

Software Supporting ISO 45001 Compliance

Presented by

Quintin Matthee

Head of Technical Operations

Gareth Godfrey

Head of Sales



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Session objective

To provide you with an understanding of how technology can help demonstrate ISO 45001

Why do you need ISO 45001?

ISO 45001 provides a framework to help reduce unacceptable risks in the workplace.

When implemented effectively, the Standard helps you to create a robust risk management culture by engaging anyone involved in your business activities to take ownership of health and safety practices and processes.

Effective OHSMS



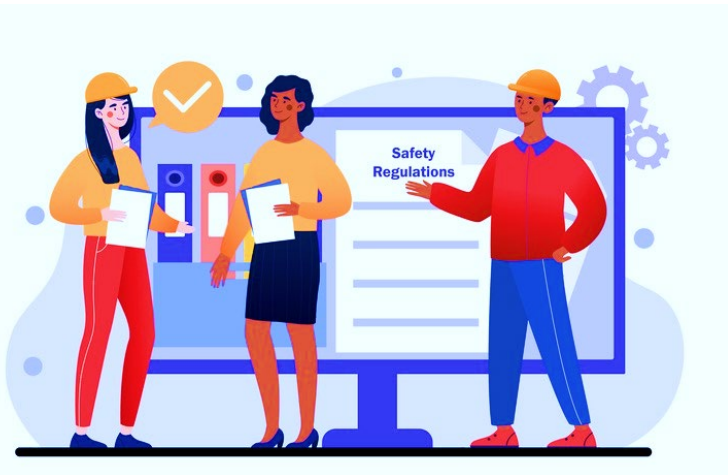
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What is an OHSMS?

- Something with lots of policies, procedures and records?
- Structure and framework for managing your Occupational Health and Safety needs?
- Lots and Lots of Documents?
- Is it a structure for managing Occupational Health and Safety risks and improving Occupational Health and Safety performance?



- It is not just about:
 - Documentation
 - Procedures
 - Grouping a lot of documents
- It is a System that will help improve our Occupational Health and Safety performance

The Purpose of an OHSMS?

- To provide the organisation with a systematic framework to enhance OHS performance
- This is accomplished through the prevention of injury and ill-health at work and by the elimination of hazards and the reduction of OHS risks



Benefits

- Protecting workers
- Evaluate your compliance and performance against internal targets
- Support strategic direction
- Forster a continual improvement OHS culture
- Improved commercial advantages

Addressing the Needs of External Stakeholders



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Addressing Stakeholders Needs – Why is this important?

- ❑ **Highlights that your Health & Safety management extends to those outside organization**
- ❑ **Demonstrates internally & externally that you are managing risks & performance in an effective manner**
- ❑ **Enhances your reputation with clients, suppliers and equally important, staff**
- ❑ **Ability to meet legal and regulatory requirements**
- ❑ **Opportunities will open with new prospects – easy win**



EMPLOYEE PORTAL

Your entire Employee population can access the system to report incidents and hazards, access risk assessments and view policies and guidance documents without having to log into the main system

TASK MANAGER

Helps you to keep control of daily activities across your teams, by allowing you to create, delegate and monitor the progress of actions.

NOTIFICATIONS

Holding up the fort, our base layer which works alongside action manager and reporting to provide on-time notifications and reports direct to users



DASHBOARDS AND REPORTING

Each of AssessNET's modules provide a high-level set of Key Performance Indicators to quickly see how your system is being used and to highlight areas of non-conformance within your organisation

DOCUMENT MANAGER

Enables your health and safety team to upload, search for, and manage documents and files associated with their everyday work processes

BUSINESS INTELLIGENCE

Behind the scenes, bringing all the data together in one place to allow for an enterprise view of key statistics and build intelligent reporting tools

Demonstrate Continuous Improvement



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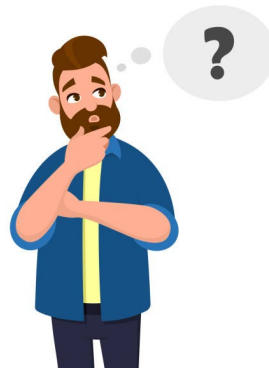
Continuous Improvement

What, why, when and how....

ISO 45001 is an on-going process to improve Health & Safety



We have too many workplace Incidents. What can I do about this?
How can I create better a Health & Safety culture in the company?
Could this be impacting moral and staff turnover?



What can I do to lower the number of workplace Incidents we have?
How do I know what areas to address?
How can I show this improvement to the board and colleagues?



ISO 45001 facilitates the constant review of your processes, documentations, risk, hazards and control measures.
You are able to identify the areas for improvement to keep your colleagues save.

OHSMS – Process Focused Approach

People:

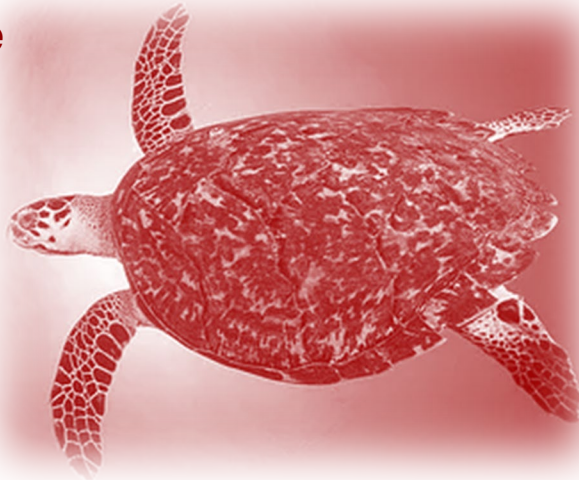
- Competence/Skill
- Knowledge
- Training
- Organisational Culture

Input:

- Hazards
- Objectives
- Requirements
- Specifications

Methods:

- Risks Assessed
- Maintained Documentation
- Retained Documentation
(Incidents + Assessments)



Materials, Equipment and Environment:

- Software
- Hierarchy of Control
- Defined and Approved Approach

Output:

- Results
- Big Data
- Suitability/Accountable Controls

Measures:

- Performance trends
- Audits
- Corrective Actions

Who is responsible for the OHSMS

Who is responsible for Health and Safety in the workplace?

- To manage an effective OHSMS you need to get EVERYONE involved
- Setting clear responsibilities for front-line staff, managers and all departments



Plan:

- Context of the organisation
- Leadership and worker participation
- Planning

Do:

- Operations
- Structured approach

Check:

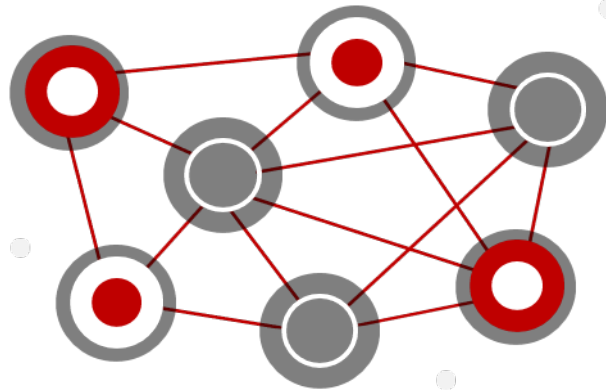
- Performance evaluation
- Reporting
- Auditing

Act:

- Support
- Improvement
- Planning

Streamlining Audits

Audits, audits for all



Use the OHSMS to drive consistency, workflows and improvements

- Create Audit templates to fit the review
- Align Audit scoring with internal policies
- Set follow-up requirements based on question answers
- Assign and track tasks/actions to ensure compliance with policies

Opportunities

- Use the Auditing process to create a cycle of continual improvement
- Auditing processes and actioning tasks reinforce the risk management culture
- Allows for greater collaboration with internal departments
- Helps to identify training gaps
- Supports your compliance commitment to the ISO45001 standard and certification

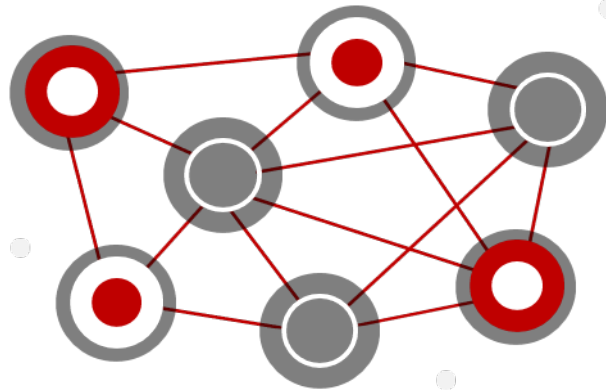
Demonstrate Supplier Management and how they Control Risk



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Supplier Management & Risk Control



- **Under 45001 organisation should have procurement processes that help identify hazards and control OH&S Risks**
- Criteria for approved suppliers that can demonstrate effective H&S practices including:
 - Supply of appropriate Policies & Insurances
 - Suitable Risk Assessments/RAMS for work to be done
 - Contractors are suitably qualified to undertake tasks needed
 - Undertaken appropriate on-site inductions & understood local H&S practices
- This will also apply to Outsourcing services
- Aim is to reduce or eliminate your organisations exposure to OH&S risks in your supply chain

Evidence Good Documentational Control



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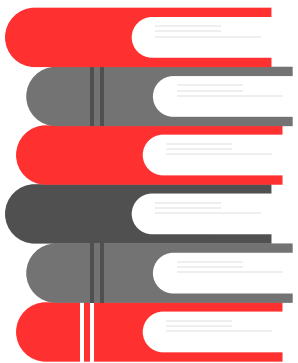


Documentation Control

- To provide confidence that process is being followed
- Can be updates and modified to reflect the business needs and strategy

Benefits

- Effective Sharing of relevant information
- Demonstrate to all stakeholders actions undertaken
- Record all updates include key changes and impact these have
- Full audit trail to demonstrate compliance e.g. to Board, Clients, Auditors and HSE



Proactively Identifying Hazards and Risks



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OHSMS Fundamentals – Hazards

To Demonstrate Duty of Care Under ISO 45001

Ergonomics

- Poor posture leading to back pain
- Repetitive Work
- Poor lighting leading to eye sign issues

Psycho-Social

- Stress due to poor work/life balance

Physical

- Noise leading to loss of hearing
- Vibration/drilling leading to white finger

Chemical

- Solvents leading to asthma
- Oils and lubricants leading to skin disease

Ergonomics

- Faulty DSE equipment
- V.D.U Usage
- Twisting and Dropping loads

Psycho-Social

- Violence and Fatigue

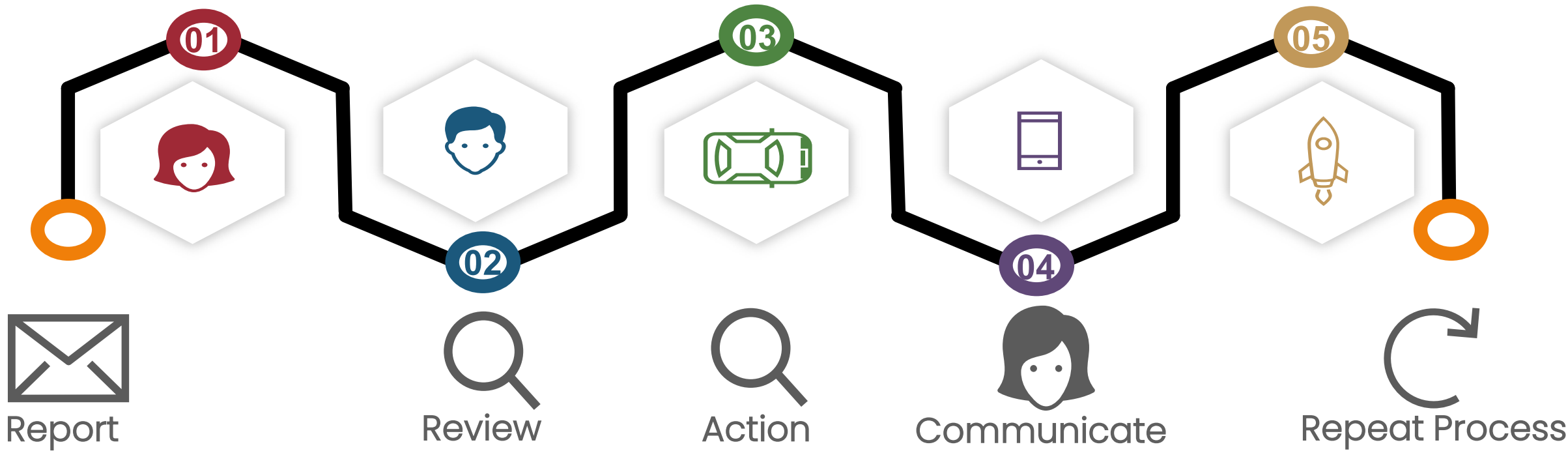
Physical

- Machinery
- Trailing leads

Chemical

- Slip/Trip/Fall
- Explosion
- Burns due to excessive exposure

OHSMS Fundamentals – Hazards



Create a close-loop feedback process

- Consistently close actions to mitigate risks
- Consistently communicate actions taken



OHSMS Fundamentals – Risk

Risk is the likelihood that a person may be harmed or suffers adverse health effects if exposed to a hazard.



Effectively Managing Incidents and Investigations



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The Purpose of an OHSMS?



Frank E. Bird JR

In 1969 Mr. Bird conducted a study of 1,753,498 accidents, 1,750,000 workers resulting in the 1-10-30-600 accident ratio



Do you know your Accident Ratio and how close you are to a serious Incident?



Incident Reporting

Reporting an Incident should be as easy as scanning a QR code

The key to success lies in engaging users
and increasing their participation



- Keep it simple! Users shouldn't be tied to a desk to report an Incident
- Using the Riskex Platform you can streamline your reporting workflows
- You are firmly in control as the driver, with the ability to determine what users can report and manage the investigation workflows.

Incident Investigation

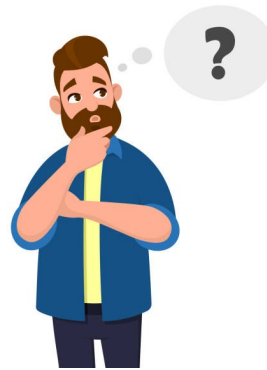
What, why, when and how....

What to do?– Reactive approach

Your OHSMS should allow you to create workflows and set requirements based on Incident severity



Adopt a joint/targeted approach set within the system will avoid any confusion and force a specific workflow to be completed



The standardised approach removes time wasting and allows you to investigate in a timely manner. Be open and honest



Avoid finger-pointing and blame as this will discourage future reporting

Incident Investigation

What, why, when and how....

Success!

WHY? Because if we understand the cause we can prevent reoccurrence



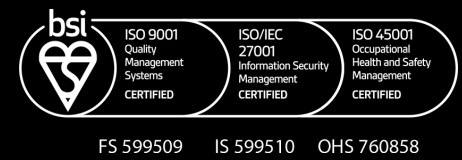
No need to panic!, We have a standardised approach and the correct people have been notified, thanks to AssessNET.

It's not a one-way relationship!

Using an effective OHSMS will allow you to:

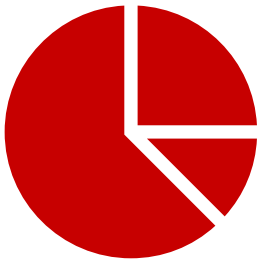
- Standardised information gathering
- Analyse Incidents
- Create appropriate Tasks to deliver meaningful control measures
- Implement change
- Worker engagement and ownership of OHSM

Effective Monitoring, Measurement and Performance Analysis



Effective Monitoring, Measurement and Analysis

- Need to show systematic approach to measuring OH&S performance
- Clarity about direction of travel for safety and Risk Management

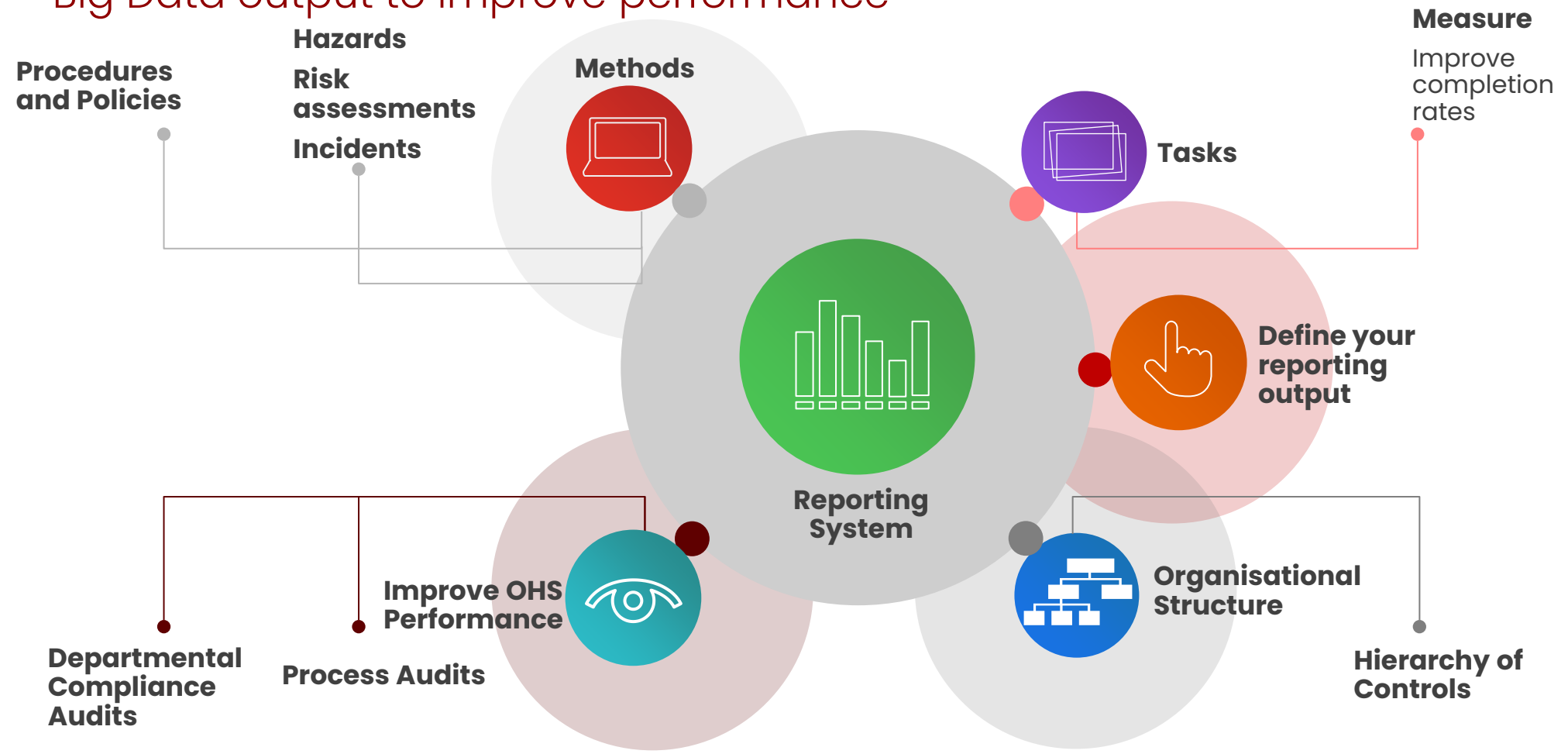


Benefits

- Highlights areas for improvement in organisation
- Demonstrates the improvements made so far
- Emphasises to colleagues the importance of OH&S and that you take their safety seriously
- All stakeholders' can understand the safety performance

Reporting

Big Data output to improve performance



Any Questions?

