

# Rewilding Enfield

## Blue Green Infrastructure

25<sup>th</sup> April 2023



## Blue and Green Projects

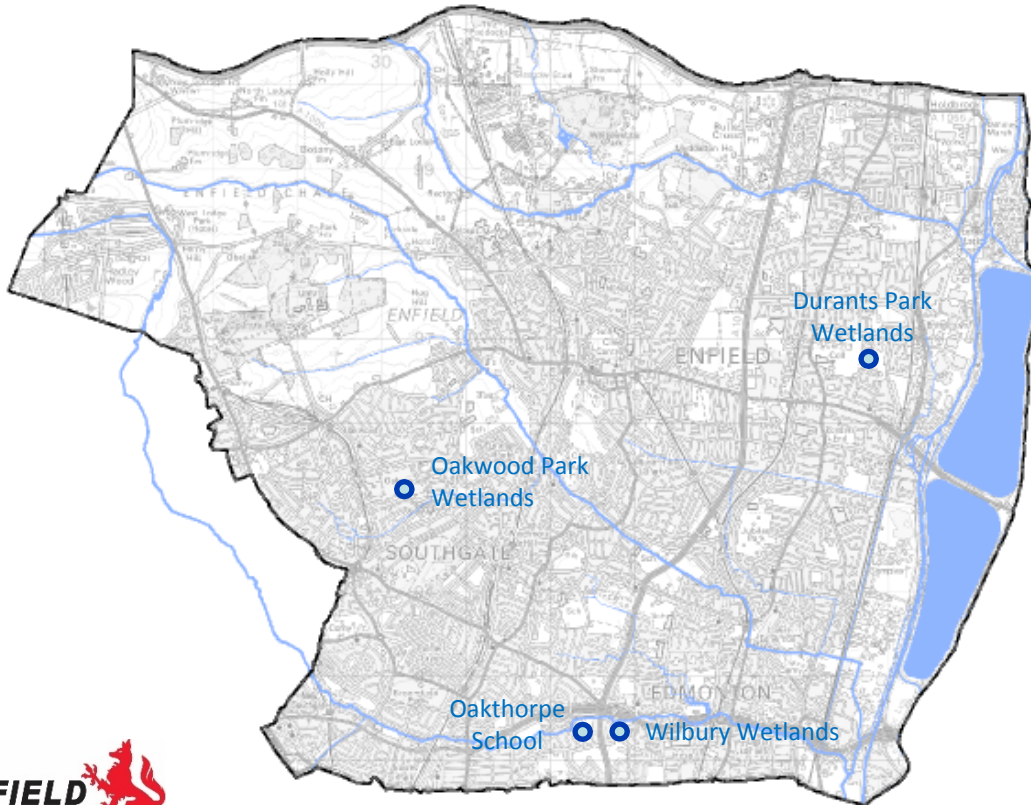
- Wetlands
- Natural Flood Management
- Woodland creation
- Rain gardens
- Urban woodlands
- Conservation Grazing



## Constructed Wetlands Current Projects

The following schemes are in progress:

- Oakwood Park Wetlands
- Durants Park Wetlands
- Oakthorpe School Wetlands
- Wilbury Wetlands



Oakwood Park



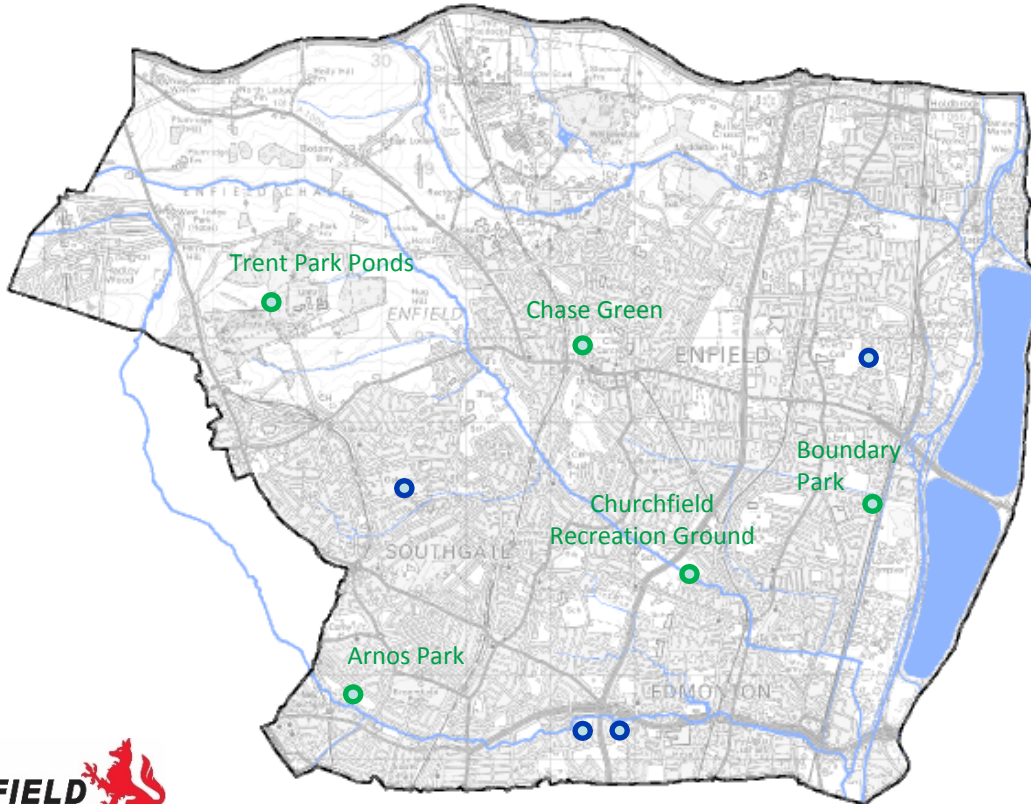
Oakthorpe School



Durants Park Wetlands

## Constructed Wetlands Future Projects

- Boundary Park – hydraulic modelling is being carried out to inform the design
- Chase Green – feasibility study in progress
- Churchfield Recreation Ground – community engagement Spring 2023
- Arnos Park – initial feasibility study is underway
- Trent Park Ponds – works planned for Summer 2023



Oakwood Park



Oakthorpe School






Durants Park Wetlands

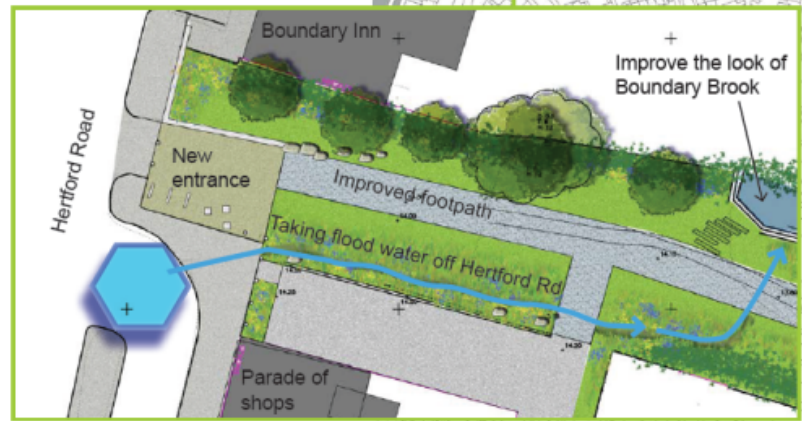
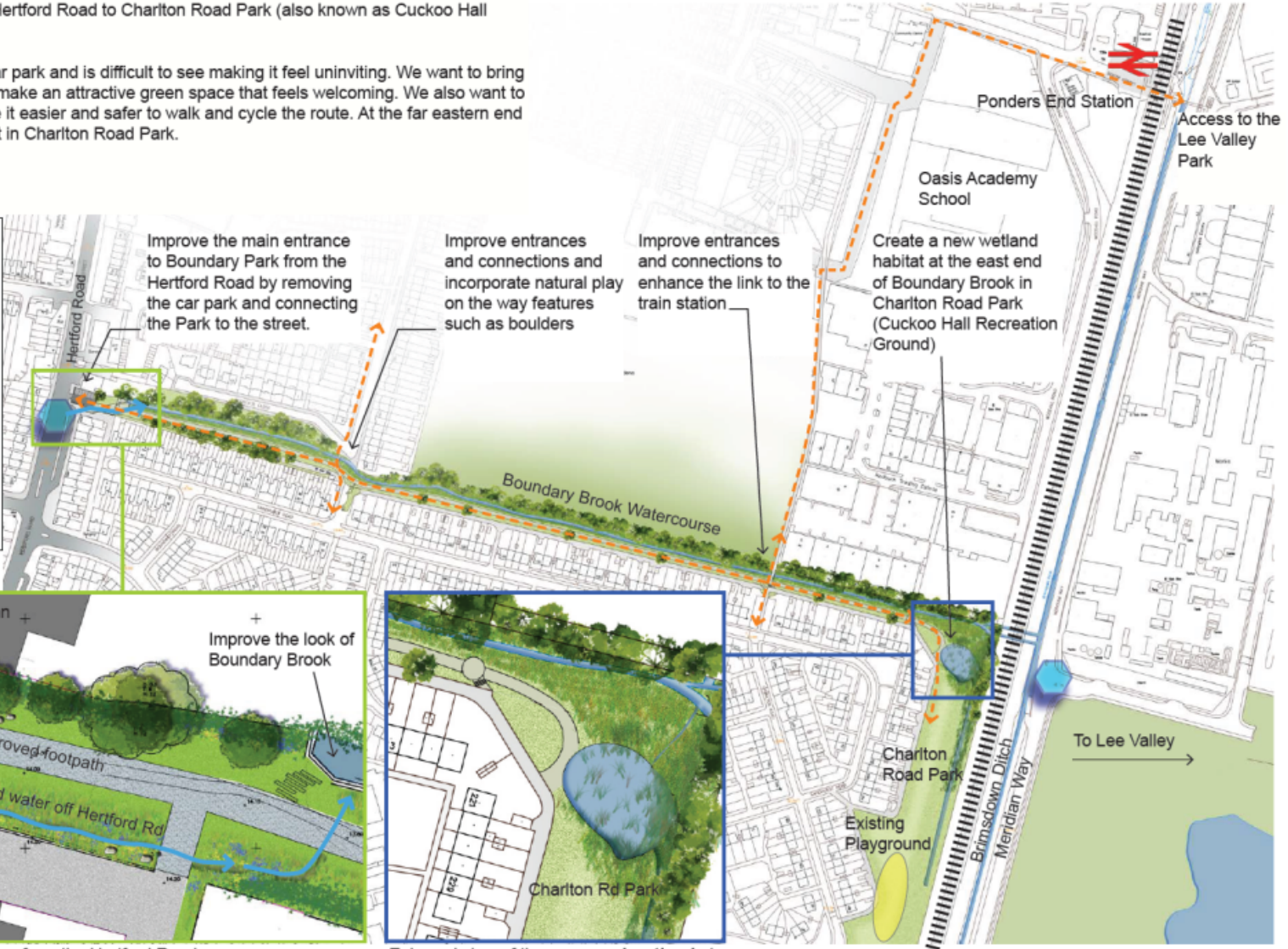
# Boundary Brook Park

Boundary Park is the proposed new name for an improved green walking and cycling link which follows the Boundary Brook watercourse from the Hertford Road to Charlton Road Park (also known as Cuckoo Hall Rec).

Currently the Park is hidden behind a car park and is difficult to see making it feel uninviting. We want to bring the park right up to the main street and make an attractive green space that feels welcoming. We also want to improve and widen the footpath to make it easier and safer to walk and cycle the route. At the far eastern end we want to create a new wetland habitat in Charlton Road Park.

**Legend**

-  Pedestrian and cycling routes and key junctions and destinations
-  Flood water accumulating on Hertford Rd will be able to flow overland into Boundary Brook by landscaping the entrance
-  Area where flood water accumulates



Enlarged view of the proposed entrance from the Hertford Road



Enlarged view of the proposed wetland at the eastern end of Boundary Brook

# Boundary Brook Park Wetlands

We would like to build a wetland at the eastern corner of Boundary Park where it becomes Charlton Road Park. The wetland would connect to a series of swales (ditches) and help to store water, improve water quality and create an attractive amenity feature which can become rich in wildlife.

Enfield Council has already built several wetlands in the borough some of which are shown as examples below. Wetlands offer a great opportunity for the local community to get involved in planting and future maintenance, Enfield Council can assist groups with these tasks



Bury Lodge wetlands alongside the Salmons Brook



Example of the wetlands Enfield Council built in Enfield Town Park 2018 which helps to store and treat water before it enters a watercourse. Also creating an attractive place to visit



Wetlands create opportunities for nature to thrive



Improve habitat for Kingfishers who already visit the Brook



Wetlands create opportunities for the local community to become involved in environmental improvements



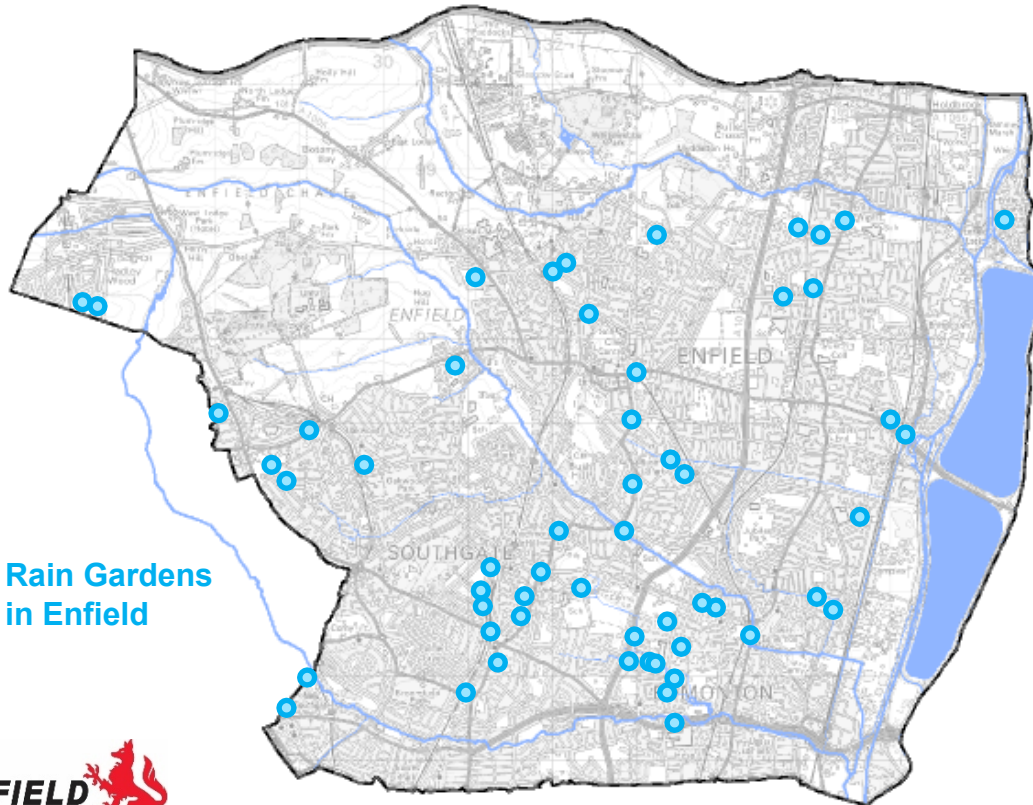
Enlarged view of the proposed wetland at the eastern end of Boundary Brook

You can view this consultation and complete a questionnaire at [letstalk.enfield.gov.uk/boundary-park](http://letstalk.enfield.gov.uk/boundary-park)  
The consultation is online from Wednesday 23rd February 2022 and ends 5pm on 13th March 2022



## Rain Gardens Mini-wetlands

- A programme of work has led to the creation of over 150 rain gardens across Enfield in recent years
- These measures provide similar benefits to wetlands but in an urban environment
- Although they are much smaller than wetlands, if sufficiently numerous and distributed over a wide area, they have significant potential to address flood risk and a range of other urban issues



Rain Gardens in Enfield

Four Hills Housing Estate



Westerham Avenue Shops



Clay Hill

## Rain Gardens Oakthorpe School

- A series of rain gardens were installed in Autumn 2022 – as well as managing rainfall they provide seating and natural play features
- Supported by the Mayor of London and Environment Agency





## Rain Gardens Green Lanes

- Proposals to install up to 20 rain gardens along Green Lanes just south of the A406 North Circular are in development
- Supported by Thames Water and the Environment Agency





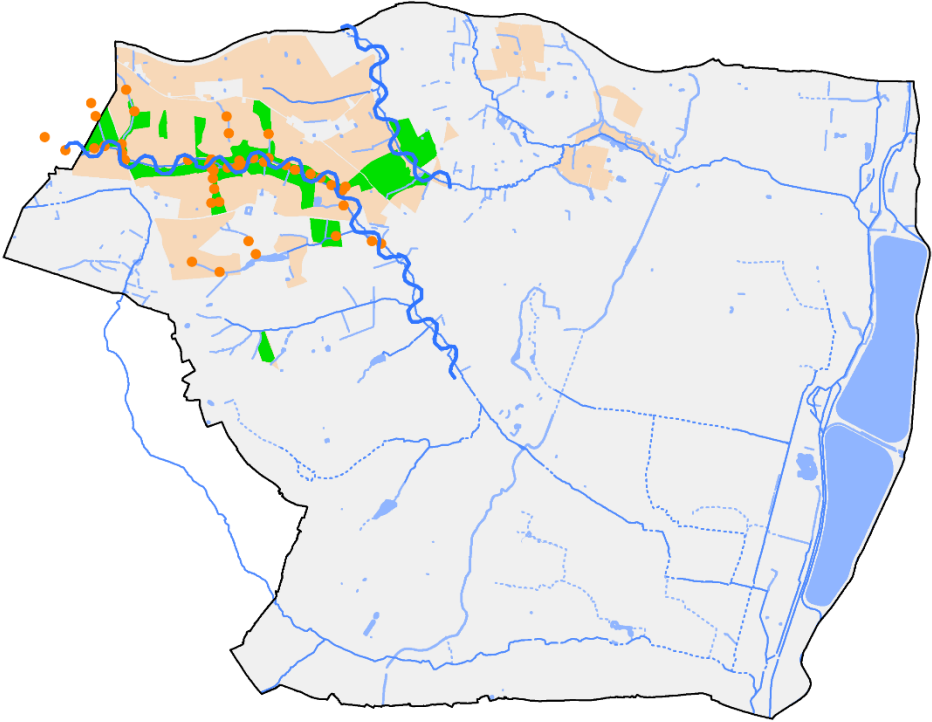
River restoration

Natural Flood Management measures include:

- River restoration
- Re-connecting floodplains
- Ponds and wetlands
- Woodland creation



Wetlands



Woodland creation

# ENFIELD CHASE RESTORATION MAP



-  Woodland Creation 2023
-  Woodland Creation 2020-22
-  Existing Woodland
-  Green Space
-  Farmland
-  Urban Area
-  LONDON LOOP

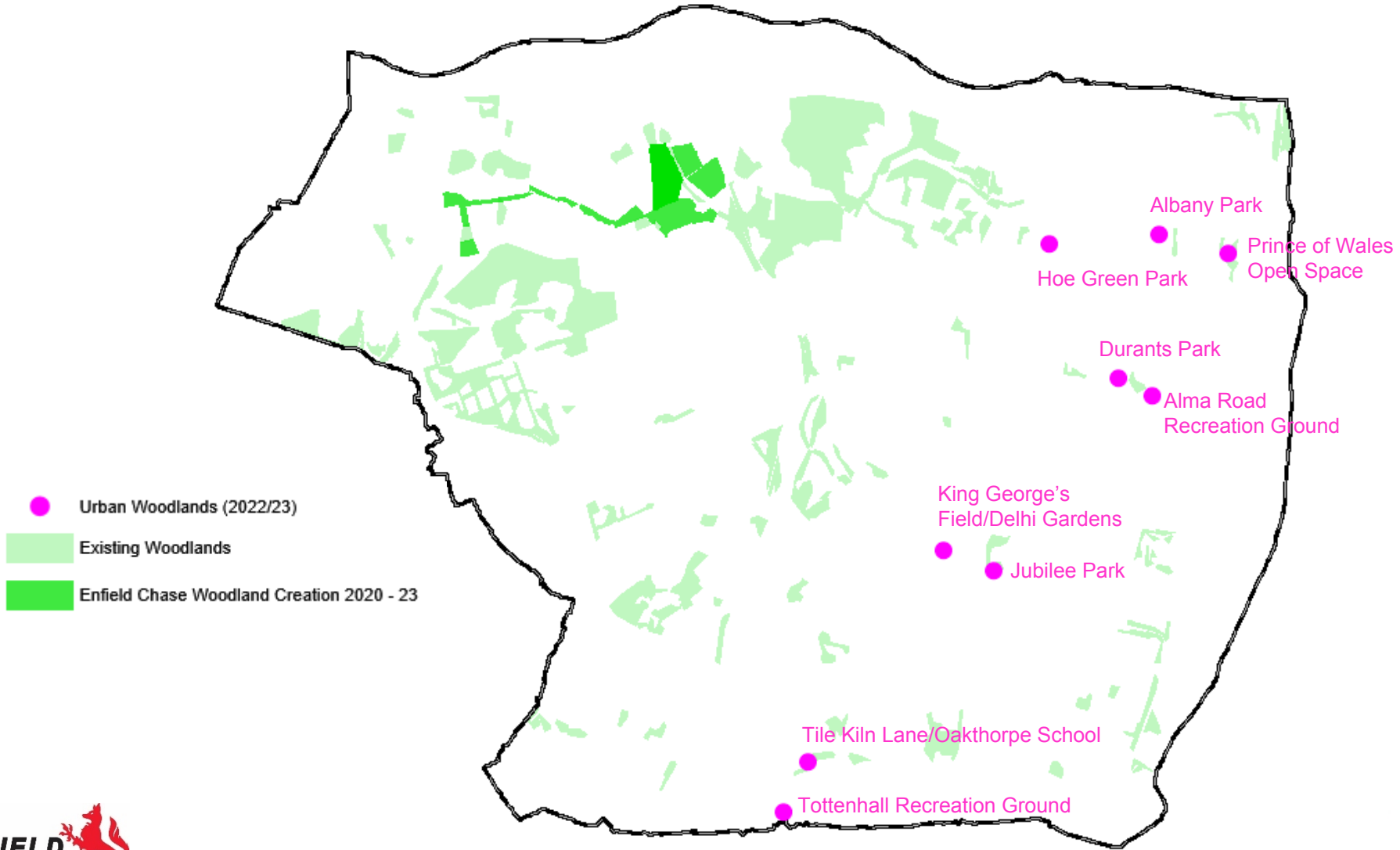
SUPPORTED BY  
**MAYOR OF LONDON**



## Enfield Chase Woodland Creation Overlooking the Salmons Brook valley



# Urban Woodlands



## Conservation Grazing

- Improved diversity of grass species associated with the restoration of natural ecological processes
- Restoration of historical land management practices
- Reduction in the use of heavy machinery (including reduced risk of damaging archaeological artefacts within the Forty Hall Scheduled Ancient Monument site)





# Conservation Grazing

## Forty Hall



## Trent Park



-  Phase 1 - Trial Grazing Area
-  Potential Extent of Grazing Area