

# Wild Landfill – Habitat creation in the post-industrial landscape

The legacy of industry and waste disposal is one of nature loss and pollution of the natural environment. It has seen the degradation of land and soils and reduced biodiversity. Wild Landfill is an NRW multi-agency project to begin the reversal of this trend incorporating all aspects of Sustainable Management of Natural Resources into its brief.

## Themes

- Synbiogas programme – Non-fossil fuels research
- Biodiversity enhancement resilience
- Water storage flood protection
- Wetland and pond creation.
- Wildflower meadows and seed banks
- Public & schools engagement
- Native black bee project



## Sites

- Penhesgyn Landfill – Anglesey
- Clegir Mawr Landfill- Anglesey
- Llwyn Isaf Landfill - Gwynedd
- Ffridd Rasus Landfill - Gwynedd



## Outcomes

- Conversion of 4 brownfield waste landfill sites into multiple benefit post industrial nature regeneration areas meeting many WG/NRW legislative and SMNR policy drivers
- 50,000 trees planted across 4 sites – Right tree in the right place
- Mosaic/Edge connected habitat creation
- Hedge expansion and connectivity strategy
- Carbon sequestration in trees and soils
- Flood Storage integrated into River Braint flood mapping scheme
- Over 100 acres of donor wildflower meadow created on the surface of millions of tons of waste. Seed collection and distribution will occur across both counties.
- 20 new ponds and scrape areas with shallow margins to increase biodiversity



## Key Partners

- Anglesey County Council
- Gwynedd County Council
- Snowdonia National Park
- Centre for Ecology and Hydrology
- Bangor University
- Welsh Government
- Cynnal/Sustain
- Industry
- NGO's/Third Sector/Public
- Schools
- Bodorgan Estates
- Farmers and Landowners



## Education

- Wild Landfill web site and connection with all schools in Gwynedd and Anglesey
- Film shorts and educational information to inform and enable future generations
- Live video and time lapse feeds of all sites through web site and social media outlets
- Provision of learning material (worksheets / lesson plans) relevant to the Curriculum for Wales.
- School visits to engage directly with the pupils to deliver presentations
- Arrangement and facilitation of school site visits and on site workshops (Spring 2022) to the re-wilding sites.

