



DECOMMISSIONING CASE STUDY

MAXIMISING REUSE AND RECYCLING, MINIMISING DISPOSAL

John Lawrie Metals Ltd is the Aberdeen headquartered metal waste recycling and processing experts. Having successfully carried out decommissioning projects involving the dismantling of large oilfield structures and subsea infrastructure for more than 20 years, the company jumped at the chance to undertake a project unlike anything they had delivered before.

MV Kaami

Having run aground six miles off the North West coast Skye in March 2020, the MV Kaami was deemed unfit for purpose and required taking ashore for dismantling. In partnership with Kishorn Port Ltd (KPL), the project involved the downsizing and recycling of the structure. The vessel was incidentally, at one point, also used by John Lawrie Tubulars to transport some of our piling pipe to the USA.

1,109te shipped direct to steel mills

Working to European ship recycling and SEPA regulations, John Lawrie's team from its Evanton base in Easter Ross successfully carried out the decommissioning work including downsizing the full structure. A total of 1,250te of material was recovered with 1,109te shipped to European steel mills for processing and recycling. Shipping direct from site also saved transportation by road (approximately 48 articulated vehicle loads negated) and therefore helped to cut carbon emissions even further.

Circular Economy

It is part of John Lawrie's ethos to maximise the opportunity to reuse or recycle materials in order to minimise disposal. Working directly with operators, Tier 1 contractors or other waste management companies, the company's expertise and experience lies in the onshore downsizing, deconstruction, processing, reuse and recycling of a wide range of subsea materials. With a clear focus on minimising waste, pollution and consumption of finite resources, improving sustainability, reducing environmental impacts and cutting carbon emissions, John Lawrie is a keen advocate of the circular economy.

97% recycling rate

With an aim of zero to landfill, every piece of material the company handled was assessed for reuse or repurpose before being processed for recycling. By processing and recycling the metal from the Kaami, the amount of waste being sent to landfill has been significantly reduced, thereby helping to create a circular economy by keeping waste materials in use for longer.

Highlights

Client:	Kishorn Port Ltd (KPL)
Vessel:	MV Kaami
Port:	Kishorn Dry Dock
Project:	Dismantle MV Kaami for recycling
Tonnage:	Approx 1,250te
Recycling Rate:	97%

OUR DECOMMISSIONING CAPABILITIES:

 <p>Onshore decommissioning service</p>	 <p>Piece small to medium items</p>	 <p>Access to quayside dismantling facilities</p>
 <p>Size reduction service at quayside</p>	 <p>Excellent track record</p>	 <p>Reuse & recycling specialists</p>
 <p>Recycling subsea infrastructure</p>	 <p>Licensed waste treatment facilities throughout Scotland</p>	 <p>Skilled & mobile workforce</p>
 <p>In-house HSEQ support service</p>	 <p>Documented safety management system OHSAS 18001:2007</p>	 <p>Accredited ISO 14001 & 9001 management systems</p>

Provision of specialist trucks, lifting and cutting equipment and a fully mobile, well-trained workforce as well as a highly innovative approach to project management and logistics means decisions are made quickly and jobs expedited efficiently. Our in-house HSE function includes method statements/risk assessments, training & competences.

We have a long established and experienced hands-on management team in place and a proven track record in managing, handling and processing a large number of decommissioning projects.

