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## Offshore Decommissioning Conference

DELIVERING THE FUTURE TOGETHER

# Decommissioning in a Circular Economy

Iain Gulland, Zero Waste Scotland

The Offshore Decommissioning Conference is jointly organised by:



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# Decommissioning in a Circular Economy

Iain Gulland  
Director, Zero Waste Scotland

[zerowastescotland.org.uk](http://zerowastescotland.org.uk)  
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# Overview

- Introduction to Zero Waste Scotland
- Partnership with Decom North Sea
- What is a Circular Economy?
- Opportunities and Benefits



# About Zero Waste Scotland

Our Mission

**We help reduce waste, increase energy efficiency and promote responsible water use – all as part of a journey towards a low-carbon, sustainable economy**

# Areas for action

Supporting a  
circular economy



Implementing resource  
efficiency savings



Transforming attitudes  
to food waste



Reducing the impacts  
of litter



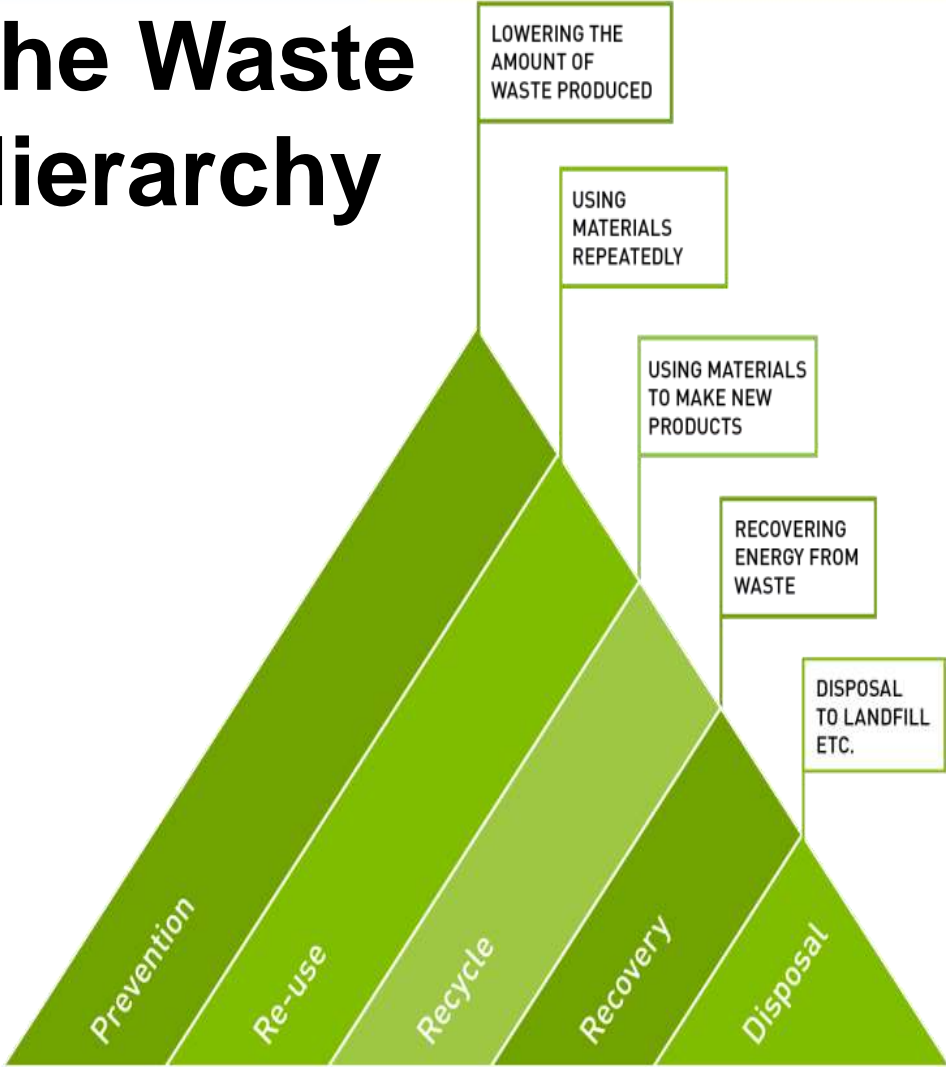
Accelerating the  
development of low  
carbon heat



Harnessing the value  
of recycling



# The Waste Hierarchy



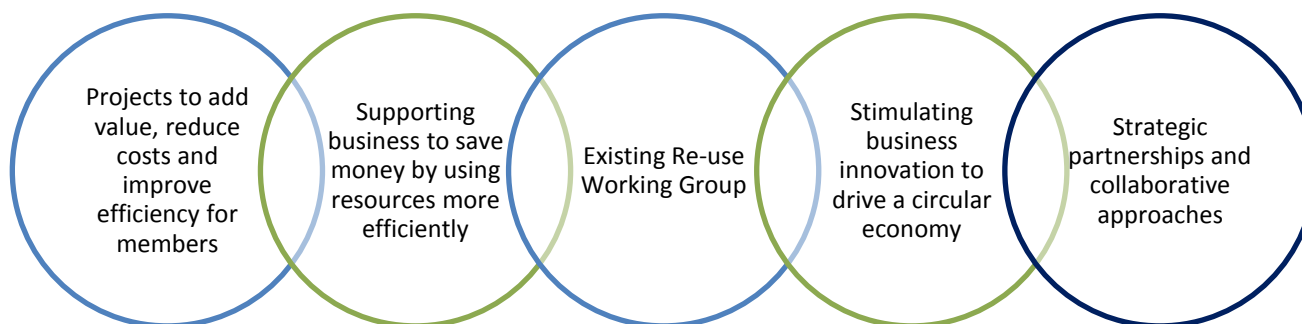
# What is a Circular Economy?

- A Circular Economy is an economic system where we keep materials and products in use for as long as possible in order to extract the maximum value from them.
- Contrasts with how we currently 'take, make and dispose' of products.
- A win, win, win for businesses, consumers and the environment.
- Requires innovation to establish and commercialise novel technologies.
- Requires integration with supply chains and between sectors.





# Partnership



# Encouraging re-use



- Workshop
- Case Studies
- Guidance



# Opportunities

- Re-use of equipment/materials
- Improved asset management
- Supporting innovative solutions
- Leasing and Hiring solutions
- Repair and Remanufacturing
- Service-based solutions
- Separation of alloys
- Carbon capture and storage
- Steel recycling (EAF) using wind power
- Influencing design

# Benefits of a Circular Economy for the decommissioning industry

- Maximising economic value of assets
- Maximising financial return on investment
- Enhances CSR values
- Global environmental benefits
- Reduces pressure on and cost of natural resources



**Thank you.**

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