




SUT/MASTS Workshop Agenda

Technology & Innovation Centre, Glasgow
1st (pm) & 2nd (am) October 2015

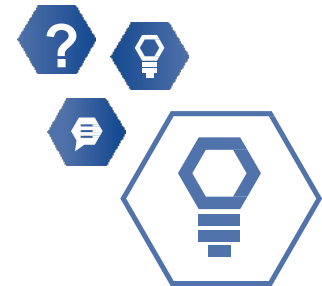
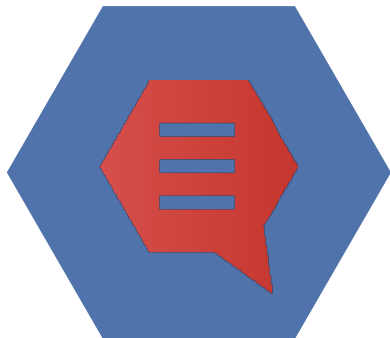
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Decommissioning & Wreck Removal: Best Practice for managing Man Made Structures on the Seafloor over their life-cycle, using an evidence-based approach

WELCOME

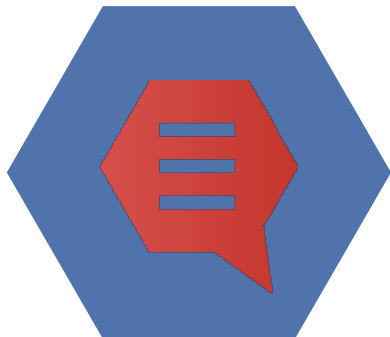


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OIL & GAS	MARINE RENEWABLES	WRECK REMOVAL	TECHNOLOGY	ENGAGEMENT

2013/2014 Workshop 'Temperature'

- Cost estimate for decommissioning rising year on year
- Legislation very different decommissioning vs. salvage
- Many stakeholders with different opinions
- Any legislation change would have to be evidence based
 - there are lots of data, but not readily available
 - INSITE programme underway
 - challenge the rules, but scientific standards must prevail

... much the same conclusions, but are we moving forward? Has the Evidence Base improved? Are there relationships, methodologies or technologies that we are missing?



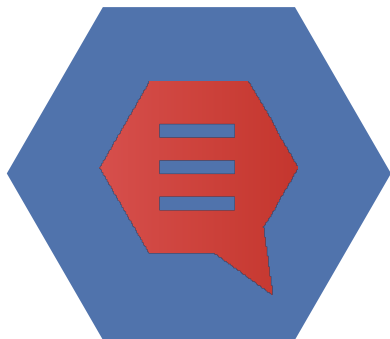
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2014 Actions

- 🌐 Determining research/data gaps and data sharing opportunities
- 🌐 Identification of collaborative opportunities between industry and marine science (e.g. through MASTS, Living North Sea);
- 🌐 identification of routes to source funding (e.g. use of the trade organisations to lobby funding councils use of the new Heriot Watt O&G Innovation Centre, whose collaborators have access to funding).

The SUT's Salvage and Decommissioning Committee agreed to take this topic/challenge forward!

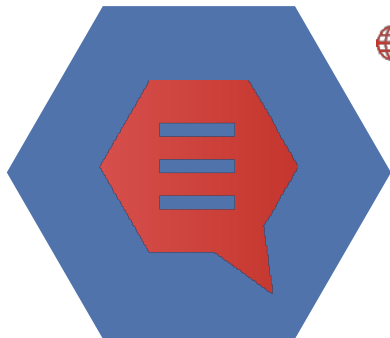
Only partial success. One of the outcomes of this meeting is mechanism to deal with this.



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2015 Workshop Aims: Further Address Barriers to Thinking

- 🌐 Take an engineering step forward to align with the marine science community and consider the North Sea as a regional sea
- 🌐 Identify key factors to simplify our approach – for example, should we focusing on the impact of iron Fe in the marine ecosystem?
- 🌐 Move from applications-based approach and begin using ‘functions-based’ approach
- 🌐 Question where the remit of Natural Environmental Research Council (NERC) ends and that of the Engineering, Physical Sciences Research Council begins (EPSRC) begins
- 🌐 Move conversation forward to take into 21st century by bringing Design in Decommissioning to the table, including the use of the next generation of materials - composites



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