

Our work in the area

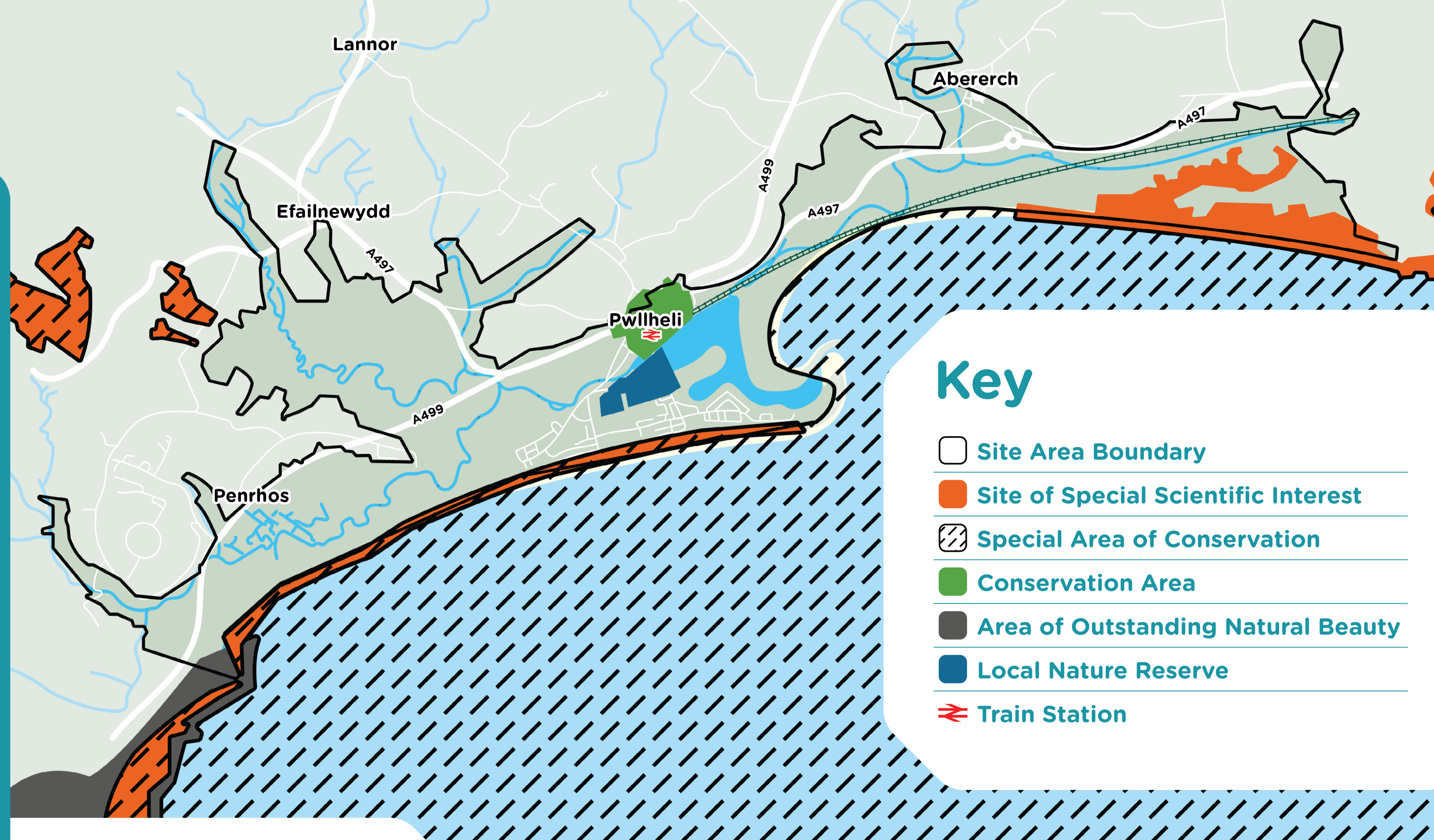
Natural Resources Wales is Wales's largest environmental body.

As well as managing flood risk, we have many legal duties and responsibilities to ensure we protect the outstanding environment we live in both now and in the future.

To achieve this, we have started carrying out a number of specialist surveys to help us understand the current state of nature.

We call this our baseline. Environment assessments will be used to ensure that all necessary approvals are in place for any work we carry out.

We must: protect the natural and historic environment, use natural resources in a sustainable way, seek ways to avert the Climate and Ecology Emergencies.



Key

- Site Area Boundary
- Site of Special Scientific Interest
- Special Area of Conservation
- Conservation Area
- Area of Outstanding Natural Beauty
- Local Nature Reserve
- Train Station

The Project

We have created a computerised flood model to calculate potential flood extents and water depths from storms.

We are using this to understand the problem at Pwllheli and have carried out environmental surveys as part of evidence gathering.

We have been assessing a Long List of options to reach a proposed Short List, prioritising flood risk reduction to people and homes.

Outside the project scope, but ongoing

- We inspect, operate and maintain flood defences working with asset owners and other organisations.
- We fulfil conservation and regulatory duties to protect the environment.
- We currently maintain the three main rivers entering Pwllheli (Erch, Penrhos & Rhyd-hir)
- We issue flood alerts and flood warnings for the coast, as well as fluvial flood warnings for the Erch and the Rhyd-Hir.
- We will continue to perform our ongoing response functions during a flood.