

Appendix 1 & Appendix 2: ERDF Biodiversity Action Phase 2

Appendix 1: The Derby-Nottingham Metro Area Biodiversity Action: Phase 2 Programme

The Derby-Nottingham Metro Area Biodiversity Action: Phase 2 Programme project builds on work from Phase 1 to improve the biodiversity in green/blue locations across the Trent Corridor and associated spaces. Projects are all small scale (up to £500,000) to ensure deliverability.

The specific project activities

In Nottingham:

- Improvement in land and water around Colwick Country Park/Holme Sluices to maximise the benefit from the fish ladder at Colwick Weir;
- Opening up parts of the River Leen and Nottingham Canal with improved biodiversity around new multi user paths linking corridors to growing employment sites;
- Landscaping and bio diversity planting in the open spaces in the renovated Broadmarsh area.

In Derby:

- Restoring upstream ponds, and removing invasive species;
- Developing new road side rain gardens;
- Putting biodiversity into a park currently used as a council run golf course.

Delivery Organisations

The activities will be managed and coordinated by the partners. Contractors procured specifically for each project will carry out the physical work.

How the activities will be delivered

Initial planning work will be by the councils. Contractors will be procured (internally or externally) to carry out the physical work and any other surveys outside the partners skill sets.

- Where the activities will be delivered
- Colwick Country park by the River Trent
- Along River Leen and Nottingham canal
- Along Sinfin Golf Course
- Green Wall at Car Park in Nottingham city Centre
- Dale Rd Park
- Boulton Lane
- Oakwood Park

Who the activities will benefit

The activities will benefit the citizens of both cities by opening up areas for people to enjoy, improving the attractiveness of areas, and contributing to improvements in air quality and overall quality of life. This will improve health, wellbeing, recreation and leisure, as people will be better able to access these spaces and enjoy them.

Work on the Leen and in Derby will help:

- reduce flood risks in urban areas;
- pollution control, climate change adaptation and mitigation, by restoring green spaces, and encouraging non motorised transport;
- economic growth by 1) Supporting non motorised transport to work 2) contributing to the general attractiveness of areas for people to live and work; an important element in attracting new businesses.

Delivery timescales

2020 – Getting shovel ready; Ecological surveys, plans, site surveys, procurement.

2021 – Construction in sub-projects completed by Nov 2021.

2022 – All construction completed and biodiversity management processes in place.

What the activities will achieve

The activities will deliver 21 hectares of surface area with improved biodiversity

Holme Sluices / Colwick Park– 11 ha

River Leen Multi User Pathway 2 – 4.5 ha

Broadmarsh- 0.5 ha

Boulton Lane – 1 ha

Oakwood Park -2 ha

Dale Rd – 2 ha

Project Details

Holme Sluices at Colwick Park

Colwick Country Park is a large green space east of Nottingham city centre which contains 24 acre and 65 acre lakes, wildlife lakes, a marina, natural areas, Adventure Centre and general green space for recreation and relaxation. This projects aims to enhance the diversity of habitats available at Colwick and therefore improve the visitor experiences for people that want to use the park.

The project will deliver improvements to the green infrastructure at Colwick Country Park through biodiversity and access enhancements alongside a £5m Environment Agency project to construct a fish pass around the Sluices – thereby enabling all species of fish to be able to pass Holme Sluices and access 30km of river upstream.

The project will enable additional tree planting around the park to mitigate the impacts of tree removals that are necessary for the construction of the fish pass.

Greenway (River Leen and Nottingham – Beeston Canal)

This project will continue the delivery and improvement of green corridors throughout the city whilst at the same time enhancing public amenity through improved multi-user paths in the city. In addition they will provide a vital function in facilitating active transport between major employment destinations, leisure and recreation facilities and housing areas. The areas for improvement have been selected as they can provide ecological measures to enhance biodiversity in conjunction with access and sustainable transport network benefits.

There are potential benefits to SME organisations and their employees if more staff are enabled to walk or cycle to work instead of driving as this will result in a reduction

in the amount of Workplace Parking Levy that they are paying. In addition there are the health and economic benefits to of an active, healthier, happier workforce.

Lace Market Car Park Green Wall

This project will create and place a living wall on the exterior of the car park creating a visually exciting space, which will help improve air quality. The plants used will low maintenance and will be water fed out of a rainwater harvesting and storage system with minimal maintenance. This will be the first such wall in Nottingham.

Sinfin Golf Course

The site in question is already a field environment, albeit a managed surface for the purposes of playing golf. The project will create and offer an enhancement to the existing network of ditches and ponds adjacent to the brook by creating an enhanced wetland area which will provide significant benefits to the biodiversity of the area. There is some discussion about the future of the golf course, and the possibility of turning it into a park. This project would create enhanced social enhancements to the parkland area.

Boulton Lane

The project will remove highway drainage gullies and construct planted raingardens to collect / reduce and clean surface water from the highway before discharge to the existing highway drain. The water will be collected in a shallow planting zone with a gravel base which will allow the water to collect and be taken up by surrounding *flora* assisting with increased biodiversity. The creation of surface entry points will make the identification of rubbish and silts easier to identify and remove.

Dale Road

The project will create 100m of vegetated swales together with an additional habitat/biodiversity pond (150m² approximately) within the existing Dale Road Park. Surface water from the highway drainage system will be captured at two manholes on Dale Road and directed on to the park through buried pipes. Water will be channelled to a new pond and together these will help to cleanse surface water and remove pollutants that have been collected from the roads. The highway surface water will further be subjected to 5 stages of SuDS surface water treatment (three ponds, two swales) before reaching the natural environment whereas there is presently no surface water treatment.

Oakwood Park

The Oakwood area of Derby suffered extensive flooding in 2014 caused by sewer surcharge and surface runoff from public open spaces.

The proposed project will look to improve the flood risk management provision to properties downstream of the open parkland which lies adjacent to Bishops Drive in Chaddesden Derby. The project will construct open flood storage areas, together with associated landscaping and planting schemes, which would create biodiversity / wetland areas to support a range of bird, invertebrate and pollinating insect species. The project will look to return an area of Oakwood back to woodland, introducing historical and heritage benefits to the area.

Appendix 2: The Derby-Nottingham Metro Area Biodiversity Action: Phase 2 Programme Financial summary

Total Budget Summary	Capital	Revenue	Total	50% ERDF
Nottingham City Council				
Holme Sluices fish pass	475,000	25,000	500,000	250,000.00
Nottingham Greenways	403,550	27,673	431,223	215,611.50
Green Wall at Lace Market				
Car Park	84,536		84,536	42,268.00
Project management		164,110	164,110	82,055.00
	963,086	216,783	1,179,869	589,934.50
Deby City Council				
Oakwood Park	413,487	37,066	450,553	225,276.50
Dale Road	111,000	16,449	127,449	63,724.50
Boulton Lane	215,000	33,377	248,377	124,188.50
SinFin Golf Course	100,000	19,956	119,956	59,978.00
	839,487	106,848	946,335	473,167.50
Total	1,802,573	323,631	2,126,204	1,063,102.00