

Biodiversity

While our 64-acre property is a mix of 1900s brick buildings and modern steel-clad warehouses, punctuated by a 91-metre stack — we are not all industrial. A woodland encircles the perimeter, while River Tawe and Swansea Canal hug the property on either side. Inside this naturalized boundary is a grassy area the size of 10 football fields, which we planted to remediate a former production and warehousing facility.



Our remediation work, and the good water quality of the river and canal, have received a clean bill of health from our regulator, Natural Resources Wales (NRW). NRW sets the standards by which we operate, and inspects our operations regularly to ensure compliance.

Fresh water, naturally

In 2018, we completed a **multi-year £4 million** project at our effluent plant installing state-of-the-art, automated technology to monitor our treated water.

Vale's Clydach Refinery is rich with wildlife, here are some example of the wildlife we have on site.





They're back! For the first time in 200 years, otters are in River Tawe.

Peregrine falcon training ground

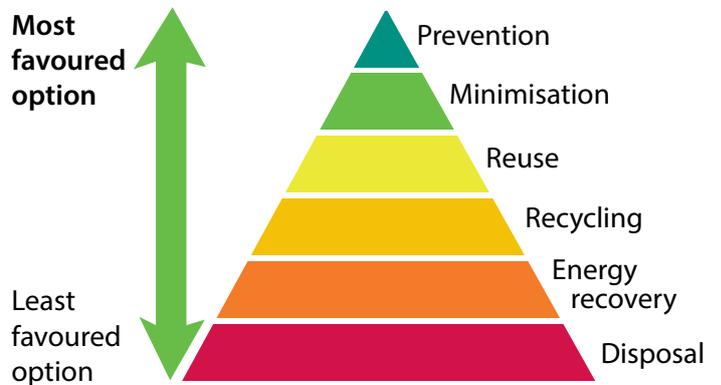
Peregrine falcons are using our 91-metre stack to train their young. From the top, the parents toss prey they have injured (not killed) so their chicks can attempt mid-air catches and perfect their signature divebombs, which can reach 320 mph.

Environmental Management System

To continuously improve environmental performance whilst meeting our business objectives, Clydach Refinery operates to the internationally recognised, best-in-class standard ISO 14001. Every year, we are audited by an external third party to ensure we are meeting the standard, and continually striving to do better.

Recycled cooling water circuit

This massive, multi-phase project will realize a 70% water reduction upon completion in 2021. Estimated cost: **£2 million**.



Landfill diversion

100% of waste from landfill diverted. Our resounding success can be attributed to our employees' adherence to the Waste Hierarchy (see chart above).

Insect hotel and compost bins

Our wooden pallets have been upcycled into a luxe insect hotel by local school children, and our plastic pallets have been re-imagined as compost bins for a local community garden.

