



Zero Waste Scotland and the Energy Sector's Circularity Gap

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Zero Waste Scotland

Zero Waste Scotland has been leading the efforts to systematically quantify the material impacts and identify circular opportunities across Scotland's energy transition.

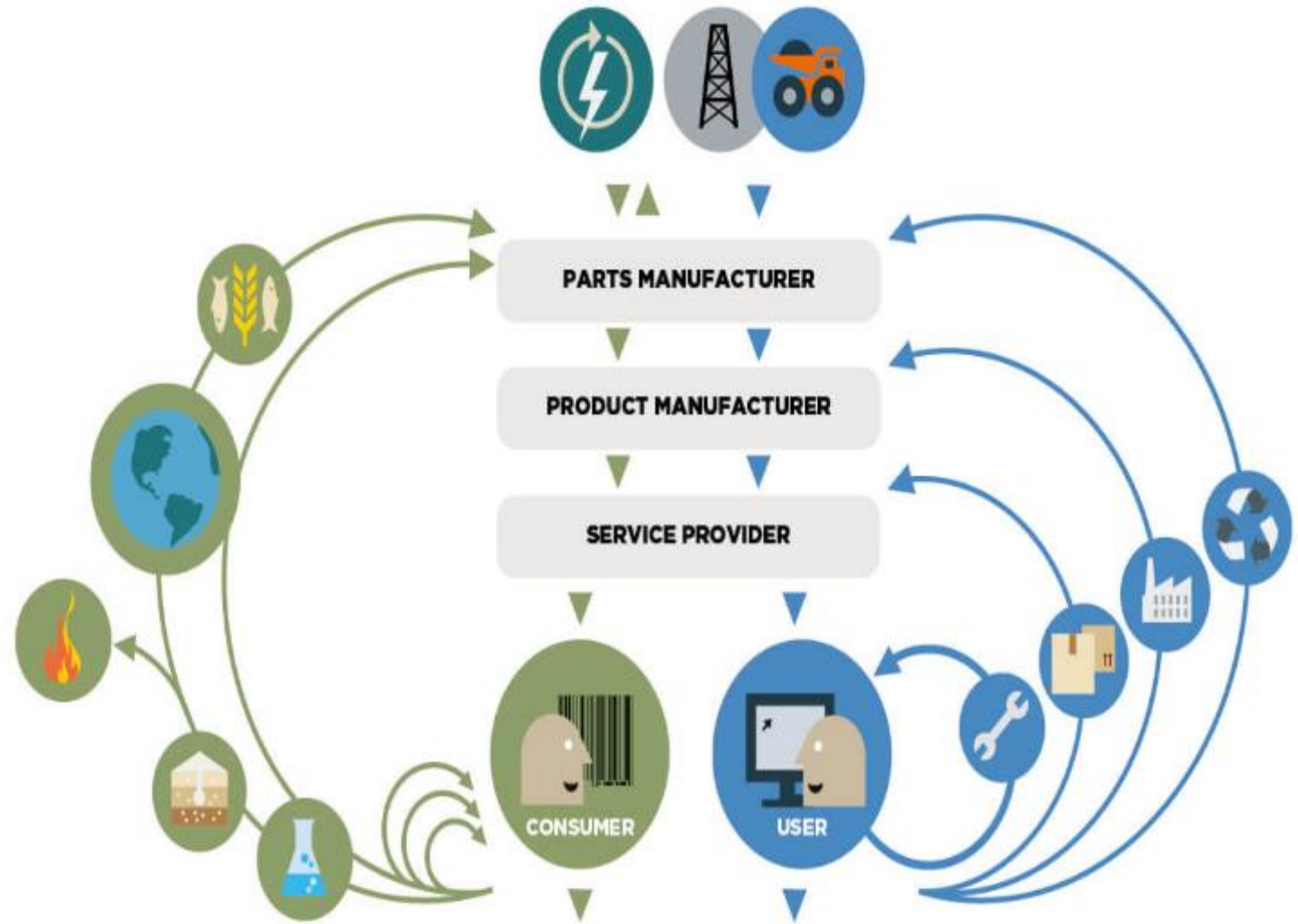
We want to see a step change in the approaches taken by energy infrastructure stakeholders, moving away from linear materials flows towards circular economy decision making for assets and materials.



What is a circular economy?

A systemic shift in the way we think and design products, based on three principles:

1. Design out waste and pollution
2. Keep products and materials in use
3. Regenerate natural systems





THE CIRCULARITY GAP REPORT

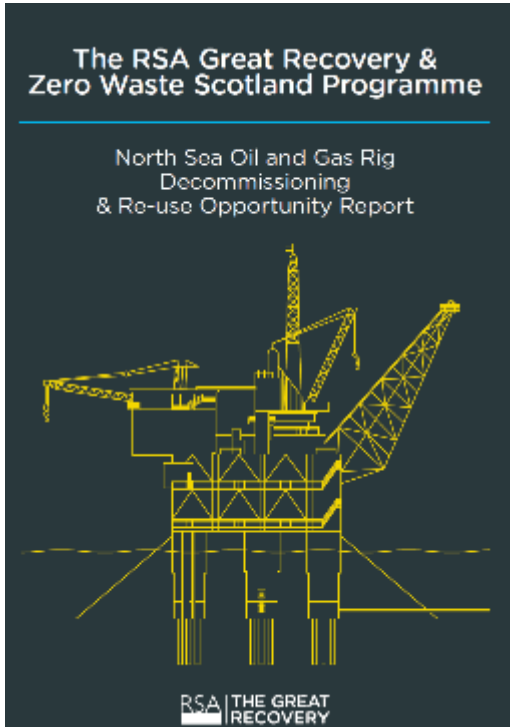
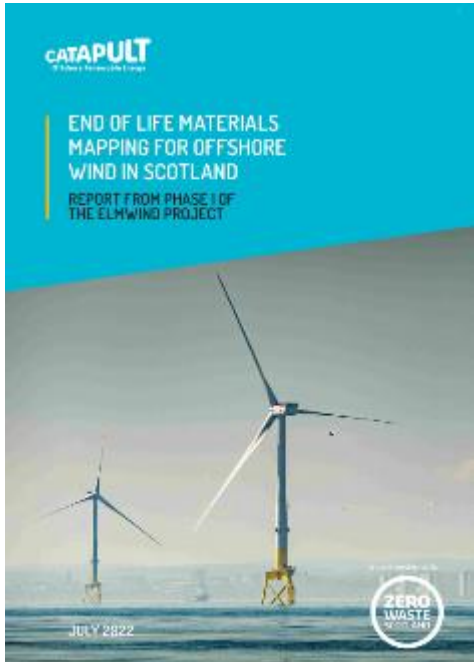
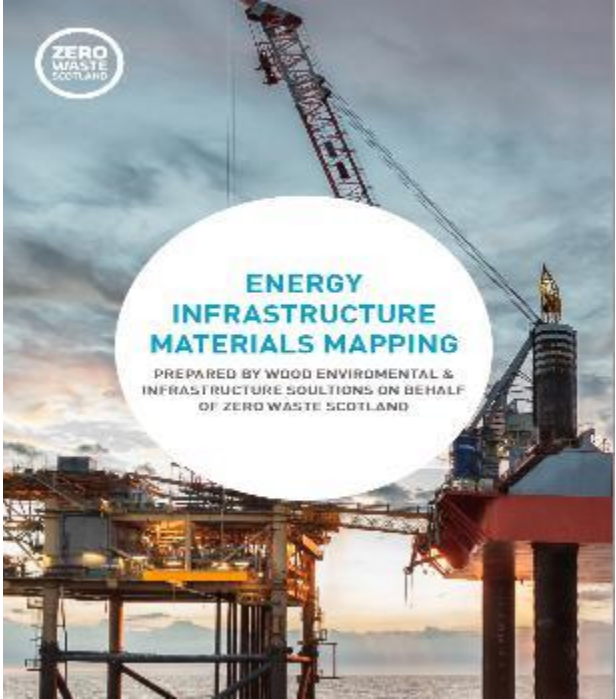
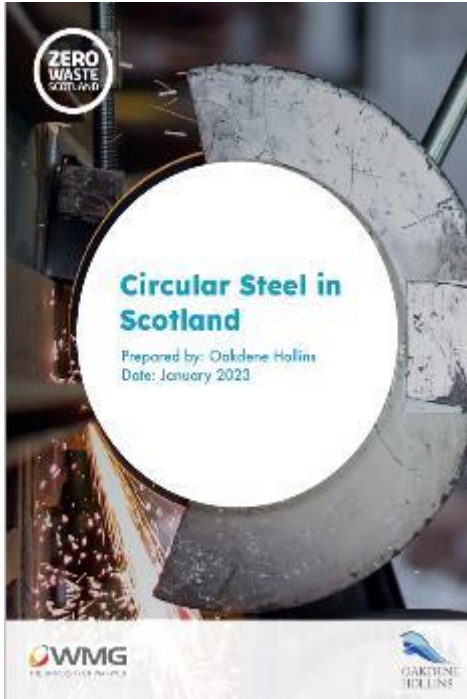
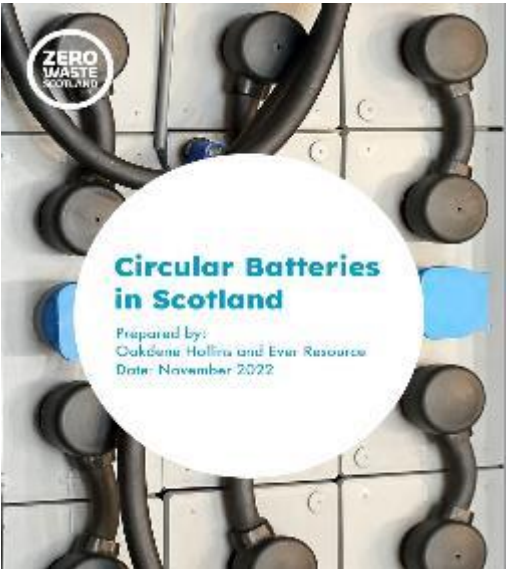
Scotland

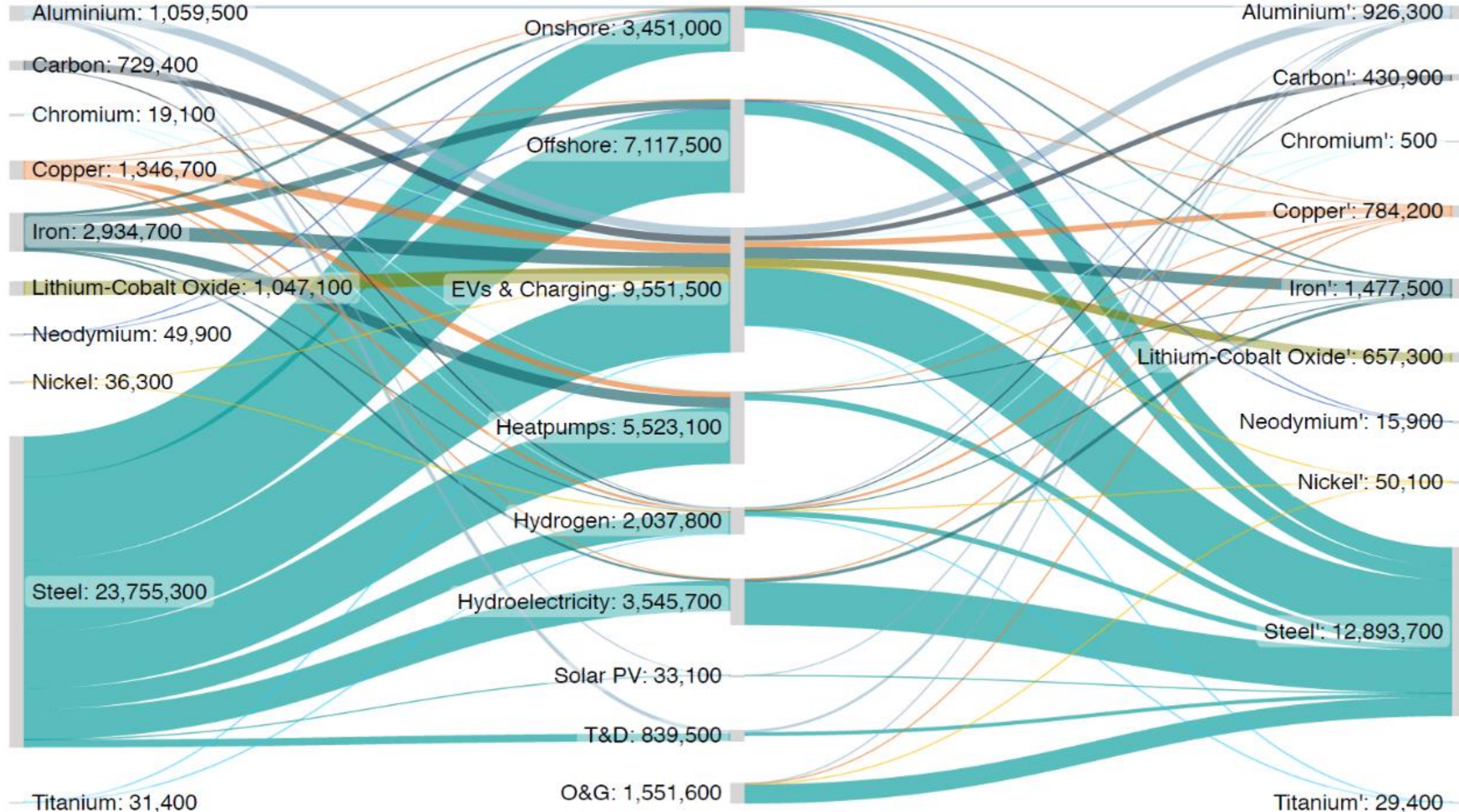


Circular decommissioning

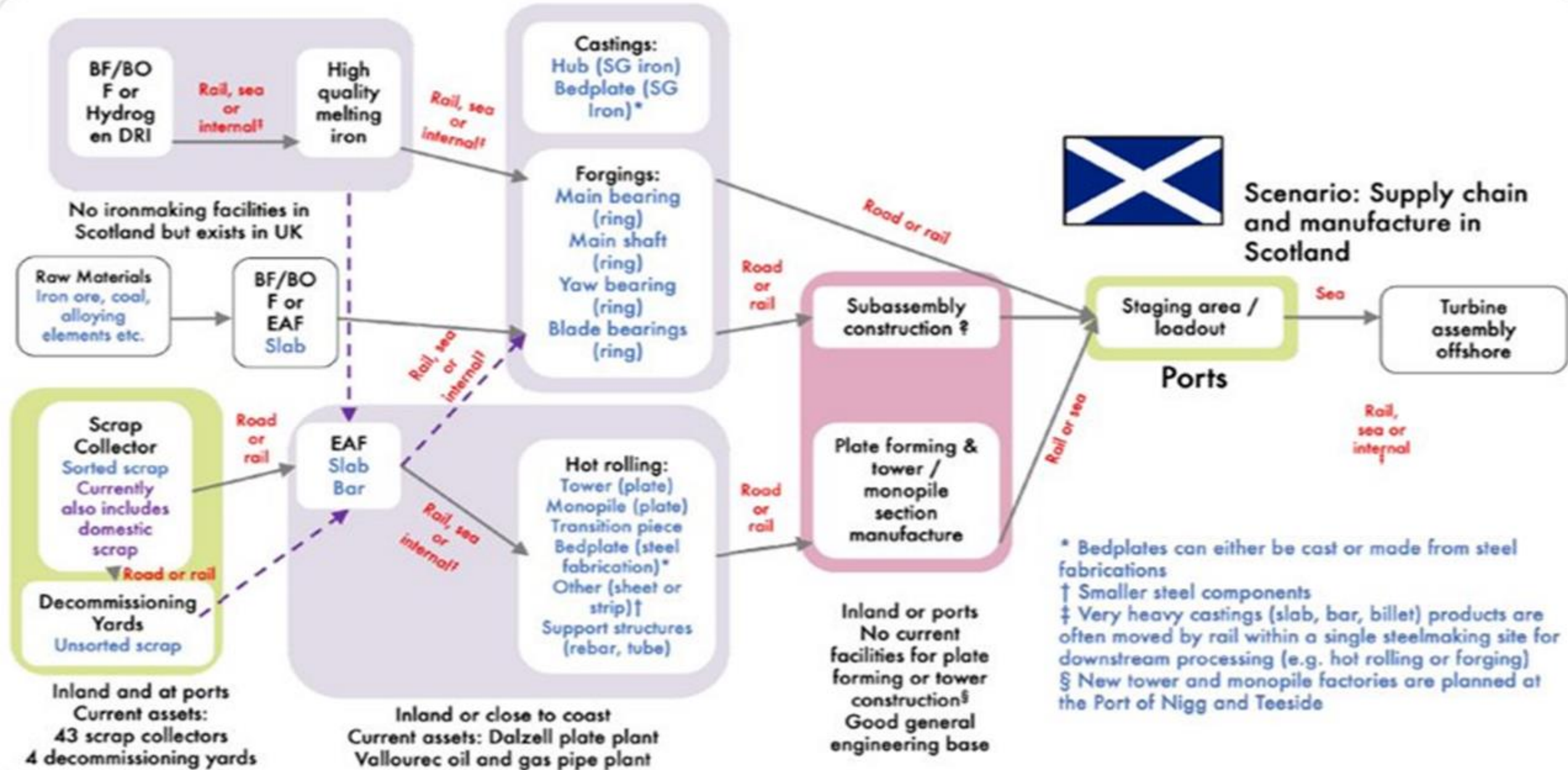


CE Energy Transition: Building the evidence





Steel in Oil and Gas Infrastructure



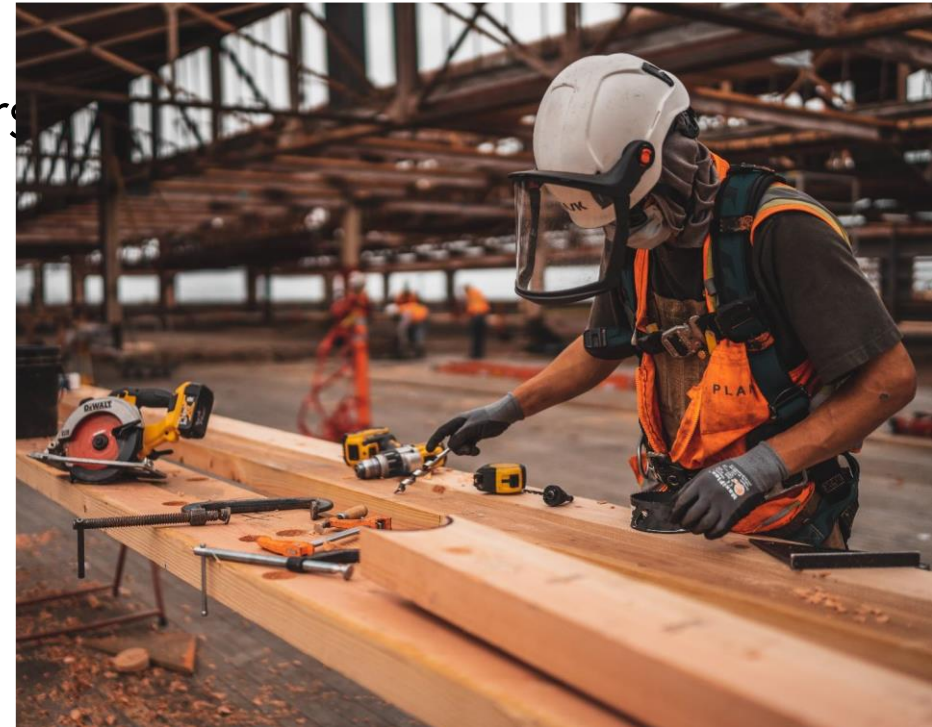
Governance of Resource Exchange Mechanisms

What are the rules of governance around appropriate material management?

Ensuring that suppliers of material are reputable and legally compliant, giving buyers confidence in materials acquired, covering :

- Accreditation of material / component assessors
- Warranty provision
- Insurance requirements
- Cost competitive business models

Look out for report on findings in April 2024.



A Feasibility Study of Regional Materials Reuse Hubs in Scotland

To determine the barriers, opportunities, and actions to the potential introduction of a consistent model for a reuse hub across Scotland:

- Compilation of regional and stakeholder opinion
- Identifying market opportunity (or not) or regional reuse hubs
- Provide better understanding of where materials suitable for reuse arise

Look out for report on findings in April 2024.





Thank you

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