

# Blue Green Infrastructure through Social Innovation

**London Borough of Enfield  
and participation in Interreg Project  
BEGIN**



Team of 5 performing the role of:

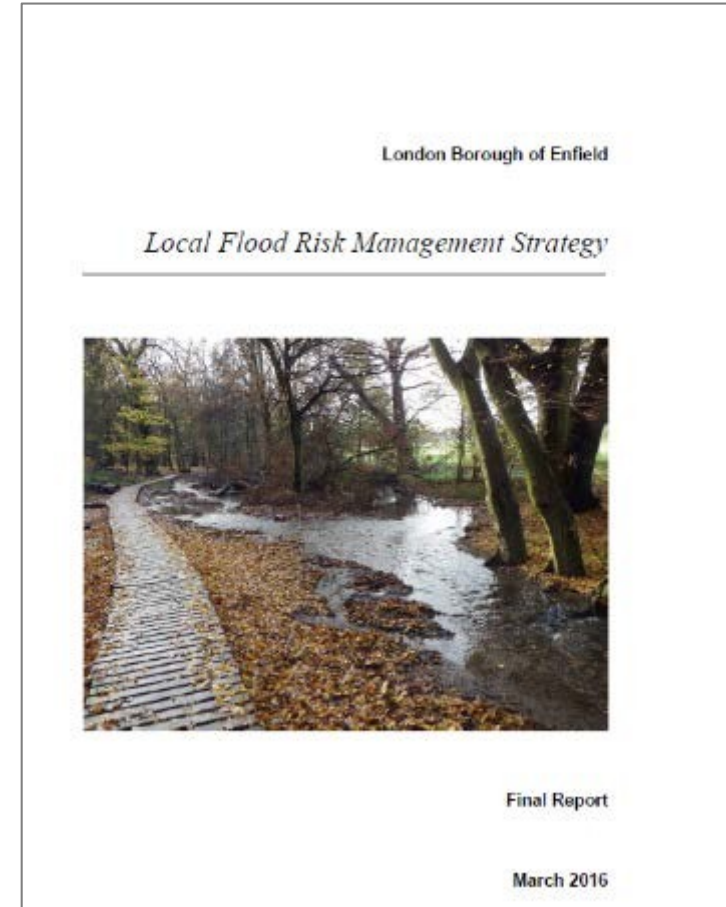
- LLFA for the borough
- Management of watercourses
- SuDS Statutory Consultee
- Delivery of drainage projects
- and more.....

# Local Flood Risk Management Strategy (2016)

## Main driver for flood risk related activities

Includes objectives to reduce runoff by:

- Retrofitting sustainable drainage to existing developments
- Identify and implement opportunities to implement SuDS to regeneration projects, highway / cycleway / footway schemes, car parks, schools and businesses
- Utilising public parks and open spaces for storing flood waters



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# A range of BGI measures across the borough



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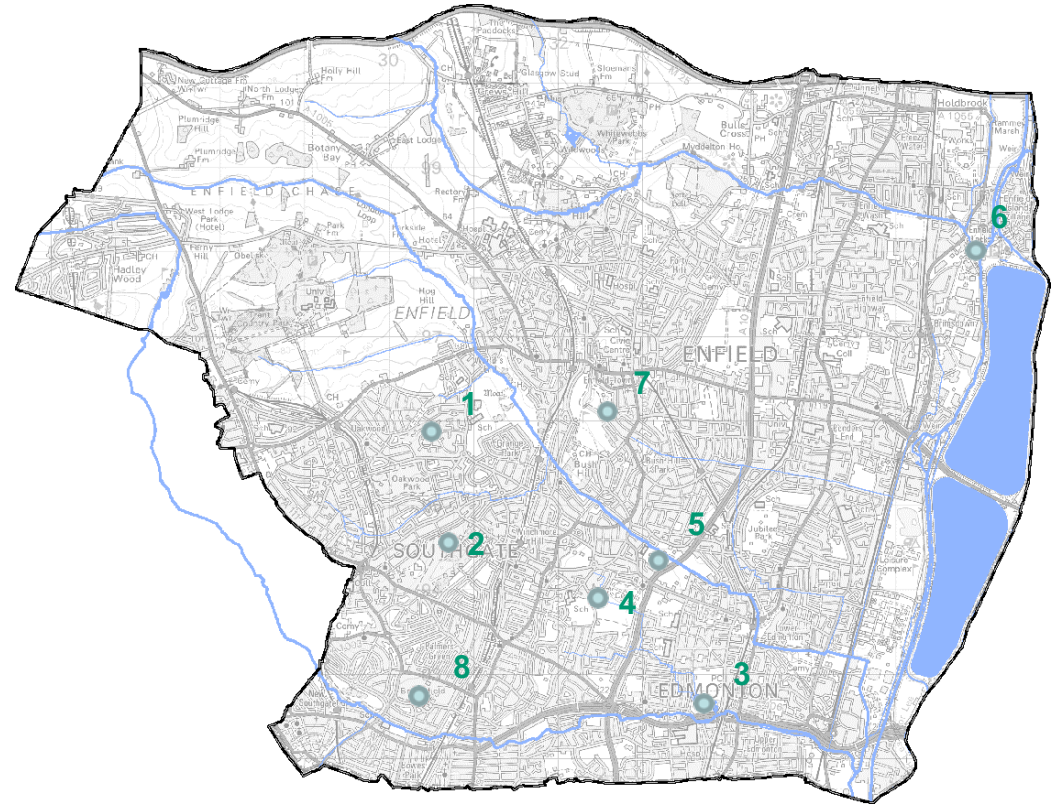
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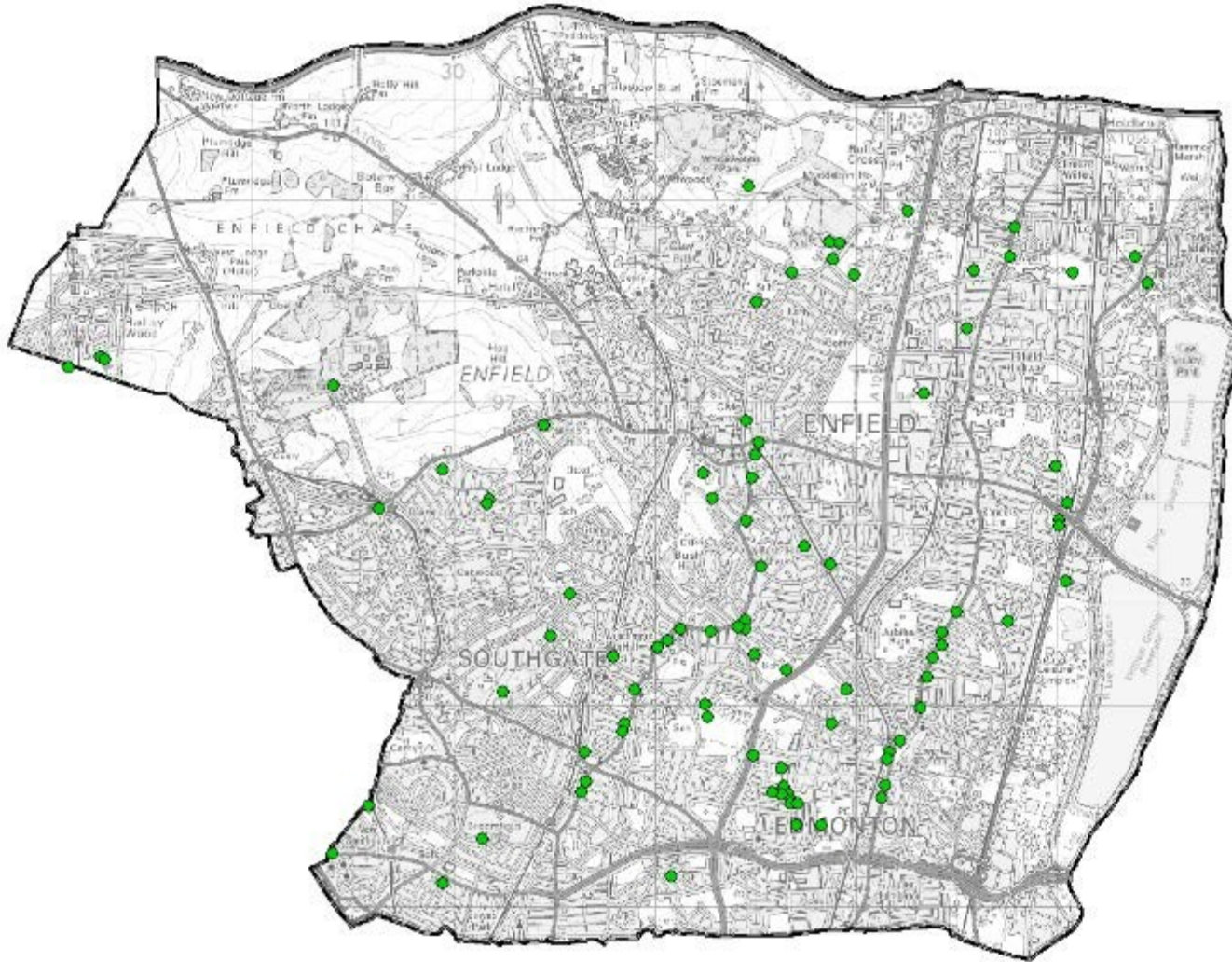
## Constructed Wetlands in Enfield

1. Glenbrook SuDS – 2014
2. Grovelands Park SuDS – 2014
3. Pymmes Park Wetlands – 2015
4. Firs Farm Wetlands – 2015
5. Bury Lodge Wetlands – 2016
6. Prince of Wales Wetlands – 2017
7. Enfield Town Wetlands – 2018
8. Broomfield Park Wetlands – 2019





# A range of BGI measures across the borough







# BEGIN

[northsearegion.eu/begin](http://northsearegion.eu/begin)

## Improving Climate Resilience with Blue Green Infrastructure

Cities are particularly susceptible to extreme weather conditions caused by climate change. Blue Green Infrastructure (BGI), such as green corridors, permeable paving, bio-swales and rainwater harvesting, is needed to better adapt to this situation and improve the livability of cities.

It is BEGIN's aim to find and show improved climate adaptation solutions in urban areas, to identify the benefits, and to have measures installed and maintained by social initiatives. Also, BEGIN aims to have BGI perceived as an obvious and integral part of urban development, by developing projects and lowering thresholds.

*"Blue green infrastructures do not only help to cope with extreme weather conditions, they also contribute to a more attractive and enjoyable living environment."*

Ellen Kelder - water management expert, City of Dordrecht



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# BGI & Social Innovation

**Blue Green Infrastructure**



**Social Innovation**



# BGI & Social Innovation

## Social Innovation

- **Public Consultation**
- **Community Engagement**
- **Volunteering**
- **Maintenance**
- **Funding sources based on multiple benefits**
- **Working in partnership**

# Community Engagement & Volunteering



 **World Wetlands Day**  
2 February 2019  
Wetlands and climate change

at  
Fis Farm  
11:00-3:00  
Fun for all the family

Activities:  
Wetland Guided Tours  
Nature Trail & Scavenger Hunt  
Tombola  
Interpretation Trail  
Colouring & photographic competition.

Come and find out more about our award winning wetlands and why it is important for our community, wildlife and climate change.  
It is cold so please wrap up warm.  
Our next wetlands clean up day is 2nd March  
Fis Farm Wetlands, Fis Lane, London N21 2PH



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# Changing behaviour through landscape?



# Changing behaviour through landscape?





# Maintenance









# Funding Sources and Working in Partnership

Summary of wetlands projects and partners

Wetland Location	Year	Area (m <sup>2</sup> )	Organisations	
			Lead	Support
Glenbrook	2014	600	Thames21	EA
Grovelands Park	2014	400	Enfield Council	T21, EA
Pymmes Park	2015	2,000		T21, TW
Firs Farm	2015	4,000		T21, TW, GLA, EA
Bury Lodge	2016	2,000		T21, EA
Prince of Wales Park	2017	2,000		WWT, TW
Enfield Town Park	2018	1,000		EA
Broomfield Park	2019	1,200		T21, RT, CCF, WWF



WORKING TOGETHER TO CONSERVE AND PROTECT ENGLISH LANDSCAPES



The Rivers Trust



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# Funding Sources and Working in Partnership



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# Thank you

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