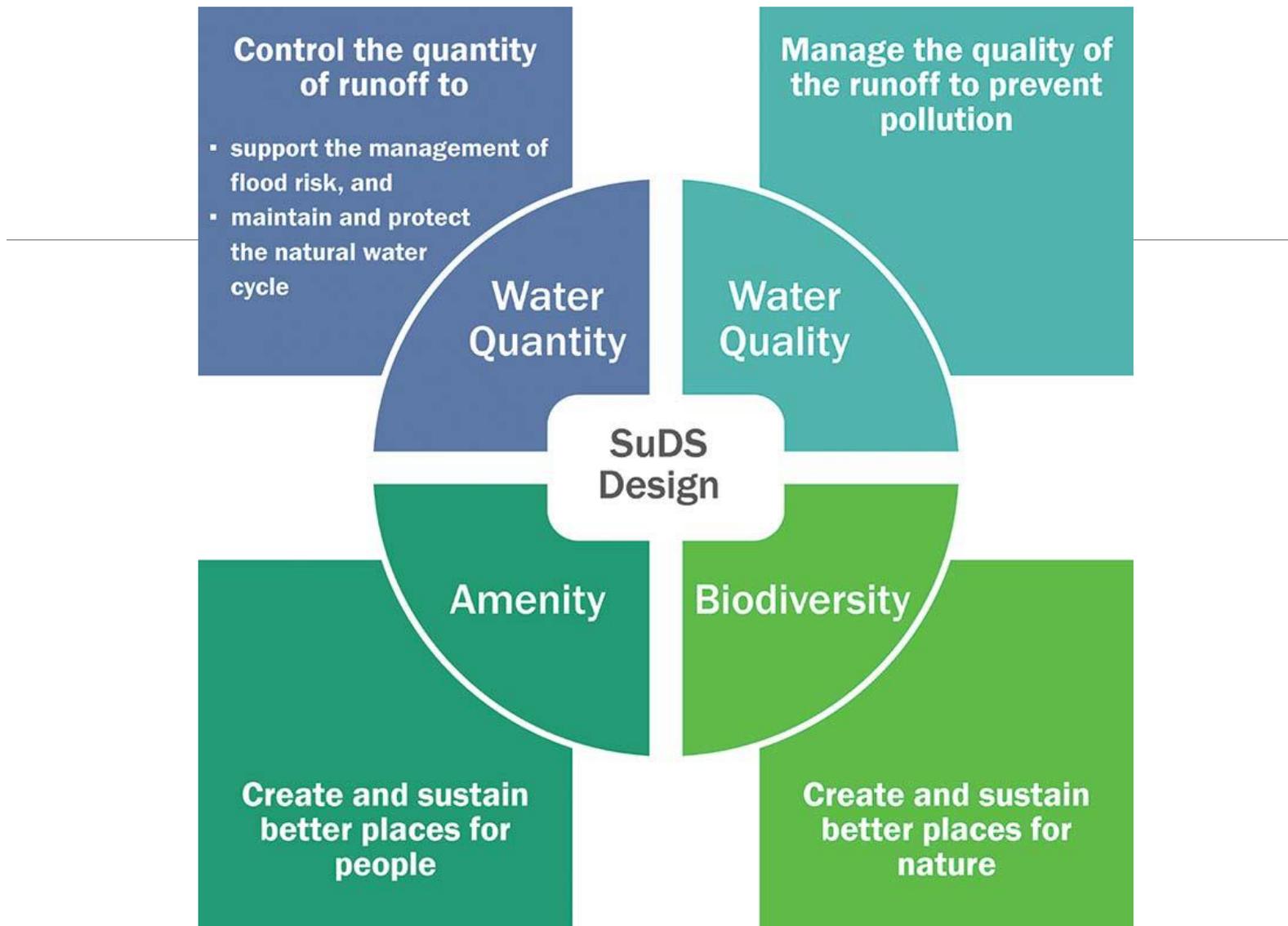


COMMUNITY ENGAGEMENT FOR (CO)-PRODUCING BLUE-GREEN INFRASTRUCTURE





<https://www.ice.org.uk/ICEDevelopmentWebPortal/media/ Disciplines-Resources/Case%20Studies/figure-3-the-four-pillars-of-suds.jpg>

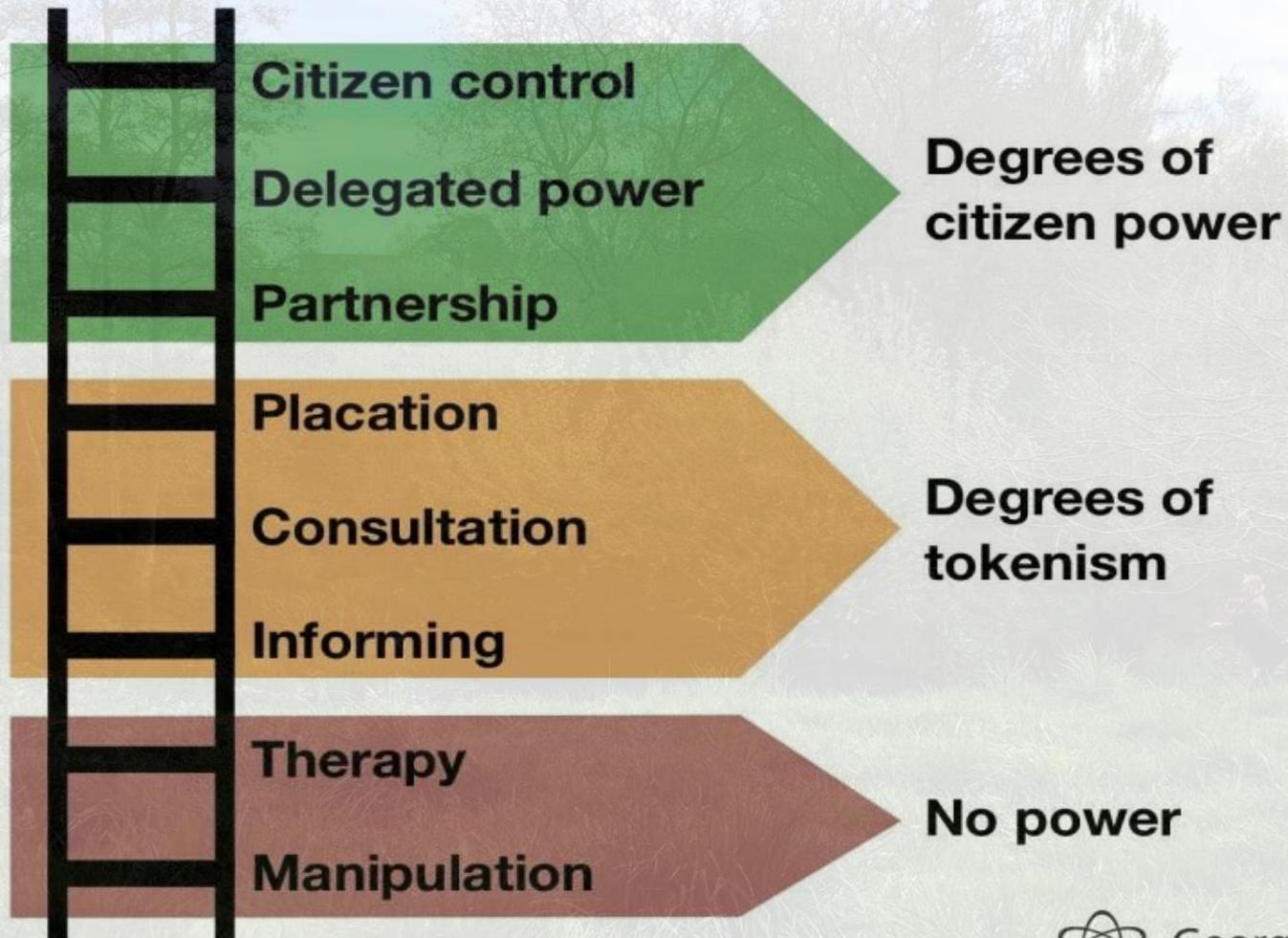


Community Services
Killingworth Lake
Be Safe!
No Swimming
No Inflatables
Danger! Thin ice when frozen
Lake for use of members only for
details telephone 0191 200 8207

Killingworth Lake, Newcastle

© Les Hall 2017

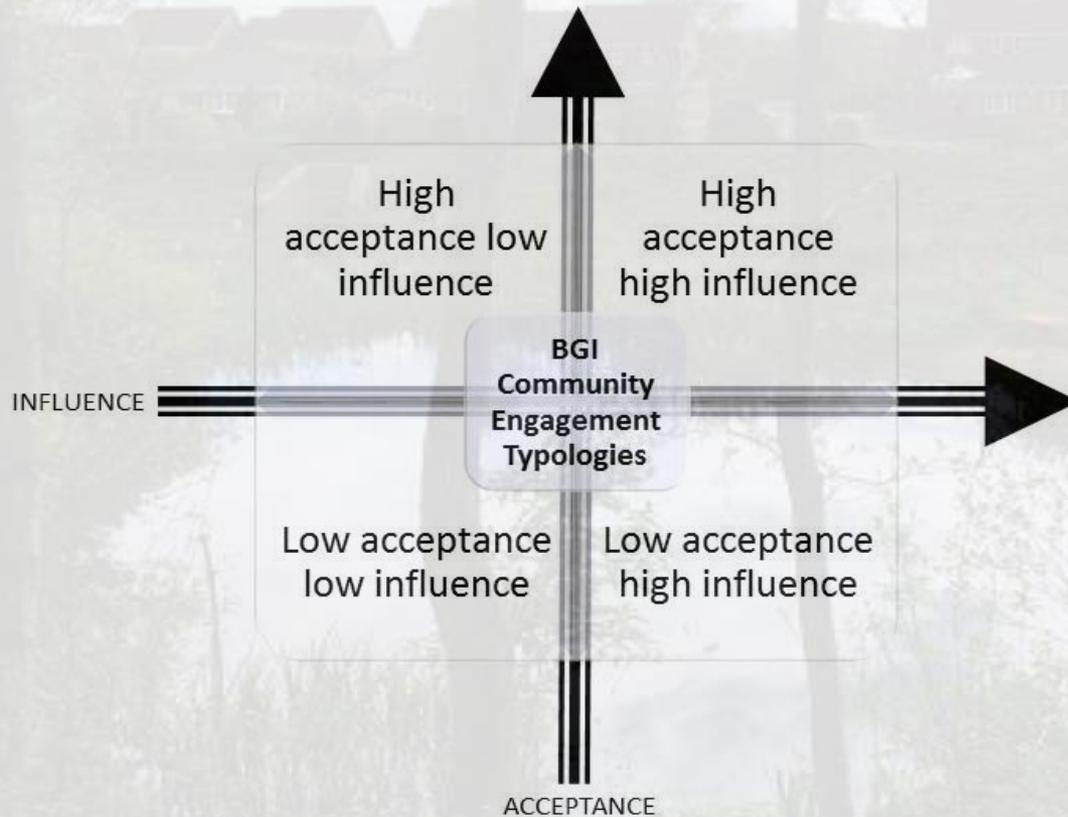
Arnstein (1969) Ladder of citizen participation

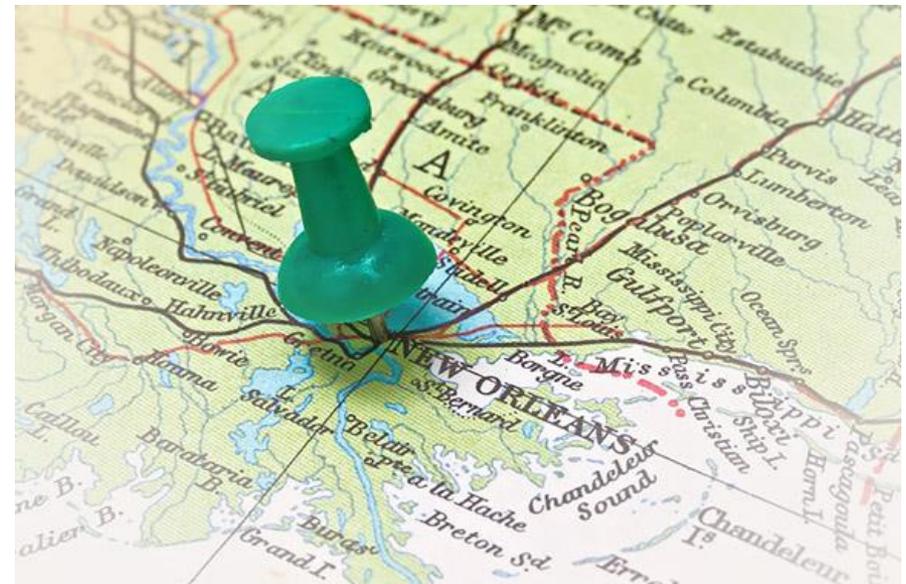
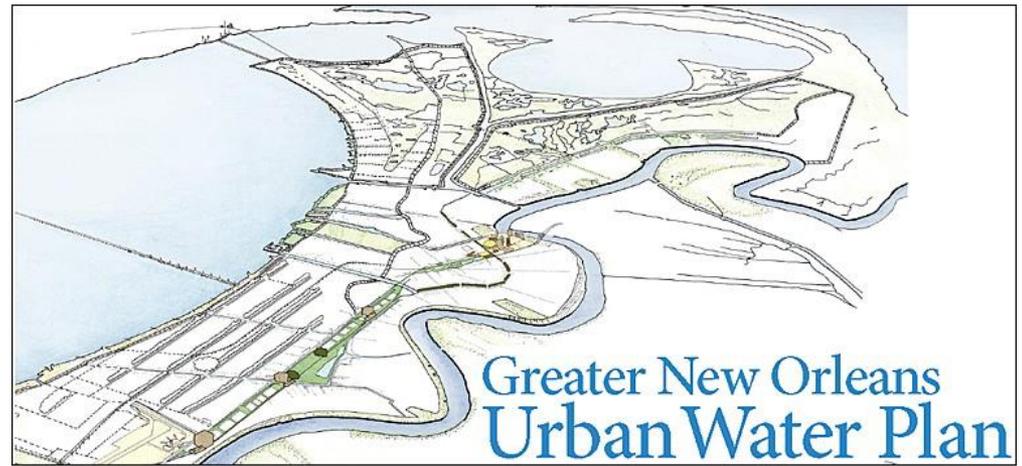


George Julian
Knowledge Transfer Consultancy

<http://www.georgejulian.co.uk/2013/01/22/social-media-and-citizen-engagement/>

A typology of BGI-CE





<https://www.adaptationclearinghouse.org/300/387/resources/New%20Orleans%20Water%20Plan.png>
<https://www.dutchwatersector.com/uploads/cache/goqv5mhp6v.jpg>
<https://qualitysitework.com/wp-content/uploads/urbanwater-neworleansplan-qsm2015.jpg>



GREENER GRANGETOWN WERDDACH



Greener Grangetown Retweeted

Martyn Evans NRW @MartynEvansNRW · 10 Feb 2018

Not even a very wet morning could dampen spirits at our first @greenergrange community planting event. Huge thanks to those who helped plant four rain gardens. Hopefully next week will be drier!



Cyfoeth Naturiol Cymru | Natural Resources Wales, Cardiff Council, ERH and 5 others

5 24

Greener Grangetown Retweeted

Ian Titherington @ianapharri · 17 Feb 2018

More planting completed by local residents for @greenergrange. Many thanks for all the help today.

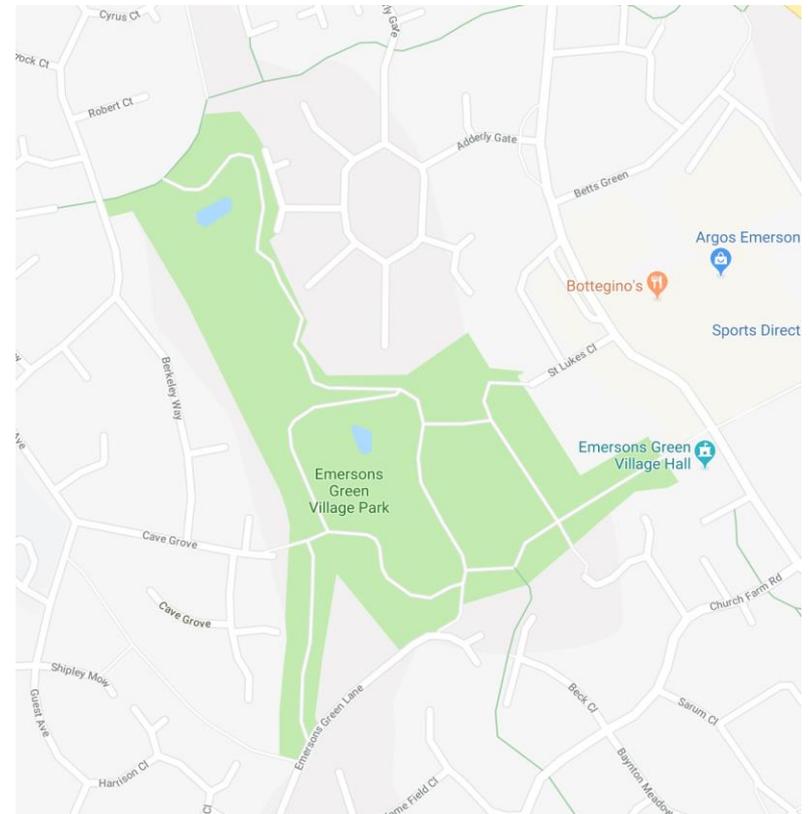
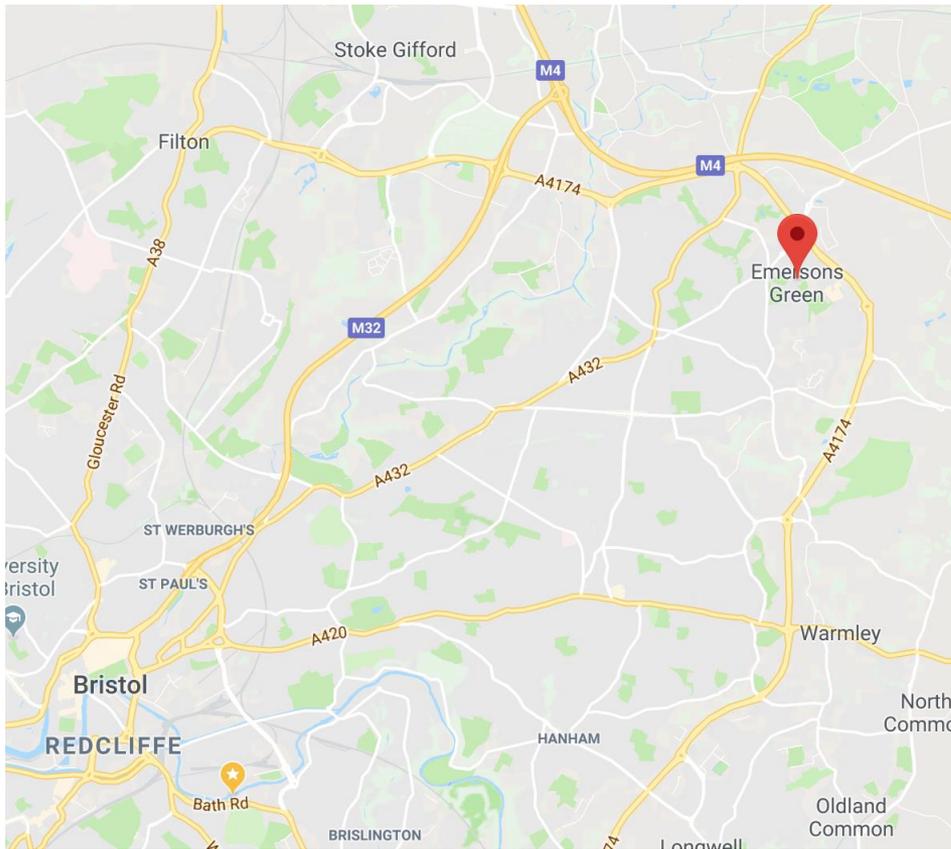
Trigolion lleol wrthi'n plannu eto. Diolch am yr help heddiw.



4 14

<https://www.arup.com/projects/greener-grangetown>
<https://greenergrangetown.wordpress.com>

1. Emersons Green, South Gloucestershire





New development – nobody to consult

© Authors 2017

Friends of Emersons Green Park

A great WordPress.com site

HOME

EMERSONS GREEN FESTIVAL OF NATURE PROGRAMME

WELCOME – WOULD YOU LIKE TO JOIN?

Welcome to our new Friends



<https://friendsofemersonsgreenpark.wordpress.com>



Voluntary clearing & litter-picking (and trollies...)

- Even started a small orchard!



© Authors 2017



Friends for Inspirational Life



A spiritual, artistic group
focussed on
improving amenity



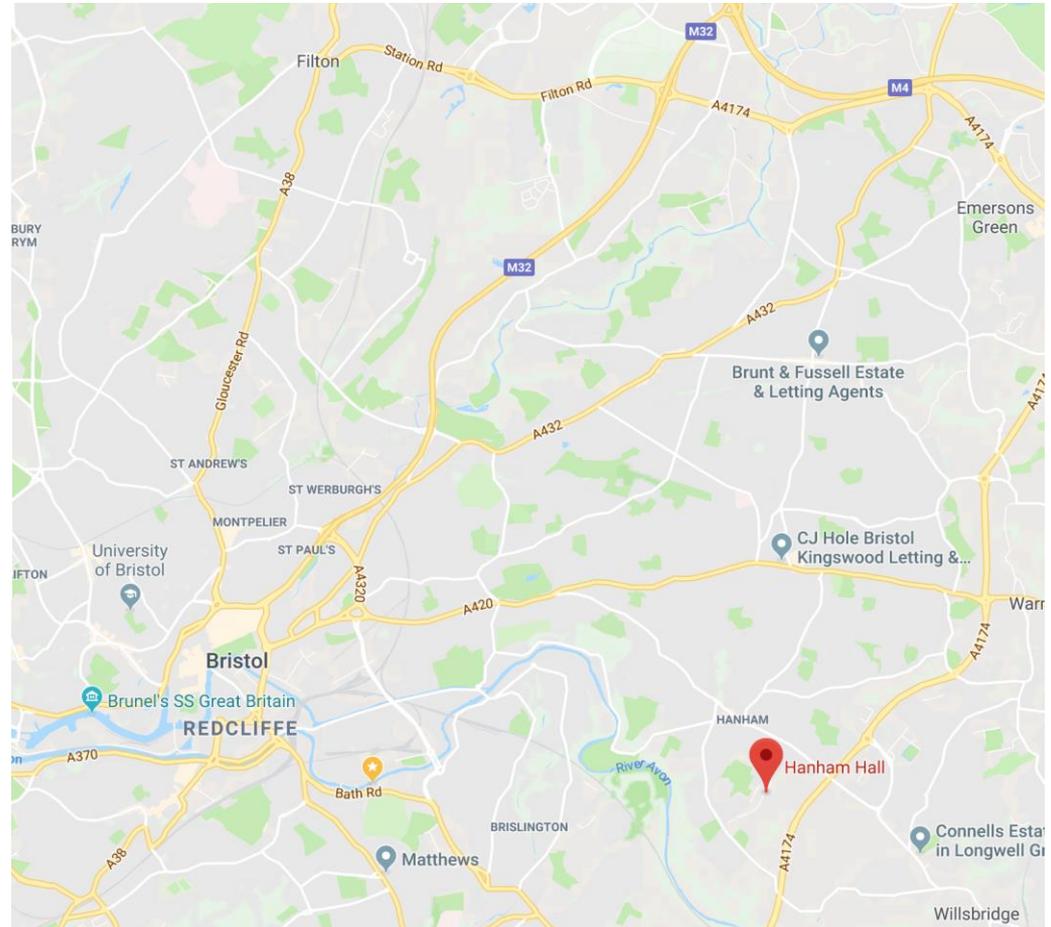
© Authors 2018

2. Hanham Hall, South Gloucestershire

Barratt wins English partnerships carbon challenge

By Mark Jansen | Fri 14 December 2007

<https://www.propertyweek.com/news/barratt-wins-english-partnerships-carbon-challenge/3102408.article>





Low-carbon housing, with retention pond, swale & rainwater harvesting

© HTA Design LLP 2019

Neighbouring communities consulted: notice-boards & feedback forms



© Avril Baker 2008

Residents Group formed: deals with occupant issues & surrounding land



Don't miss the Hanham Hall event of the year...

Summer Community Event

Saturday 16th July 2016

2pm – 8pm, on the Formal Gardens, in front of Hanham Hall

A beach theme with complementary food, a fun bouncy world, donkeys, live music and much more! See inside for further details. We hope to see all residents there.

Family Bike Ride – Sunday 12th June 2016, 11am

To celebrate national Bike Week, Hanham Hall residents are organising a family-friendly short bike ride from Hanham Hall to Grimsbury Farm along the cycle paths. The ride will be approximately 5 miles there and back, mainly on flat traffic-free trails and is suitable for all ages and abilities. Children under 18 must be supervised by an adult.

We will meet in the car park outside the Hall at 10.45am, cycle to Grimsbury Farm to see the animals and have a picnic before returning home for 2.30pm. You can take your own food to eat in the outdoor picnic area or purchase food in the café at the Farm. More information about Grimsby Farm can be found at:

www.mykingswood.co.uk/kingswood/grimsbury-farm
and www.fogf.co.uk

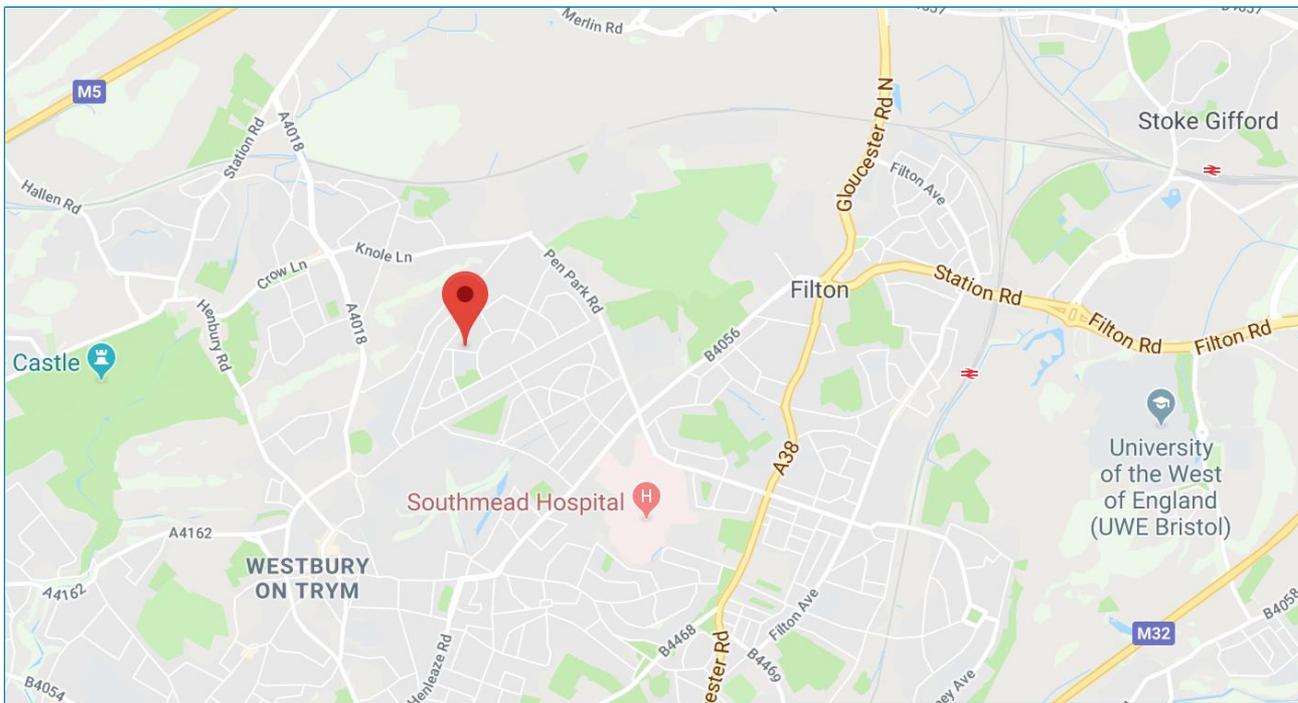


© Authors 2017



© Authors

3. Embleton Road, Bristol





Extensive Sustrans & BCC work with local residents & school





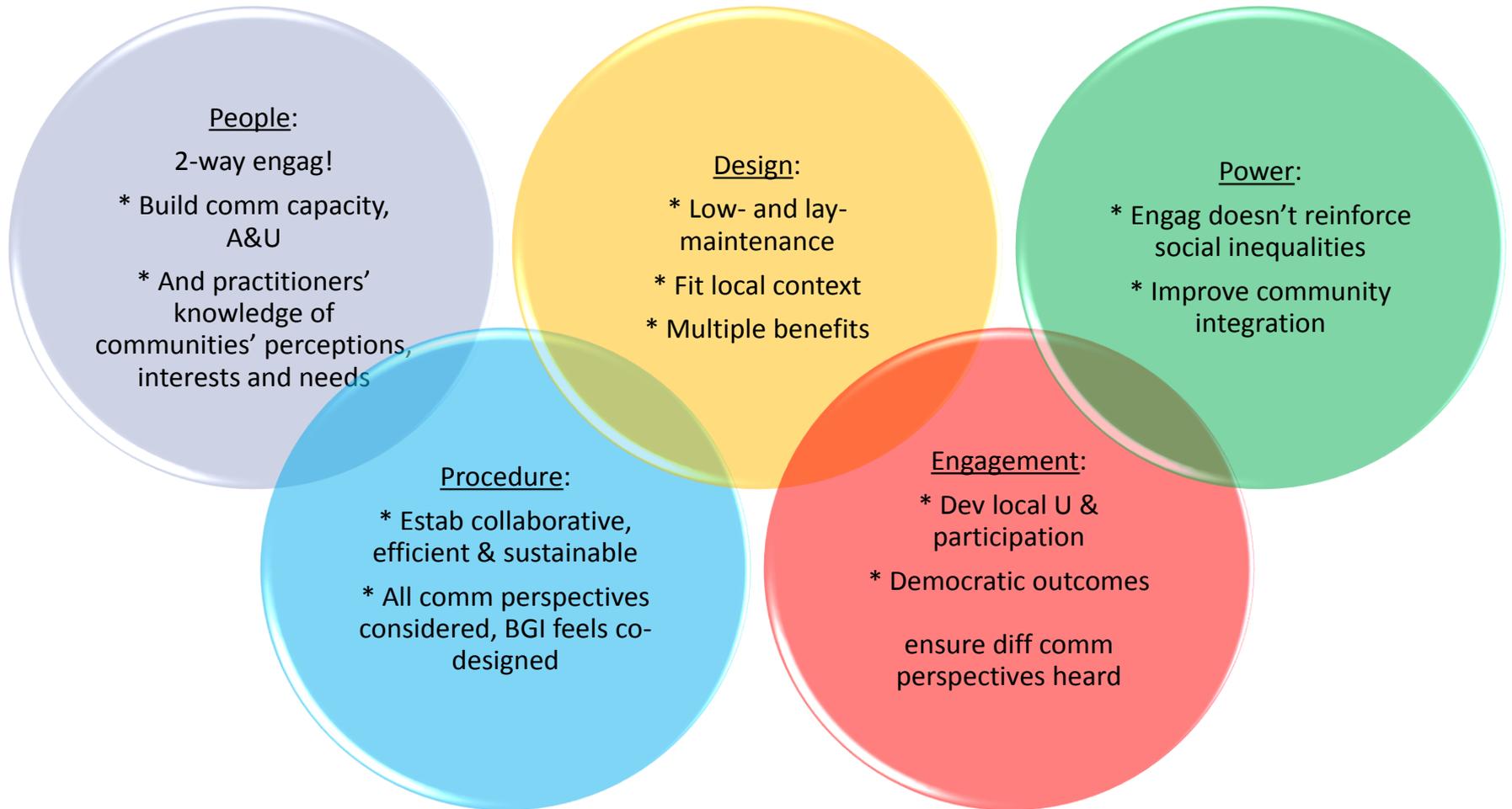
<http://bristolgreencapital.org/wp-content/uploads/2015/03/image007.jpg>



© Authors 2018



Conclusion: Take-homes



1. Sustainable Drainage Systems (SuDS) will require more *sustainable* engagement strategies
 1. People are busy
 2. People change
 3. People move on
 4. People forget

2. Longer-term, low-level engagement could help realise the celebrated Multiple Benefits of Blue-Green Infrastructure
 1. Encourage ownership
 2. Promote lay clearing & maintenance
 3. Improve functioning & appearance
 4. Increase usage & appreciation

Acknowledgement

The research presented in this presentation is being conducted as part of the Urban Flood Resilience Research Consortium with supported from:

