

Press release: Doncaster teens take lead on environmental improvements

The children at XP Secondary School have been working with experts from the Environment Agency and Yorkshire Wildlife Trust to research and improve how surface water drains away from the land.

Their findings have helped with the installation of a new sustainable drainage system (SUD) on the school's grounds, designed to mimic nature in the way it allows water to soak away.

Dave Newborough from the Environment Agency said:

SUDs help slow down the flow of surface water, giving it time to soak into the ground and for pollutants to be naturally filtered out before entering local watercourses.

In doing so, they help reduce the risk of flooding and improve water quality, as well as enhance the environment for people and wildlife.

XP's students carefully studied their school grounds, carrying out environmental experiments to determine how a SUD would work best. They presented their findings to a panel of experts, including Yorkshire Wildlife Trust, before helping to plant hedges that form an important part of the new drainage system.

The project has given the kids a real sense of ownership in their local water environment, which they can pass on to their family and friends," says Dave.

They've also learnt first hand how the water cycle works and how it can be affected by urbanisation and pollution. And they've had the opportunity to explore local wetland at Yorkshire Wildlife Trust's Potteric Carr Nature Reserve, discovering its importance for biodiversity and for managing flood risk.

The work at XP Secondary School is part of Inspiring Water Action in the Torne (iWAIT), an Environment Agency led project restoring almost 50 hectares of rare wet woodland priority habitats at 7 sites in Doncaster.

Around 450 children and young people across 7 schools, each linked with one of the woodland sites, are using the project to learn about flood risk, water quality and management, and ecology.

Three of the schools, including XP, will have SUDs fitted to manage the quantity and quality of surface water feeding the restored wetlands, as well as helping to involve young people in environmental activities and learning.

iWAIT is a Torne Catchment Partnership project led by the Environment Agency and involving Yorkshire Wildlife Trust, Doncaster Metropolitan Borough Council, Natural England and local communities.

ENDS

Notes for editors

- The iWAIT project is turning 46.5ha of non-priority habitat into priority habitat – this is 11% of the Environment Agency's nationwide target 400ha for habitat creation.
- A priority habitat is one identified as being the most threatened and requires conservation action under the UK Biodiversity Action Plan.
- Wet woodland is a biodiversity habitat, important for animals and plants. It supports a large number of species, many of which are now rare in the UK.
- For more information on the iWAIT project, see this [previous news release](#).
- Yorkshire Wildlife Trust is a local charity which works to create a Yorkshire rich in wildlife for the benefit of everyone. Our goal is nature's recovery, on land and at sea. We stand up for Yorkshire's wildlife wherever it is under threat, and work with others to find solutions that benefit both wildlife and people. We inspire thousands of children, families and others every year, reconnecting them with their local environment and wildlife. With the support of these people, we are restoring and recreating a habitats in Yorkshire and raising awareness of, and fighting for, Yorkshire's seas.