



METAL RECYCLING CASE STUDY

FISH FARM PENS

John Lawrie Group is the largest metal recycler and exporter of processed metal in North and North-East Scotland and an experienced member of the decommissioning supply chain. With current strategically located licensed facilities in Aberdeen, Shetland, Evanton and Montrose, and the addition of our new quayside facility in Dundee opening in 2020 bringing our combined annual licensed tonnage to 360,000 tonnes, John Lawrie Decom is your decommissioning partner of choice.

Highlights

Client:	Loch Duart Aquaculture
Field:	North-West Scotland
Port:	Aultbea and Kishorn, Highlands
Project:	Recycling redundant fish farm pens
Tonnage:	350Te per cage
Recycling Rate:	100%

100%
RECYCLING
RATE

Project Summary

Farming different species of fish has a long history in the sea lochs off Scotland's north-west coast. Challenging sea and weather conditions mean there is a need to regularly upgrade and replace the rearing pen infrastructure.

Following the completion of a pen upgrade project at two different sites, John Lawrie undertook the onshore dismantling, processing and recycling of the redundant pens. These consisted of two large rectangular steel structures, each comprising four individual pens which were intersected and surrounded by galvanised steel walkways.

Two separate locations were selected for landing the 350Te cages due to their accessibility and proximity to the pens' original offshore locations. The first set of pens were towed to a private beach at Aultbea, which with restricted access to members of the public provided a safe area for dismantling work. Located further south, the second set were floated to Kishorn Port for dismantling.

At both sites, mobile cleaver shears were used to deconstruct the structures into road transportable sections. These were then transferred to John Lawrie's licensed Evanton waste metal treatment facility for further processing to ESSS standard, before being exported to European steel mills for recycling into new steel products, delivering significant environmental benefits.

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.

