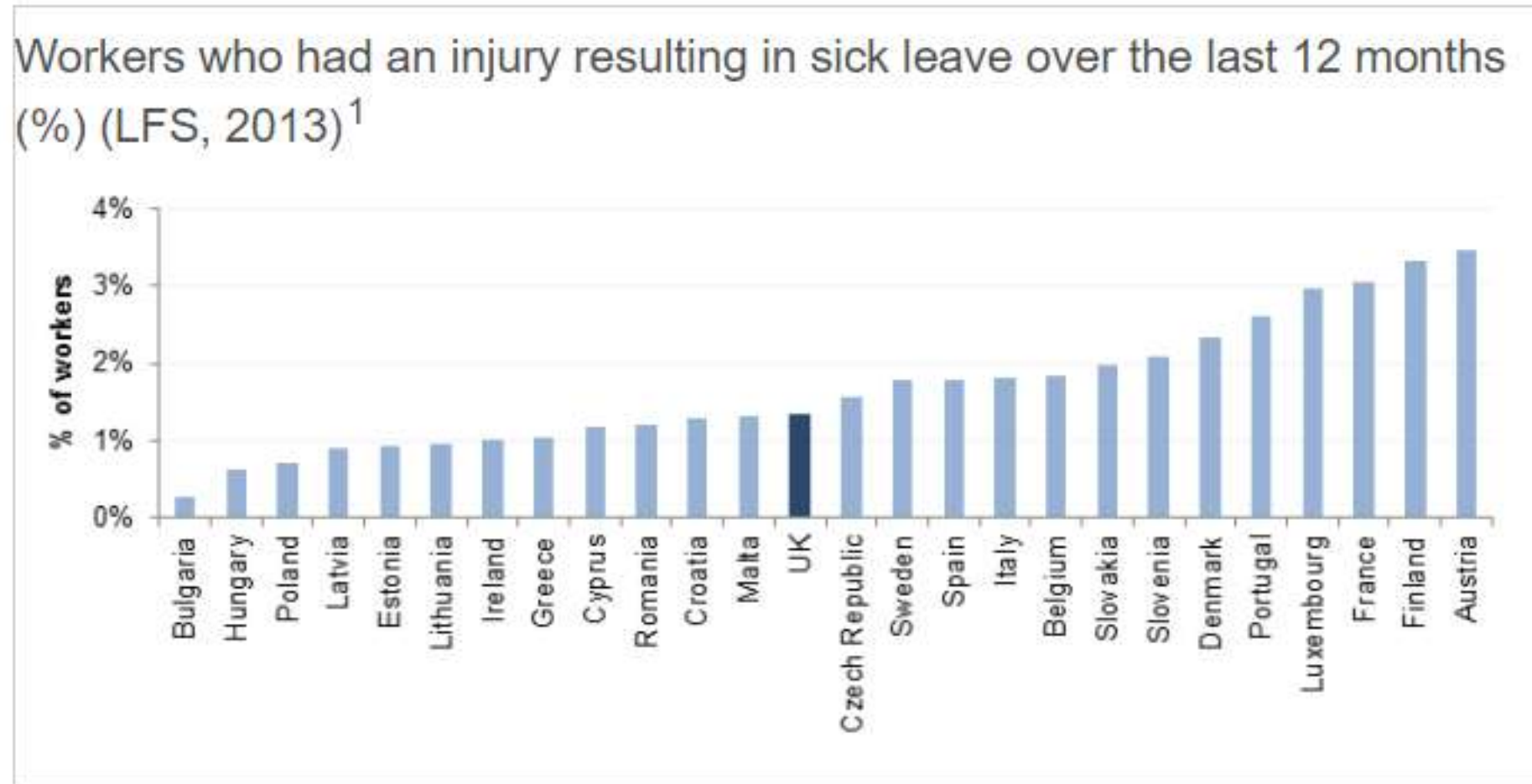
Data Source: Health and Safety Executive  
<http://www.hse.gov.uk/statistics/index.htm>

# Health and Safety in the UK

Standardised incidence rates of fatal injury at work, excluding road traffic accidents and accidents on board transport in the course of work for 2015, (Eurostat, ESAW, 2015)

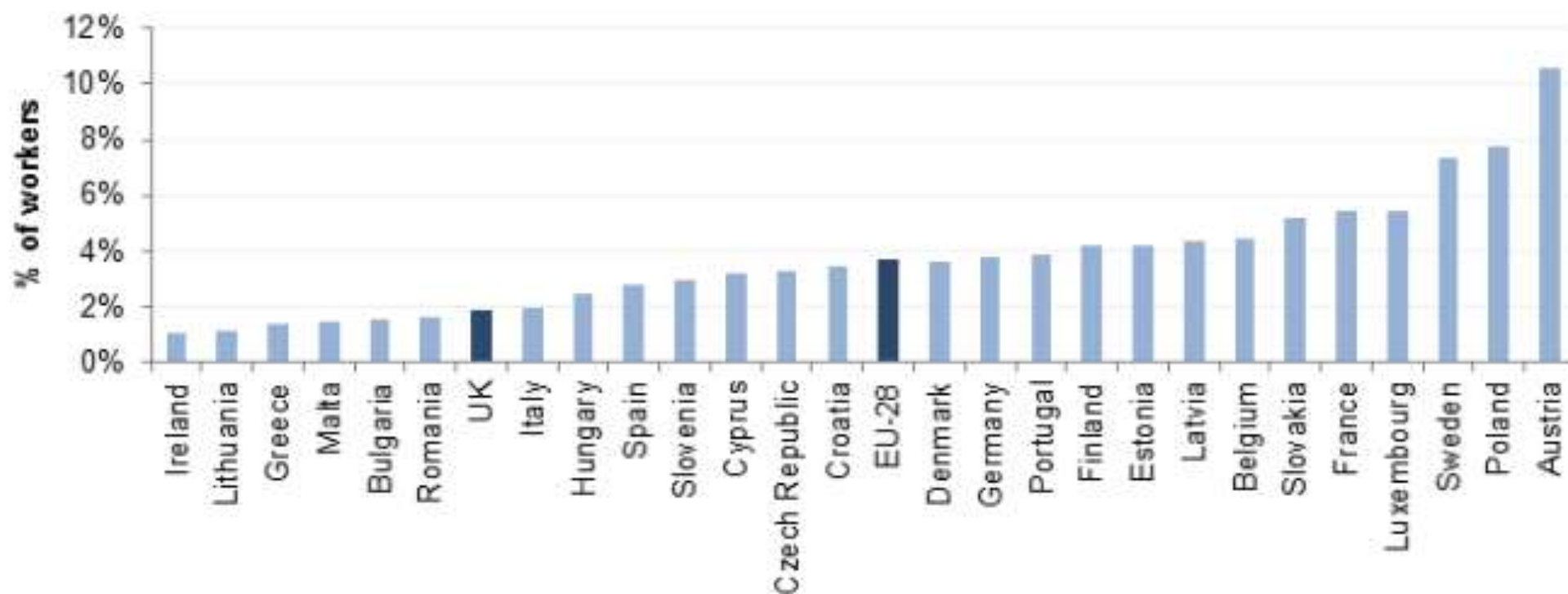


# Health and Safety in the UK



# Health and Safety in the UK

Workers with one or more work-related health problem resulting in sick leave (%) (LFS, 2013)



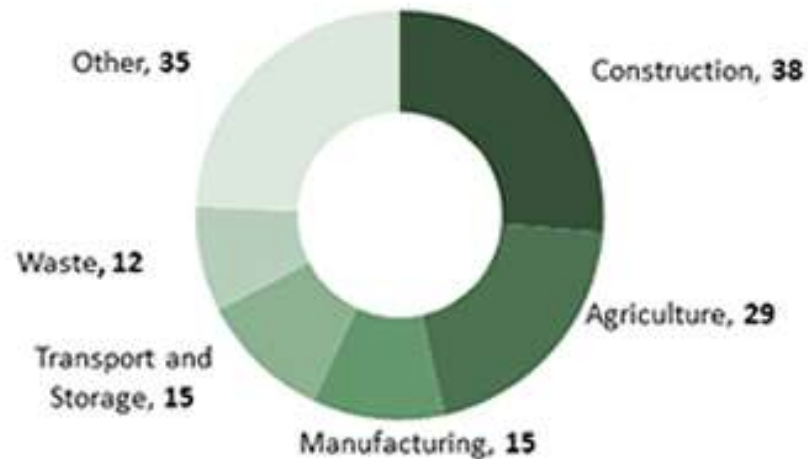
# Fatal injuries in Great Britain



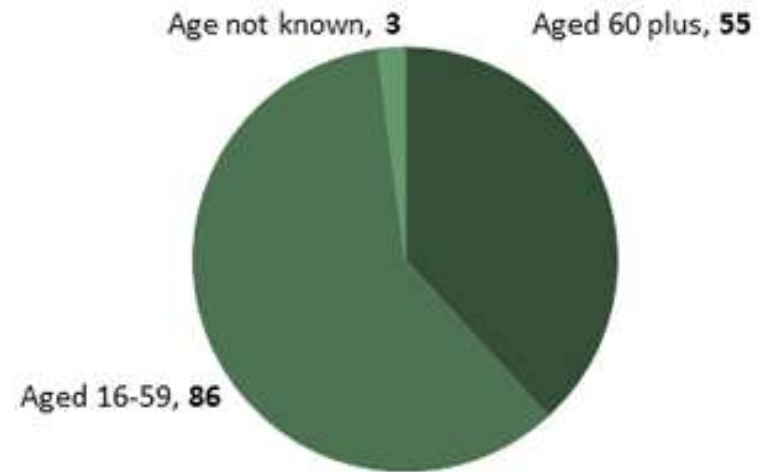
## Fatal injuries in Great Britain

144 Workers killed in 2017/18 (RIDDOR)

Fatal injuries to workers by main industry

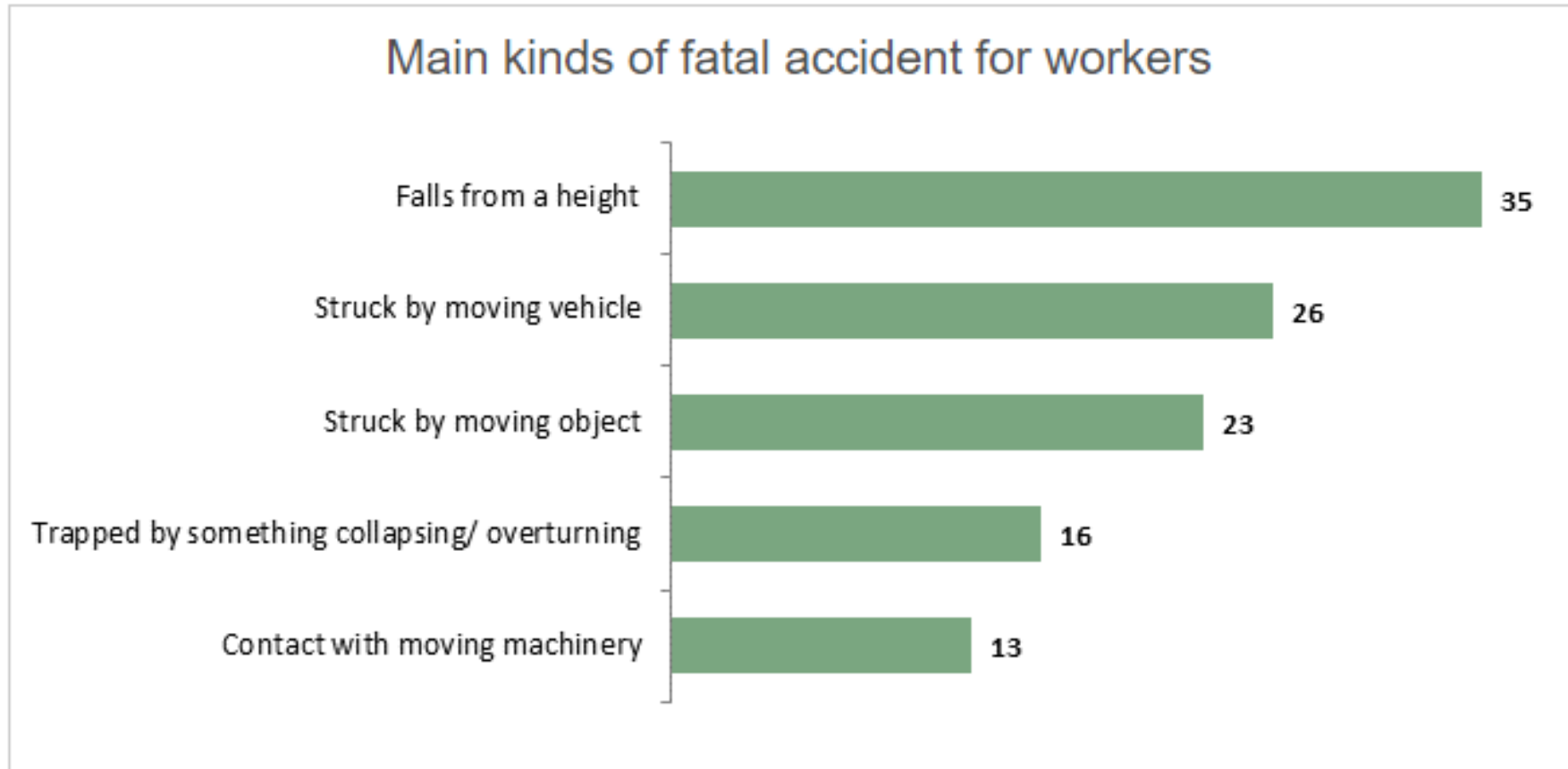


Fatal injuries to workers by age



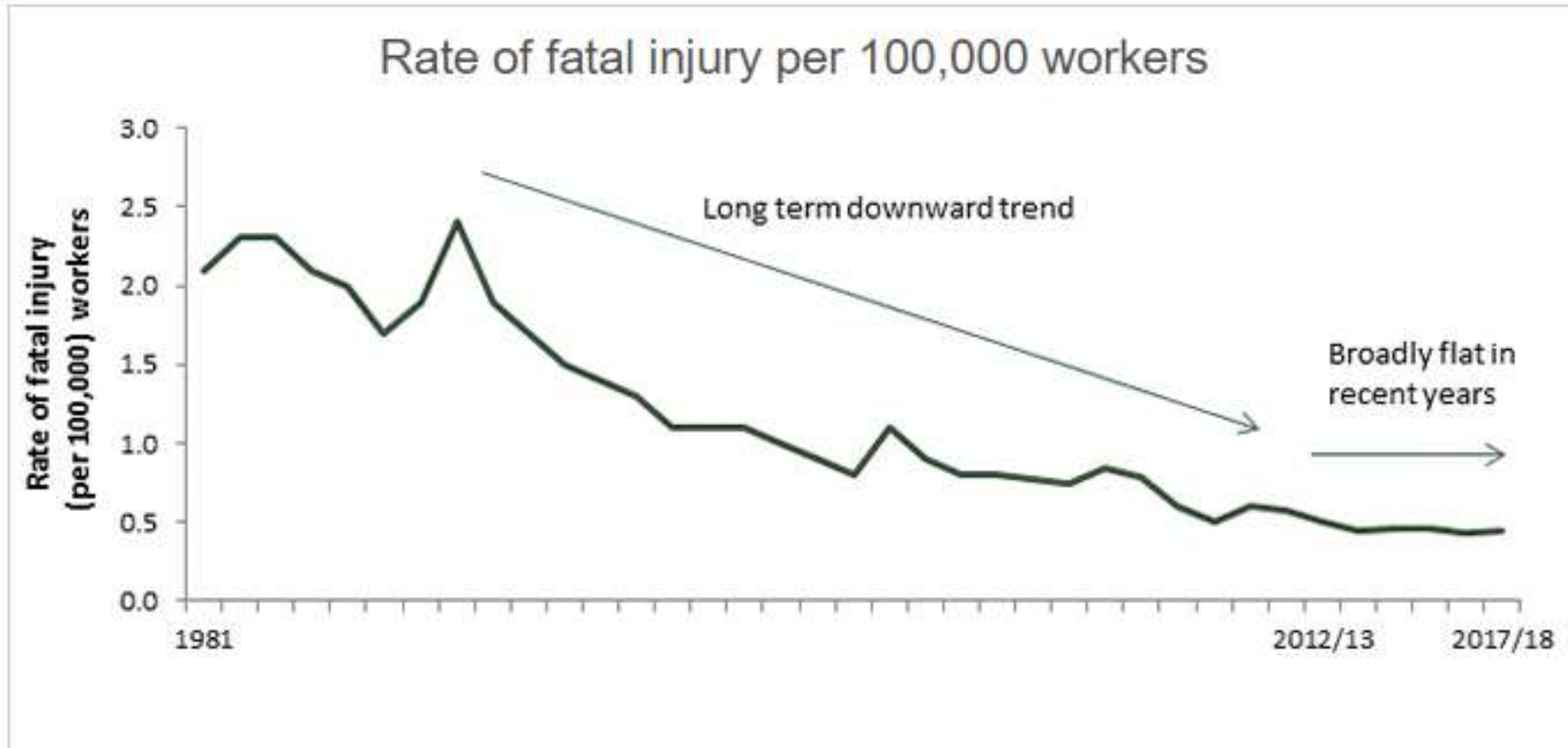
Data Source: RIDDOR, Reporting of Injuries Diseases and Dangerous Occurrences Regulations

# Fatal injuries in Great Britain



Data Source: RIDDOR, Reporting of Injuries Diseases and Dangerous Occurrences Regulations

# Fatal injuries in Great Britain



In addition, 100 Members of the public were killed due to work related activities in 2017/18

Source: KIDDOK, Reporting of Injuries Diseases and Dangerous Occurrences Regulations

# Non-fatal injuries at work - GB



## Non-fatal injuries at work in Great Britain

555,000

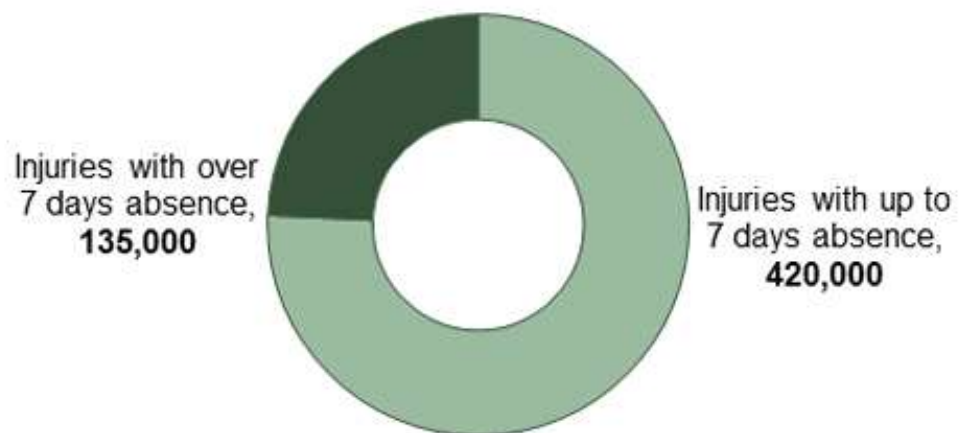
Estimated non-fatal injuries to workers according to self-reports in 2017/18 (LFS)

71,062

Employee non-fatal injuries reported by employers in 2017/18 (RIDDOR)

### Self-reported non-fatal injuries by length of absence from work

(LFS estimate, 2017/18)



# Work-related ill health & occ. diseases

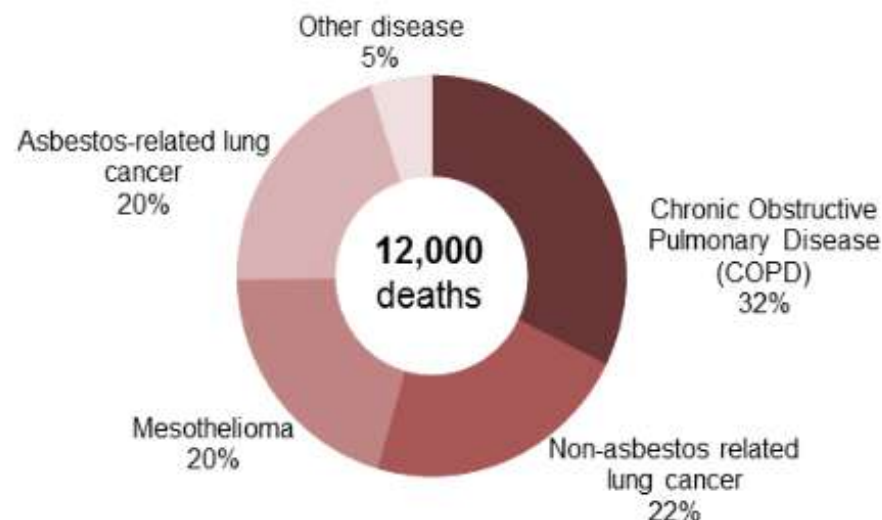


## Work-related ill health and occupational disease in Great Britain

12,000 Lung disease deaths each year estimated to be linked to past exposures at work

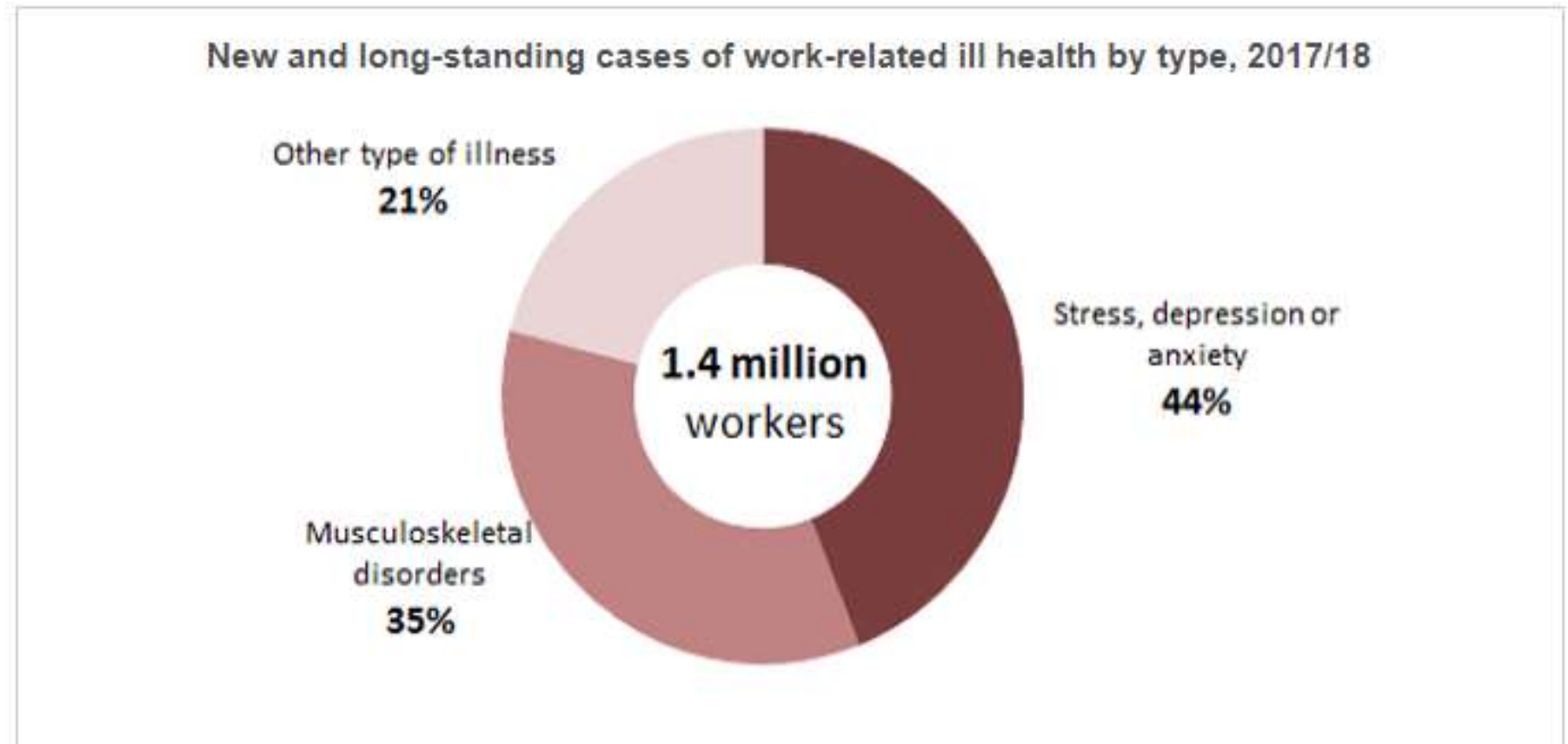
1.4 million workers suffering from work-related ill health (new or long-standing) in 2017/18 (LFS)

### Occupational lung diseases contributing to estimated annual current deaths



Source: Estimates from epidemiological information including burden of occupational cancer research

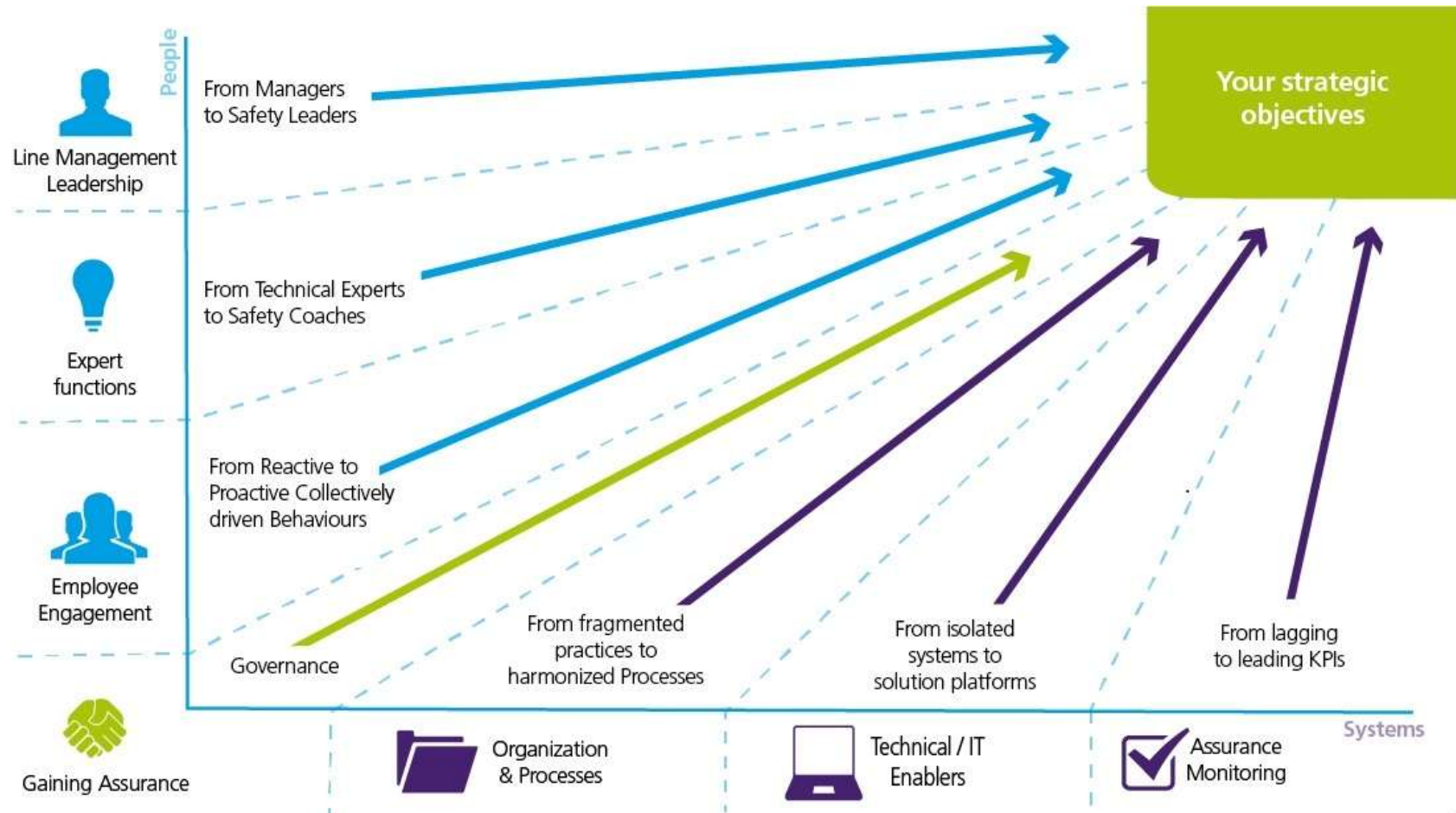
# Work-related ill health & occ. diseases



Data Source: Estimates of work-related ill health are based on self-reports from the [Labour Force Survey \(LFS\)](#)

# Real-world challenges

How are organisations responding?



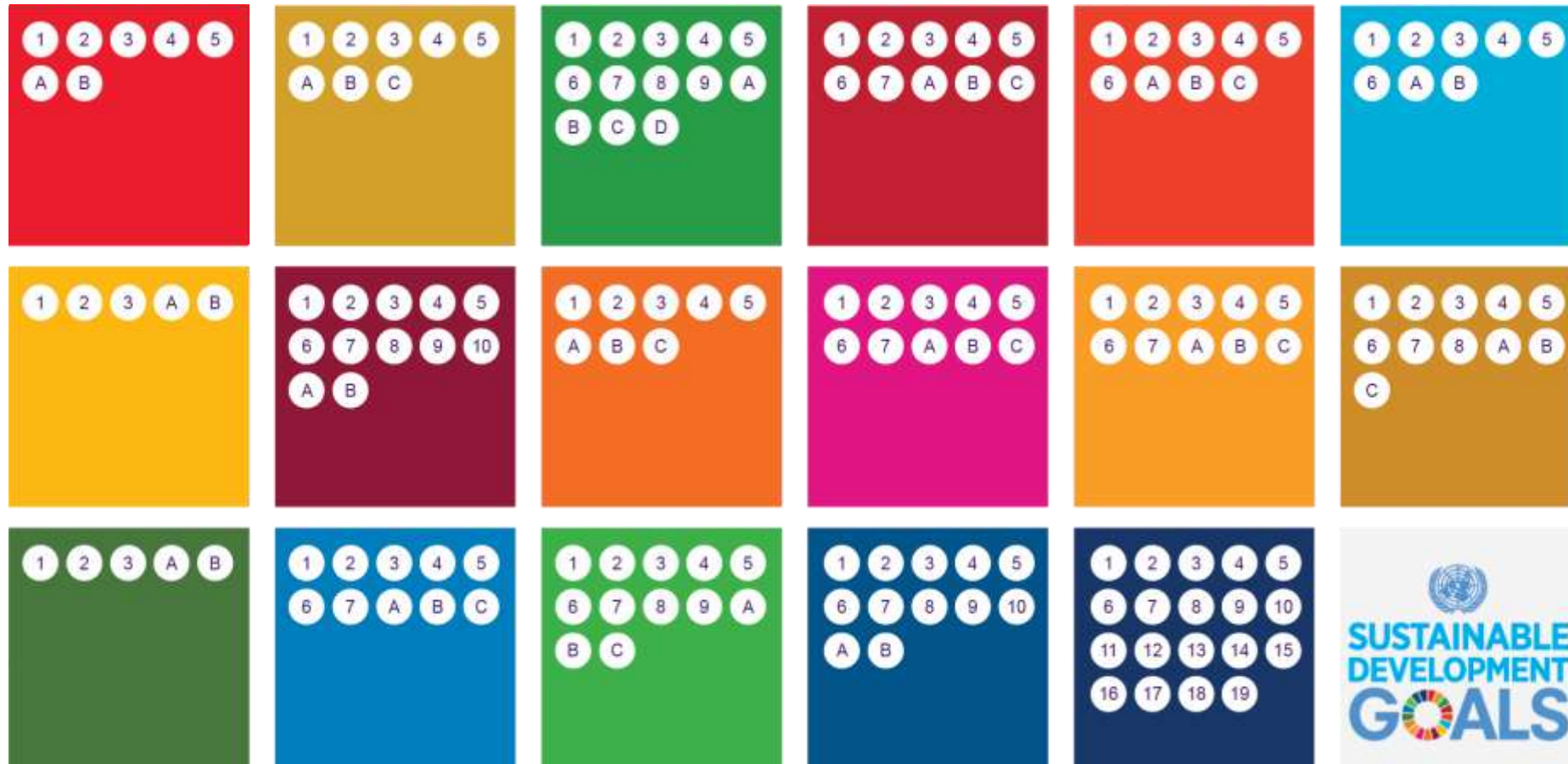
# UN Sustainable Development Goals

17 goals



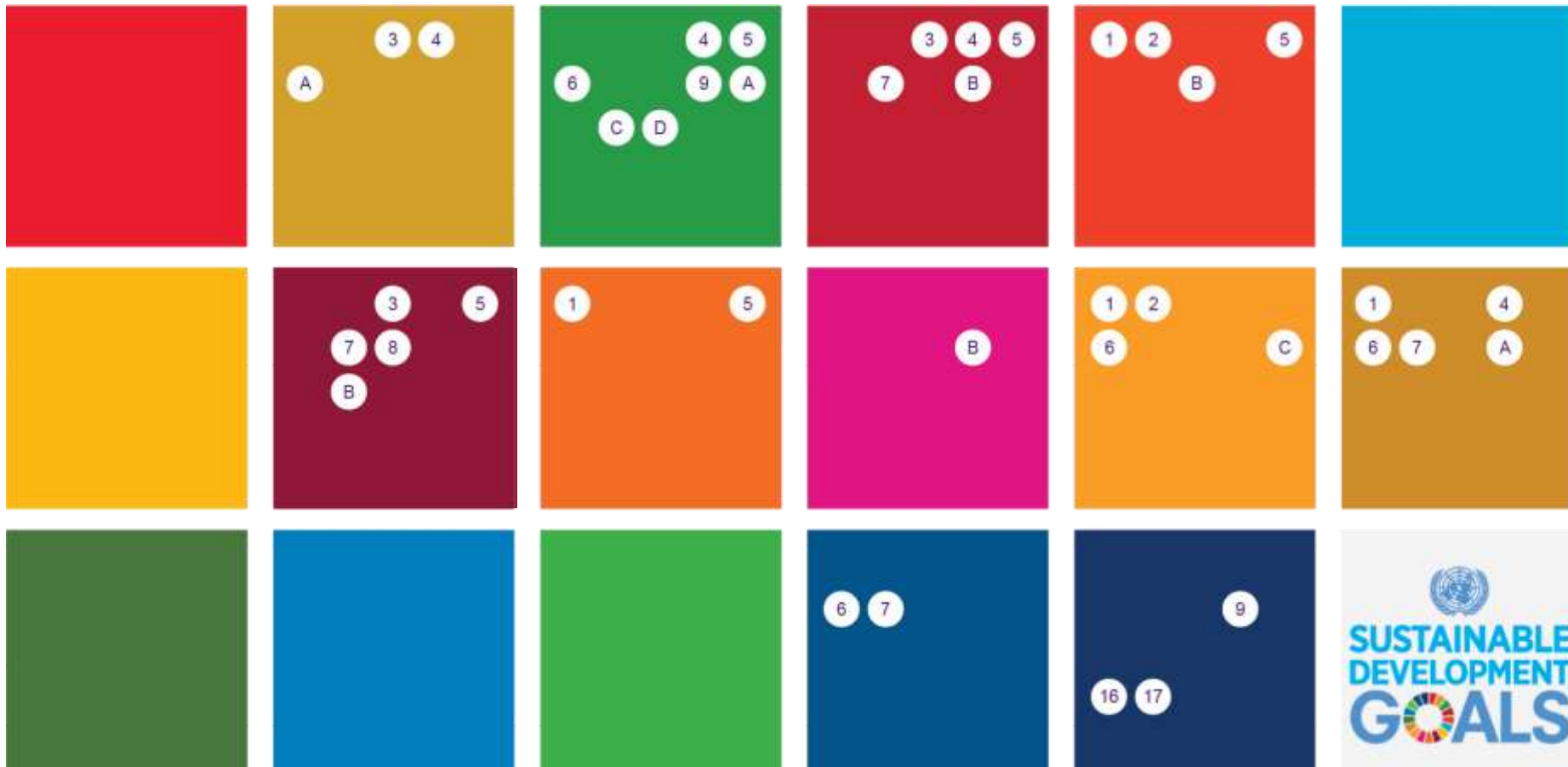
# UN Sustainable Development Goals

165 Targets



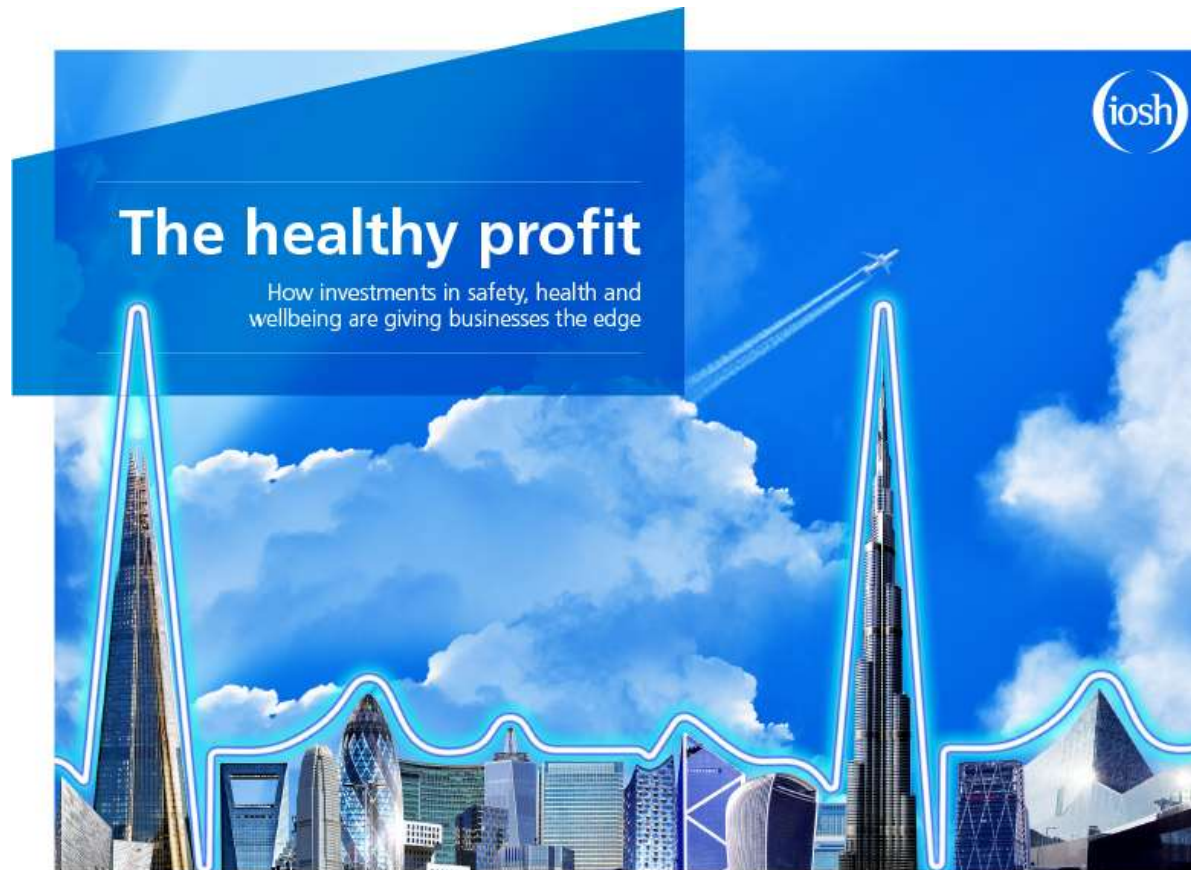
# UN Sustainable Development Goals

41 directly related to Occupational Safety & Health



# The healthy profit

Our call to action to business



- Report highlights the investments being made by forward-thinking organisations
- An IOSH-commissioned survey found barriers exist for many businesses
- Investment in the safety and health of a workforce should be a core strategic aim
- Transparency and openness in reporting on OSH performance

# Training and skills courses



# Competence, confidence and productivity

## Good sense for good businesses

- Managers equipped with the competence and confidence to be more effective
- A healthier and more productive workplace
- Improved, organisation-wide health awareness culture
- Enhanced reputation with supply chain, customers and other stakeholders



# IOSH courses

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- Support the role of Safety and Health Professionals
- Are based on an international standard
- Focus on 'general principles' applicable to all countries
- Enable customers to add in organisational, cultural and legislative specific content
- Focus on the positive affects of Safety and Health and not just the 'worst case scenario'
- Focus on making business better and all individuals more effective

# IOSH solutions

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 **Training and Skills** <sup>TM</sup>  
**Executive Education**



# ***IOSH Leading Safely***

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Purpose – to support leaders to:

- ✓ Develop a strategic understanding of the value of safety and health
- ✓ Understand good practice from leading global organisations
- ✓ Understand where to position their organisation's safety performance against other organisations and plan for implementation
- ✓ Understand their operational responsibilities and the opportunities of good performance, as well as the consequences of poor performance.



# Models of Safety

Embryonic	Active	Proactive	Integrated
<ul style="list-style-type: none"> <li>• Safety by natural instinct</li> <li>• Aspiration to achieve compliance</li> <li>• Commitment to taking action, including investigations and event reviews, after an incident or failure has occurred</li> <li>• Concerns regarding fines are commonplace</li> <li>• Systems and procedures to manage safety are emerging</li> <li>• Technical OSH expertise engaged on an 'as and when' basis</li> <li>• Limited understanding of business risks around OSH</li> <li>• Workforce OSH training needs are identified on an 'as and when' basis</li> <li>• Leadership behaviours evident after an incident or failure</li> </ul>	<ul style="list-style-type: none"> <li>• Compliance is the main goal and it is achieved</li> <li>• Management commitment to OSH</li> <li>• Systems used to control and enforce OSH practices</li> <li>• People implement, enforce and follow systems, rules and procedures</li> <li>• Recruitment of safety manager who has sole responsibility for OSH</li> <li>• Working Safely is a condition of employment</li> <li>• Training provided to work within the system</li> <li>• Safety as a policing activity</li> <li>• All risks are equal</li> <li>• Leadership behaviours tend to focus on enforcing compliance rather than driving improvement</li> </ul>	<ul style="list-style-type: none"> <li>• A culture that promotes personal knowledge, responsibility and standards</li> <li>• All business decisions consider OSH perspective in advance</li> <li>• A focus on preventing what might go wrong in the future</li> <li>• Positive behaviours and beliefs are encouraged and recognised</li> <li>• Continuous improvement input on OSH from all levels</li> <li>• OSH 'mainstreamed' as part of all job roles</li> <li>• Safety team focus on assurance rather than policing</li> <li>• Awareness of risk profile differentiation is emerging</li> <li>• Contractors are rated in terms of safety records, not on lowest price</li> <li>• Strong Visible Felt Leadership behaviours are seen throughout</li> </ul>	<ul style="list-style-type: none"> <li>• A pragmatic, business-focused and challenge-based culture drives innovation in processes and approaches</li> <li>• Safety and health is clearly linked to return on investment and to commercial indicators such as cost savings and new sources of revenue</li> <li>• The brand equity of the business is derived from its approach to OSH</li> <li>• Risk profile differentiates between operational and significant risks and drives focus on major risks</li> <li>• OSH governance is integrated within a broader organisational governance framework</li> <li>• The safety team is viewed as an enabling function, driving broader business value</li> <li>• OSH governance extends right to the furthest reaches of the supply chain</li> <li>• OSH is placed against the broader context of the organisation and across the entirety of the value chain</li> <li>• OSH is seen as part of a broader sustainability strategy</li> <li>• Strong Visible Felt Leadership behaviours are evident through all layers of the organisation and are credible and impactful</li> </ul>

# IOSH solutions

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 **Training and Skills<sup>TM</sup>**  
**Management Education**



# ***IOSH Managing Safely***

To support managers and supervisors:

- ✓ Describe the key reasons to manage safety and health in the workplace
- ✓ Define key terms relating to safety and health
- ✓ Identify how the law can impact safety and health in the workplace
- ✓ Describe how to assess, reduce and control risk in the workplace
- ✓ Identify workplace hazards and risks, their impact and how to manage them
- ✓ Identify how to evaluate and respond to incident
- ✓ List benefits and characteristics of an effective health and safety management system
- ✓ Describe principles that underpin good safety and health



# Fire Safety for Managers

- Designed for managers and supervisors in any sector and in any organisation worldwide
- Provides the knowledge and tools required to tackle fire safety issues

### Case study

In Powys, Wales in 1989, a fire was started by arsonists at a tyre dump. The fire spread to all 10 million tyres stored there which were packed so tightly together that firefighters were unable to extinguish the blaze. The fire continued to smoulder within the dump for 15 years.

### Case study exercise

Coldcastle Importers Ltd. is an import/export company employing 85 workers. The company has been owned and operated by the same family since 1948. It occupies a three-storey building: the ground floor is dedicated to shipping and receiving; the middle floor is dedicated to warehousing and packaging; and the top floor is where the administrative offices are located. Thirty-five of the 85 staff work on the top floor doing administrative work or sales, and one of these is a disabled person who uses a wheelchair. The electrical system is old and out of date. Although the company has the mandatory occupational safety and health policy, it does not address fire safety issues.

The premises are old and the company is considering moving to another location as the current location is frequently overfilled with stock. The company frequently receives consignments that arrive by container. The consignments are photographed, catalogued, marketed, sold, packaged and reshipped.

There is a freight lift that services the upper floors. There are two stairwells for pedestrian traffic. Electrically powered forklift trucks are used to move heavy goods on the ground floor. The forklift trucks are recharged in the evening, but sometimes overload the circuit breakers, causing them to disrupt the current.

Hazardous chemicals (solvents) are used for cleaning on the middle floor. There may be safety data sheets stored somewhere in the administration offices. Housekeeping is a significant issue and oily rags are often left lying around.

Many cardboard cartons and wrapping materials are received and discarded on the ground floor. Because of the volume of material sent, there is no storage space and the passageway is frequently blocked with waste material.

Company has the required

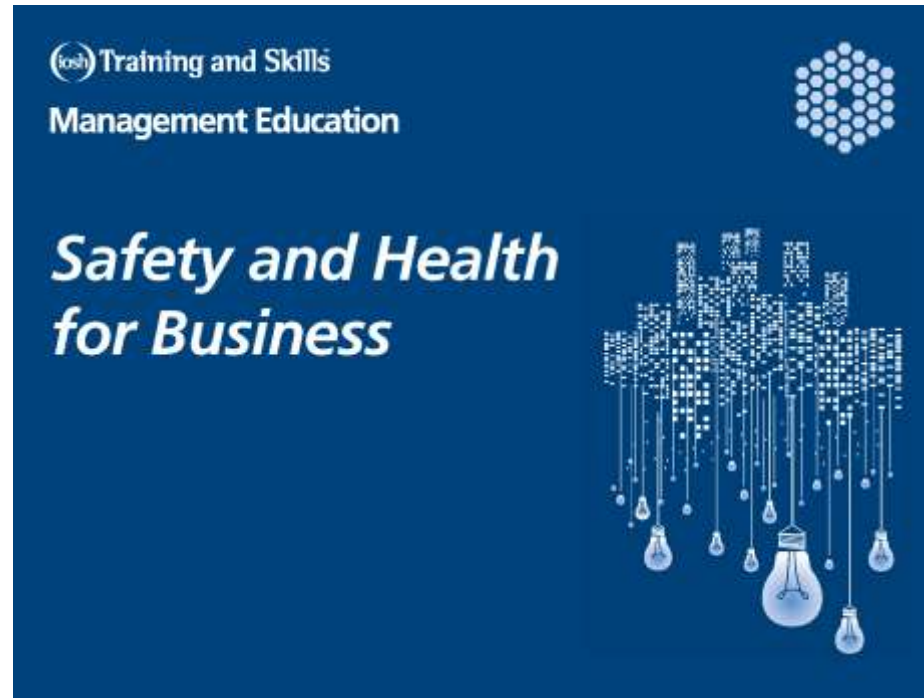
### Fire risk assessment form



Name of assessor				Date							
Time				Work area							
Task being assessed											
What is the fire hazard?	Who might be harmed?	How might people be harmed?	Existing risk control measures	Risk Rating			Additional controls	New (residual) risk rating			Action by when & whom?
				L	C	R		L	C	R	

# IOSH Safety and Health for Business Level 3 Certificate Qualification

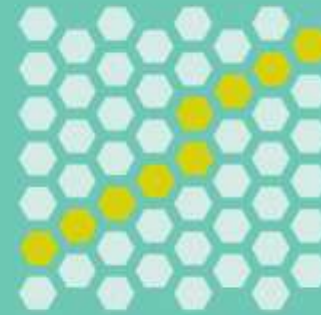
- A recognised qualification
- Strong business focus
- Vocational style learning and assessment methods including:
  - Business Case Writing
  - Research Project
  - Presentation
- Inclusion of both technical knowledge and soft skills essential to business
- Route to IOSH membership



# IOSH solutions

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 **Training and Skills** <sup>TM</sup>  
**Core Skills**



# ***IOSH Working Safely***

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Purpose – to support all workers to:

- ✓ Describe the key reasons to manage safety and health in the work place
- ✓ Define key terms in safety and health
- ✓ Identify why it is important to work safely
- ✓ Identify everyone's responsibilities in relation to safety, health and wellbeing in the workplace
- ✓ Identify workplace hazards and risks, their impact and how to control them
- ✓ Identify ways safety, health and wellbeing is managed and improved within the workplace

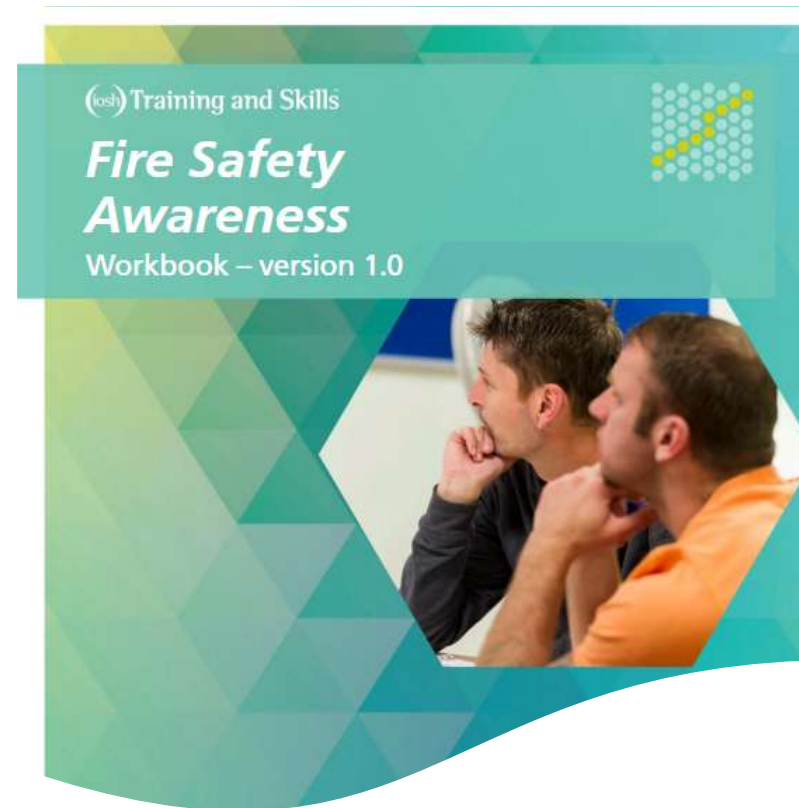


# Fire Safety Awareness

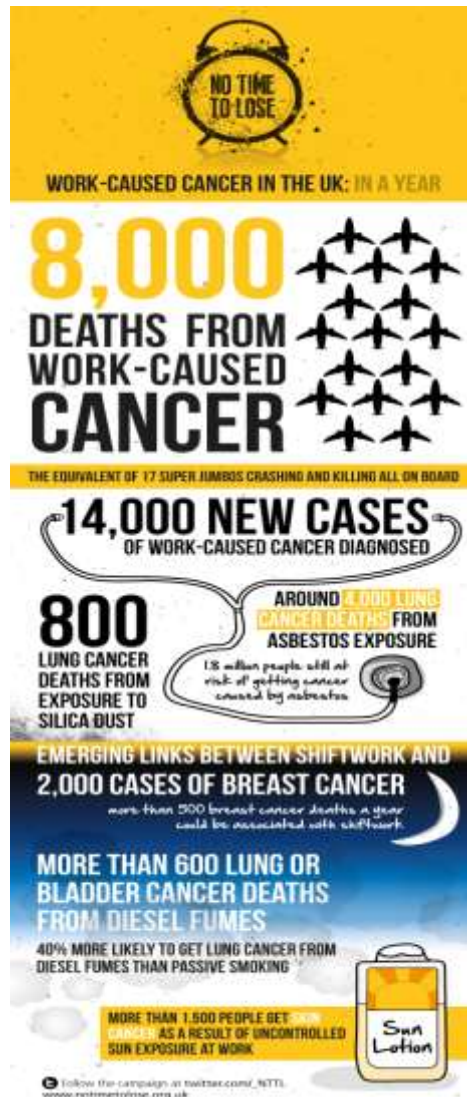
Everyone at work has a duty to prevent fires. A fire safety culture is based on a shared set of positive attitudes, knowledge, perceptions and beliefs about fire prevention and fire protection.

- Sits within the 'Core Skills' category, alongside Working Safely, and is designed for both a UK, and an international audience.

Module one: Effective Fire Evacuation	5
Module two: Roles and Responsibilities in a Fire Emergency	13
Module three: Fire and Fire-fighting Equipment	19
Module four: Identifying Workplace Fire Hazards	29



# Key features of IOSH courses



- Use in-company risk assessment forms.
- Flexibility to add in content to meet client needs.
- Global case studies to tailor the product.
- Bank of current videos to choose from.
- Draw on IOSH campaigns, including statistics and best practice advice.
- More support information for Trainers.
- Supports the implementation of 45001.

**Thank you**