



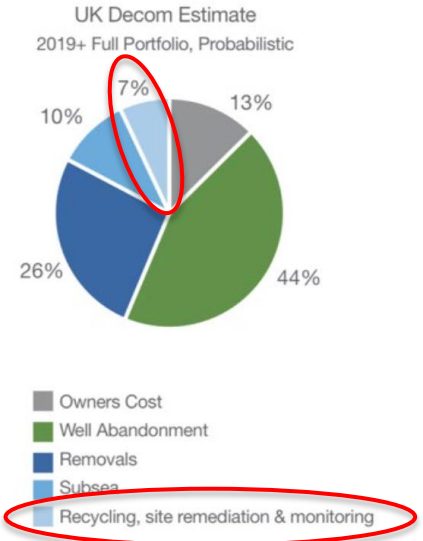
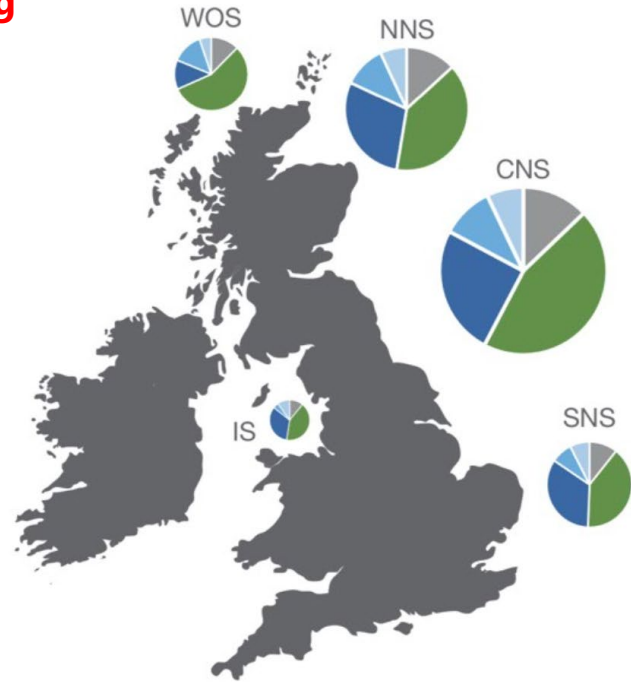
Onshore Dismantling & HSE Stewardship

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Chairman of Pound for Piper Trust

**OGA - UK Decommissioning
Cost estimate report
£49 billion**



HSE Stewardship

The careful and responsible management of something entrusted to one's care, referred to as stewardship of resources.

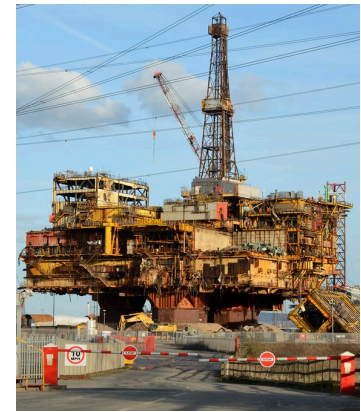
Offshore
Decommissioning



Marine
Transfer



Onshore
Deconstruction



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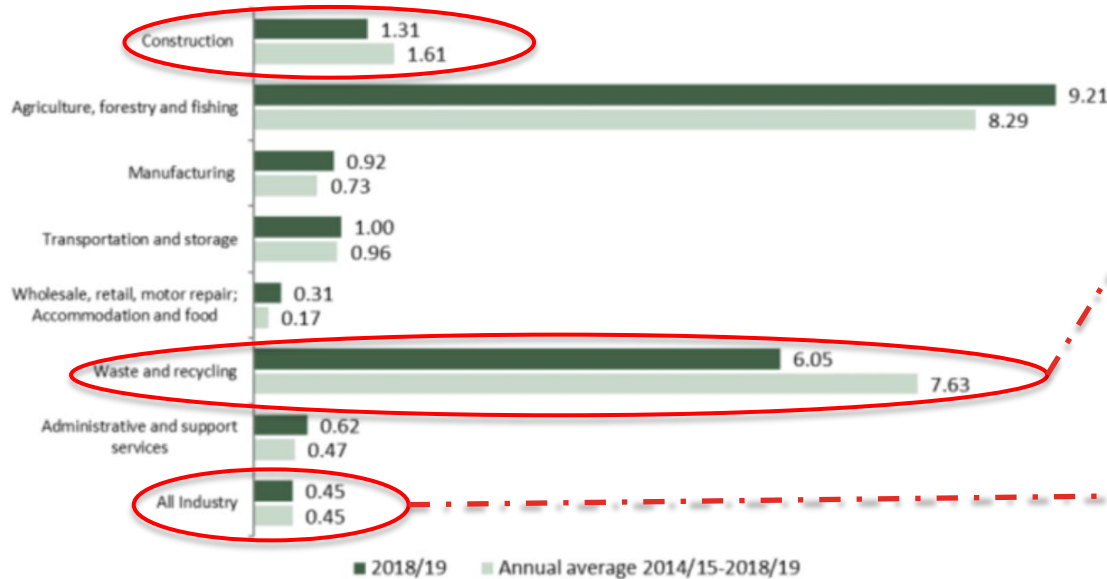
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Figure 3: Rate of fatal injuries by selected main industry group (per 100,000 workers), 2018/19p and annual average for 2014/15-2018/19p



Waste Sector Fatalities 17 Times Higher Than Industry Average

UK Offshore sector fatality rate, 0.00 2018 & 2019

Case for Change

- Business early in maturity levels
- Disparity in sector HSE performance
- Tell tale signs have presented themselves
- Desire to build sustainable business model
- Opportunity to reduce the burden of development
- Market will experience significant growth
- Public perception and reputation

Established in 1997 as a member-led organisation that aims to make the UK the safest place to work in the worldwide oil and gas industry.

Step Change continues to facilitate high quality worker involvement and consultation on Health and Safety matters.

Step Change in Safety brings together Operators and Contractors, Trade Unions, Regulators and the onshore and offshore Workforce.

We believe that by collaborating, sharing and adopting best practices we have improved the Health and Safety of the UKCS.

Improving safety through engagement, leadership and collaboration



Competence



Human Factors



Lifting Forum



Alerts & Moments



Workforce
Engagement



Major Accident
Hazard Understanding



Safe Working
Essentials

Joined-up
thinking



QUICK START GUIDE

1. PREPARE THE TBT



- Review the control of work paperwork relevant for the task: Permit to work, Task Risk Assessment, Job Step Plan.
- Identify those items required to be communicated via the TBT: Why, What, Who, Where, How, When.
- Complete the TBT form that has been developed allowing a structured approach to the preparation.

2. DELIVER TBT



- The delivery of the TBT should be completed in a manner that generates the following actions: Engagement, Listening, Questioning, Confirmation.
- and ensures that the team contribute with: Energy, Concentration, Commitment and Understanding of the task.
- Key to the TBT is confirmation of understanding of all team members in their role and the requirement to stop the job if the situation changes at any time.

3. COMMENCE WORK

The team should commence work in line with the plan and ensure that the control measures outlined in the TBT are followed.

4. ASSESS THE SITUATION FOR CHANGES

- Constantly monitor for changes and recognise when they occur: e.g. weather, equipment not working as planned, fatigue of the team, a mistake made by a team member.
- When a change has been recognised then **Stop, Think, Act, Review (STAR)**.

5. COMPLETE THE TASK

- Once the task has been completed then the workforce should be left in accordance with the organisation's procedures.
- The team should also be made aware that an **After Action Review** will be undertaken.

6. AFTER ACTION REVIEW

- The AAR allows the team the opportunity to review the task recently completed to identify any good practices and learnings that the team would recommend to the organisation.
- The AAR learnings should be communicated by using the Observation card to allow for the correct action.

Version 1

LIFESAVING RULES



Bypassing Safety Controls



Confined Space



Driving



Energy Isolation



Hot Work



Line of Fire



Safe Mechanical Lifting



Work Authorisation



Working at Height

Other:



SAFE WORKING ESSENTIALS GUIDANCE DOCUMENT

Improving safety and effecting change through collaboration

**STEP CHANGE
IN SAFETY**

Committed to Delivering Safer Operations

➤ Potential Benefits

- Reduction in fatalities and life changing injuries
- Access to proven systems
- Transferable methodologies and tools
- Improved workforce motivation
- Increased client customer
- Reducing schedule risk
- Enhanced public reputation
- Increase potential for repeat business