

# Towy Woodland

## Wales



# Project Summary

The project, which began in 2013, consists of establishing a woodland on 60.90 ha of land previously damaged by grazing. To this end, a mixed woodland, comprising 25% of native broadleaves and 75% of conifers, was planted.

In the long-term, the conifers will be sustainably thinned and harvested at maturity before being restocked. They will produce high quality timber that will be used in wood products which will continue to store carbon.

The broadleaf and conifer mix ensures fast growing trees and will sequester 13,623 tCO<sub>2</sub>e from the atmosphere during the 100-year crediting period (2013-2113).

In addition, the project will both preserve biodiversity and ecosystem services, and diversify the local economy by creating forestry jobs.



# Key impacts for local communities

- **13,623 tCO<sub>2</sub>e** will be avoided and removed from the atmosphere over the 100-year crediting period (2013-2113), through this new **mixed woodland** initiative;
- New native woodland will be created on **60.90 hectares** of land previously damaged by grazing;
- The project will enhance **biodiversity** and provide new habitat for various bird and animal species such as the red squirrel;
- The trees planted will help mitigate flooding, improve water filtration and soil quality;
- Local communities will benefit from improved air quality and access to a natural and biodiverse landscape;
- The project will foster the local economy by producing wood in a sustainable manner and employing local people to establish, maintain, thin, harvest and restock the wood.



# Aligning with the SDGs

- **SDG 8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all.**

The project helps stimulate and diversify the local economy through sustainable wood production and job creation in the forestry sector.

- **SDG 13: Take urgent action to combat climate change and its impacts.**

The trees planted will sequester 13,623 tCO<sub>2</sub>e over 100 years, contributing to climate change mitigation. The forest will also mitigate the effects of climate change by reducing flooding.

- **SDG 15: Protect, restore and promote sustainable use of terrestrial ecosystems and halt biodiversity loss.**

A mix of tree species have been planted, effectively covering an area of 60.90 hectares. The forest will promote biodiversity and provide new habitats for various species.



The Sustainable Development Goals (SDGs) were established by United Nations as a universal call to action to end poverty, protect the planet and ensure all people enjoy peace and prosperity. There are 17 goals in total and this project is aligned to the following SDG goals.