



Building with Nature

*Setting the standard for green
infrastructure in development*

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Green Infrastructure

What does good look like?

Policy drivers

National

Local

Neighbourhood



Living wall, Paris

Principles

multi-functional

connected

network

Rationale for a new standard

1. **uncertainty** amongst planners and developers about *how* translating academic **knowledge & evidence** into practice
2. disseminating **good practice** more consistently to ‘**raise the baseline**’
3. Supporting delivery of ‘**whole lifecycle approach**’
design > implementation > management & maintenance > design...

[Sources: Sinnett *et al.*, 2017; Calvert *et al.*, 2017, In review; Jerome *et al.*, 2017, In review]



Why a benchmark?

“We need a tool to help planners.” (Landscape Institute)

“We need a framework of principles to define what high quality green infrastructure looks like.” (Natural England)

Making the business case for green infrastructure

- Reduce planning uncertainty

- Accelerate delivery of new homes, and higher quality places to live and work



UK's first green infrastructure benchmark

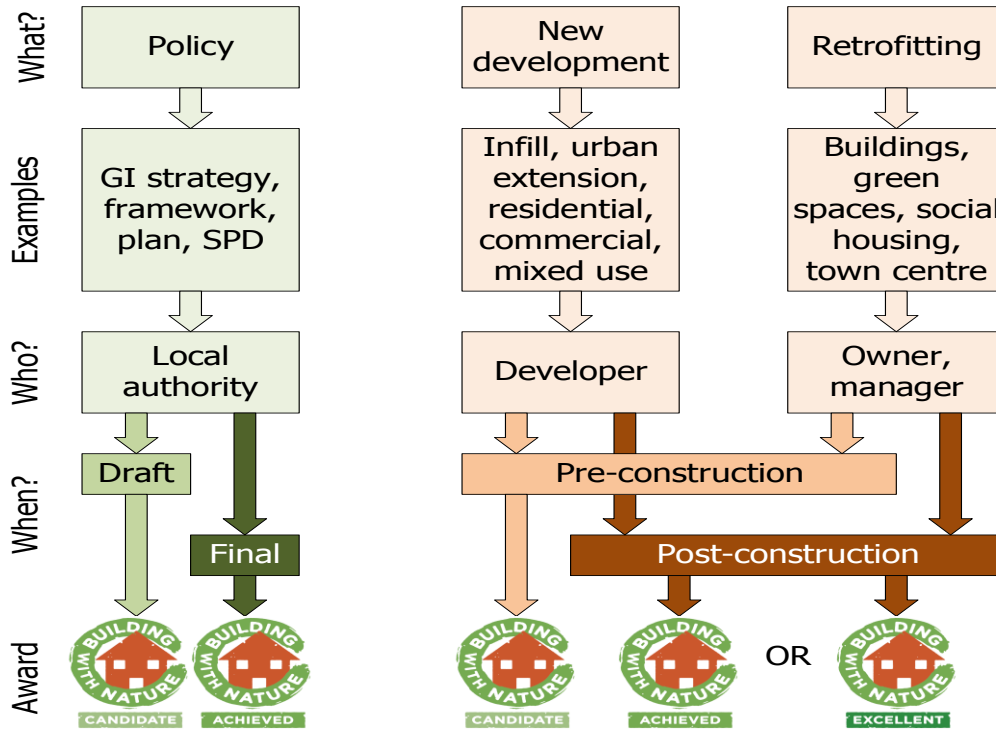
23 standards

- Core
- Wellbeing
- Water
- Wildlife

Post-construction award

Two levels: Achieved + Excellent

Design – Planning - Implementation – Management & maintenance



Wellbeing

WELL1:

Green infrastructure is accessible for all and is situated close to where people live to promote health, wellbeing, community cohesion and active living.



Water

WAT6:

Features relating to water management are used to enhance local distinctiveness and add value to the overall design.



Wildlife

WILD4:

Green infrastructure includes ecological features around and within the built environment.





Case studies



Elderberry Walk, Bristol

Developer: HAB Housing

Scheme: 161 houses, plus green infrastructure



Development of 161 new homes on the former Dunmail Primary School site, focused around a central green street, with retained trees, new multifunctional green infrastructure, a communal wildlife garden and edible planting.

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Elms Park, Cheltenham

Developer: Persimmon Homes + Bloor Homes

Scheme: 4115 houses, employment land, plus green infrastructure

Development of up to 4115 new homes, 24ha of employment land to be used for commercial and community facilities, plus new multifunctional green infrastructure including woodland habitat and areas for sport and food production.



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Chesterton Farm, Cirencester (Cotswolds)

Developer: Bathurst Development Limited

Scheme: 2350 houses, employment land, plus green infrastructure



Development of up to 2350 new homes, 9ha of employment land to be used for commercial and community facilities, plus green cycle links, and multifunctional green infrastructure including playing fields and allotments.

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Gloucester Services, M5 South/Northbound

Developer: Westmorland Limited
+ Gloucestershire Gateway Trust

A north and south bound motorway service area on the M5 motorway, with café amenity buildings, a tourist information point, and green infrastructure including an outdoor picnic area, play facilities and habitat provision.

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Any questions or request for resources:

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Feel free to pop in.