

Green Infrastructure as panacea: Principles, terminology and a coalition of ideas

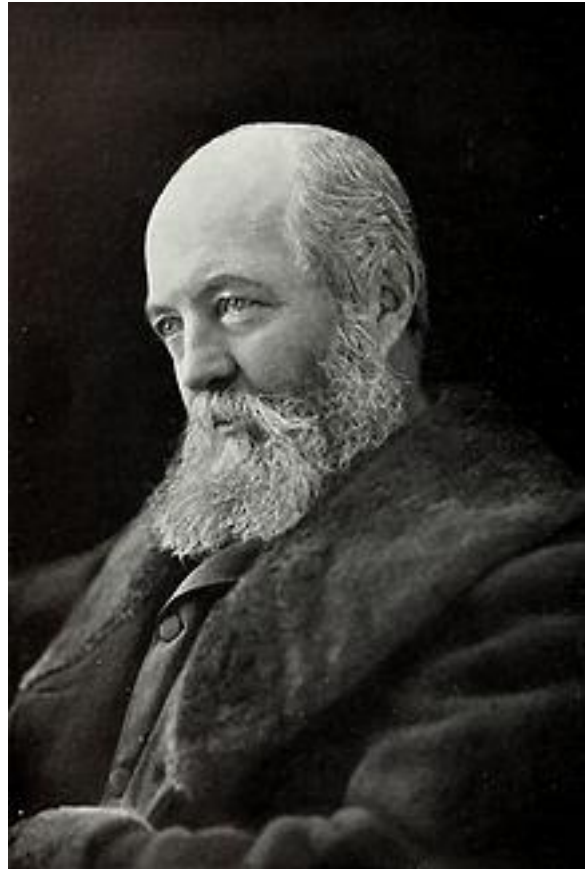
*Panacea Green Infrastructure? Multidimensional Contributions to Competitive and Livable Metropolitan Regions
16th-17th February 2017, Essen, Germany*

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Lancelot 'Capability' Brown
(1716-1783)

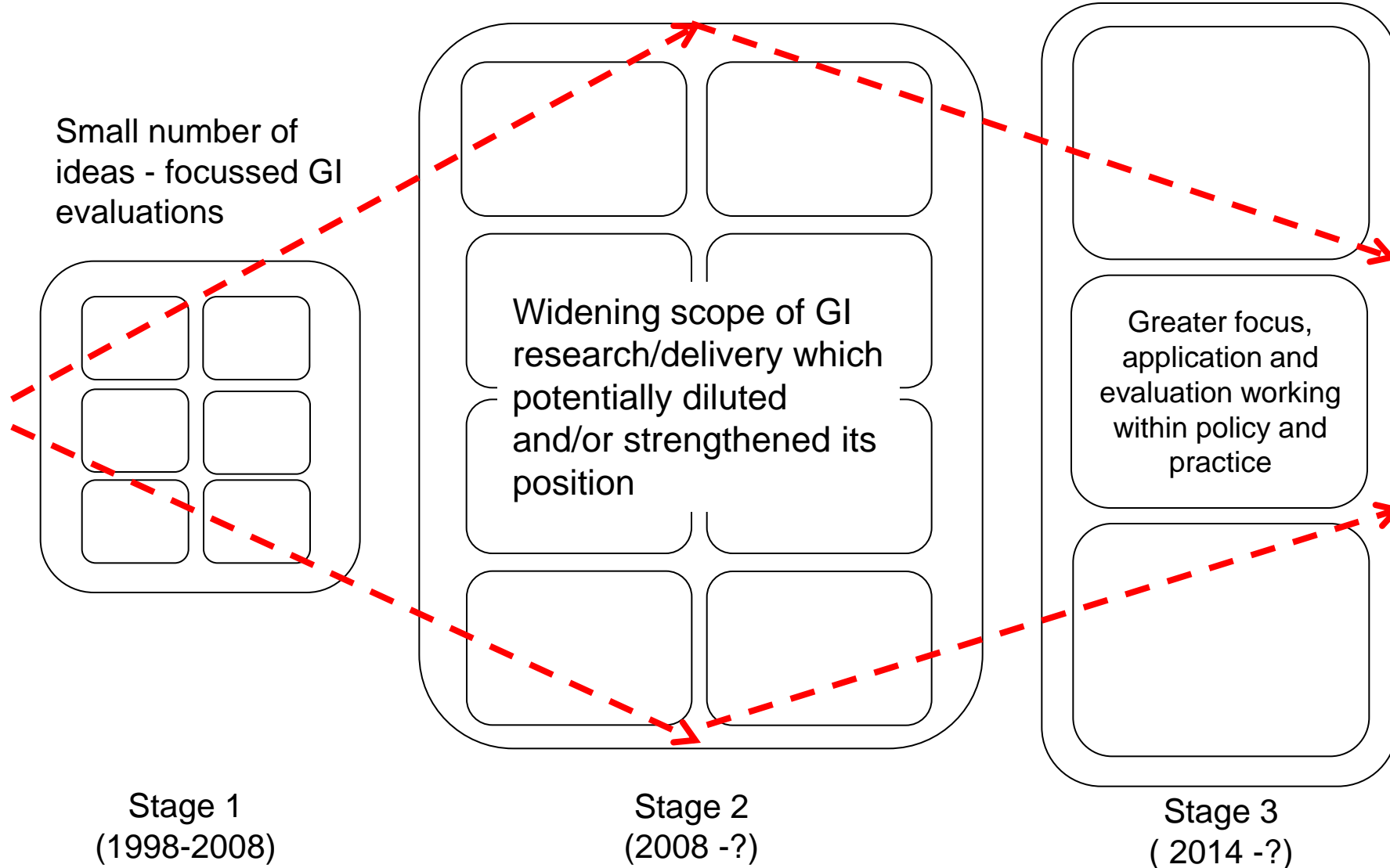


Frederick Law Olmsted
(1822-1903)



Sir Ebenezer Howard
(1850-1928)

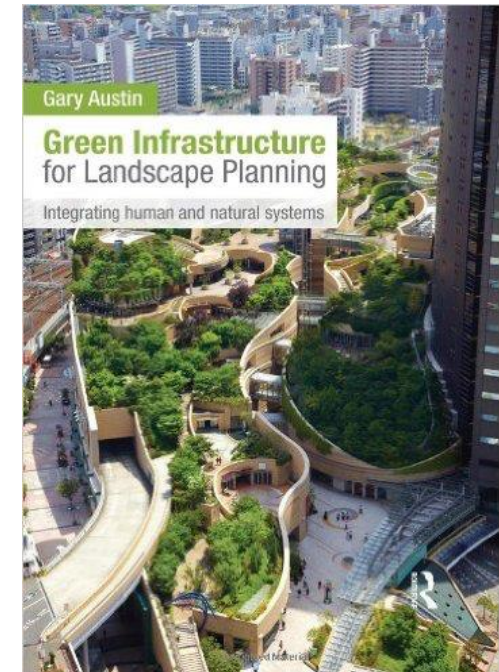
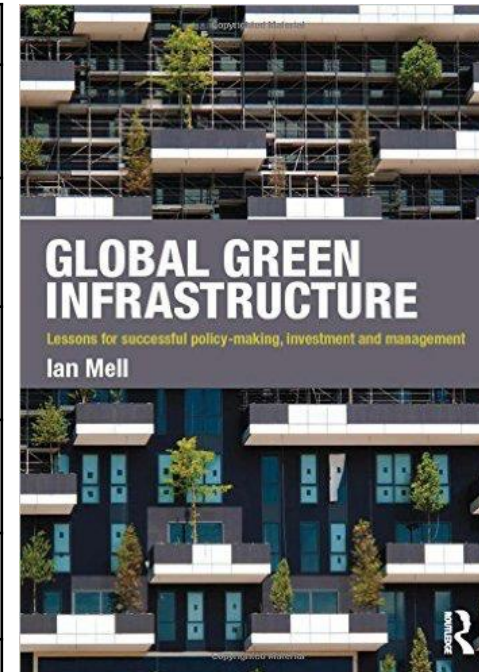
A timeline for GI Planning: scale, depth and focus

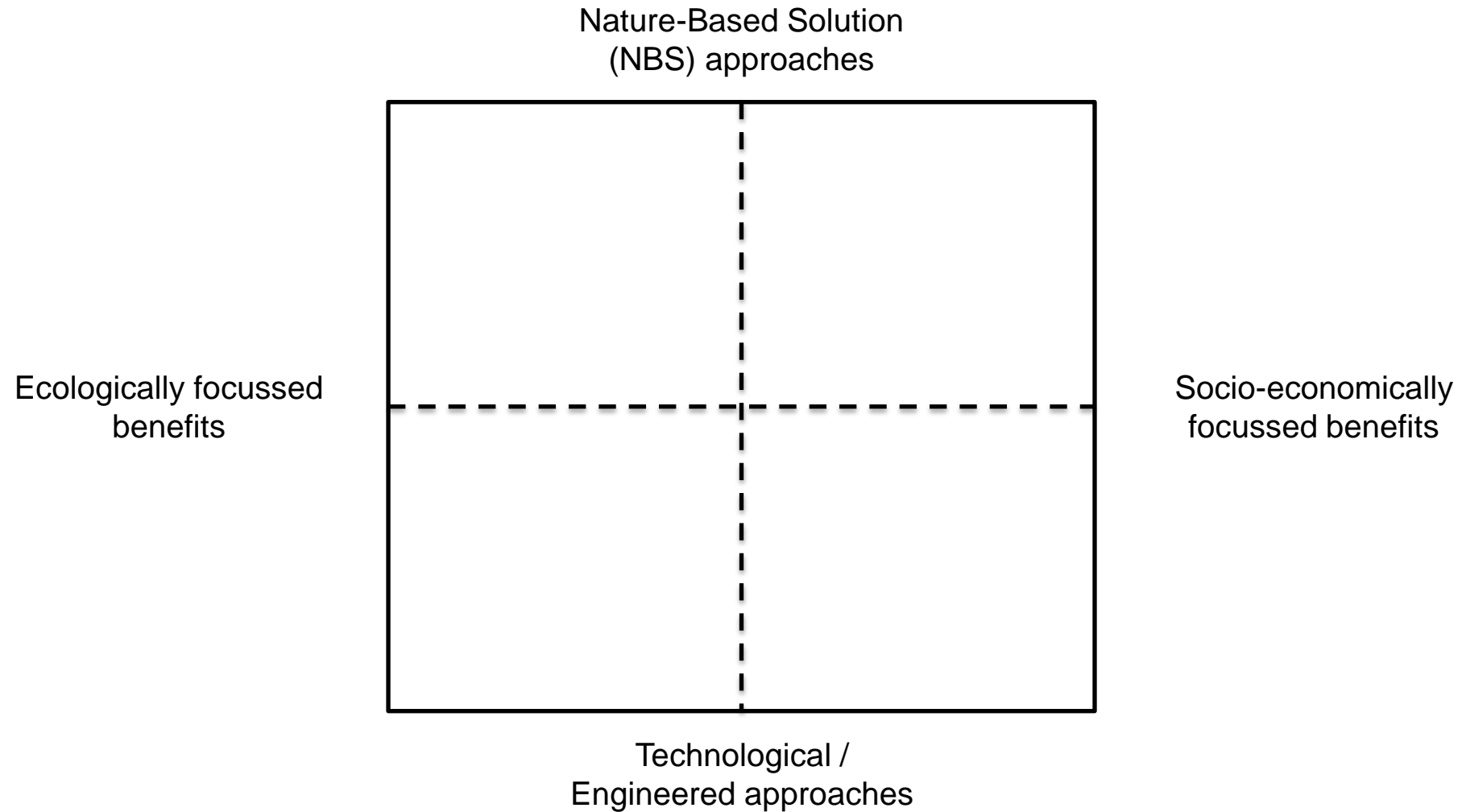


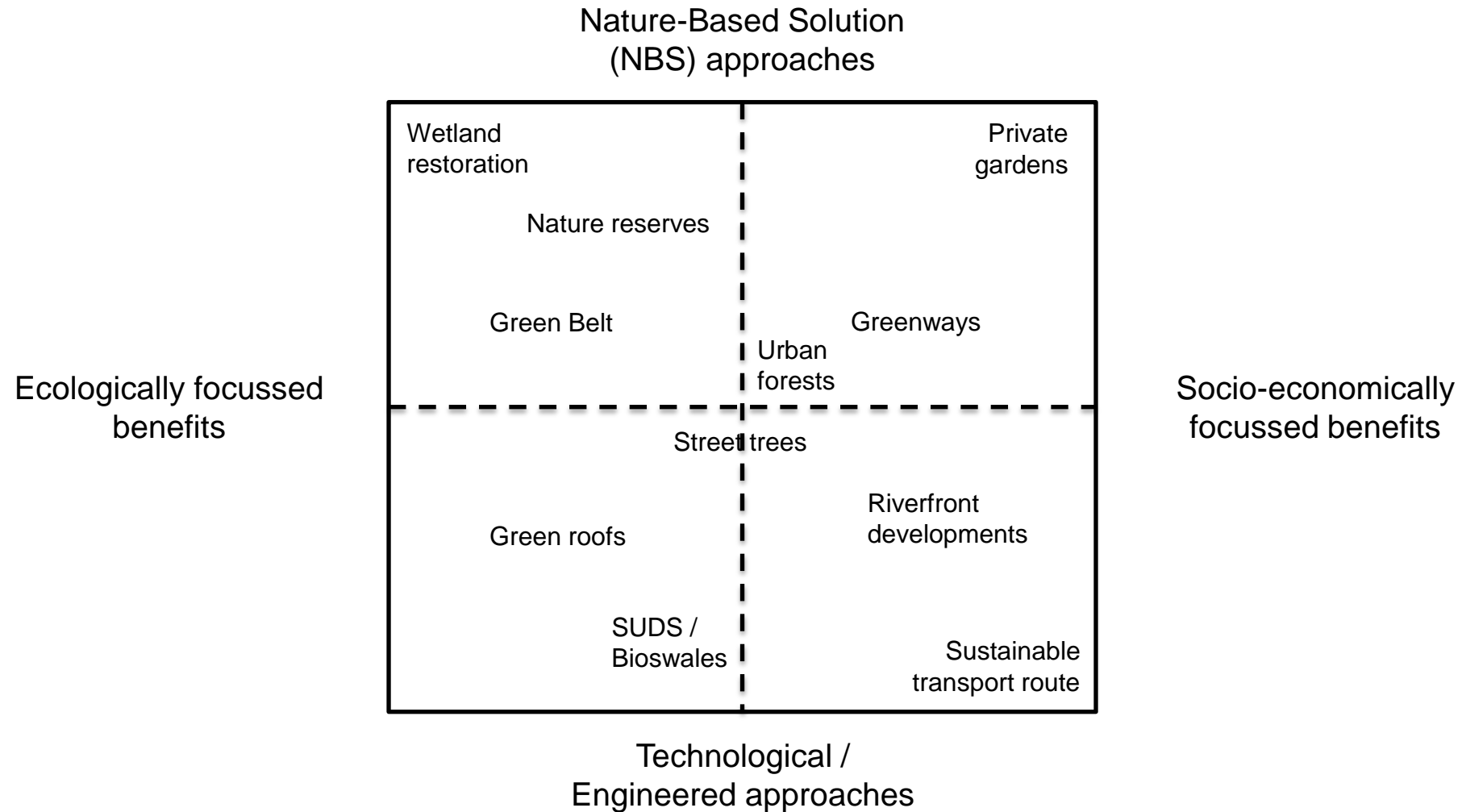
Green Infrastructure: a rapid history



	Timeframe	Key principles
Greenways	Late 1800's onwards	Linearity, connectivity, access to nature, recreation, economic/property uplift,
Garden Cities	Late 1800s - early 1900's onwards	Compact development, localised amenities, access to nature, socio-economic-ecological links to landscape, town & country
Landscape Ecology	1950/60s onwards	Networks, connectivity, scaled investment and linkages, links-hubs-nodes, supportive systems
Social inclusion	1980s onwards	Use of GI as a communal hub, access to green and open space, control of crime-education-health, social interactions
Urban Sustainability	1990's onwards	Flood mitigation, climate change adaptation, biodiversity and conservation, aesthetic qualities, social interaction with nature
Ecosystem Services	2000s onwards	Supporting, regulating, provisioning and cultural services, networks, connectivity, links to nature







Are we doing enough to
understand and protect GI
resources from development?





Are all green spaces or GI resources the same and are they treated/managed in the same way?

Do we need to take the development context into account when deciding whether investment in GI is appropriate?

THE CONVERSATION

Academic rigour, journalistic flair

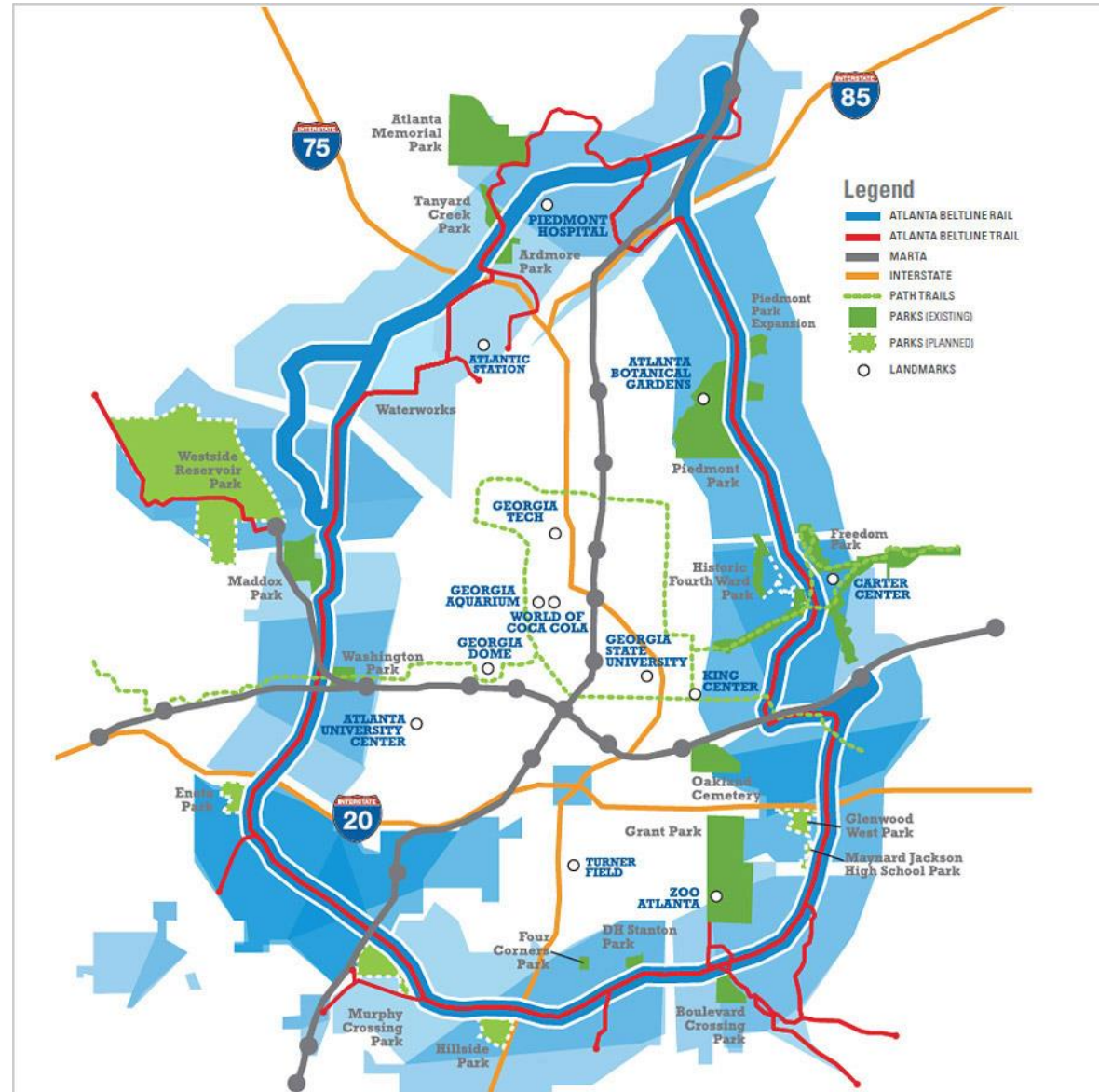
Arts + Culture Business + Economy Education **Environment + Energy** Health + Medicine Politics + Society Science + Technology Brexit



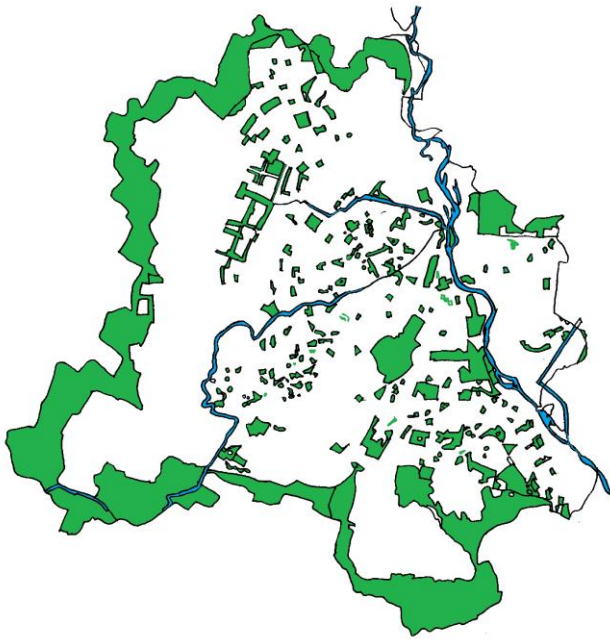
London's Garden Bridge: city-centre haven or a bridge too far?

October 14, 2016 12.15pm BST

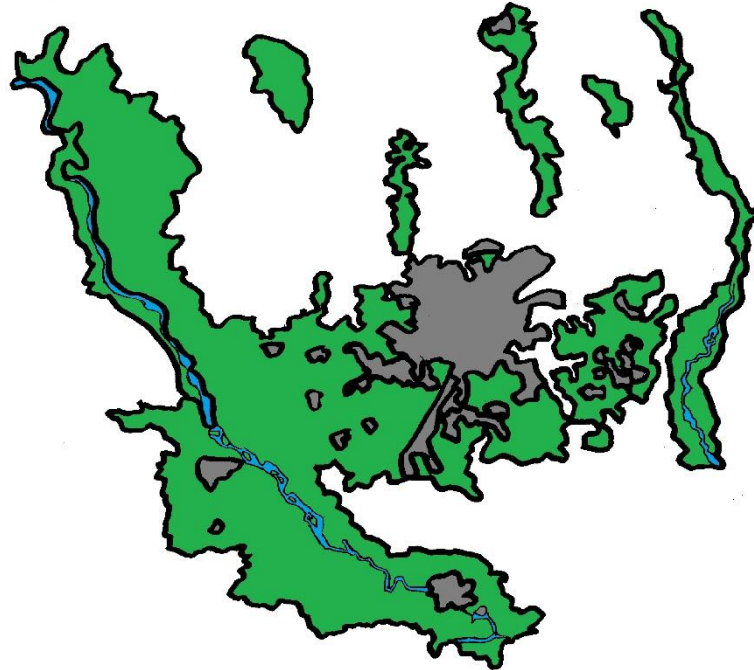
Are P-P-P projects like the Atlanta Beltline the future of financing and revitalising disused or undervalued landscapes?



How can we *interpret*, *value* and *manage* a wide ranging set of GI resources in our urban, urban-fringe and rural areas?



New Delhi GI network



Milan GI network



London GI network (excluding GB)

How do we manage political rhetoric, development objectives and community responses to changes in GI?

1000's of people across Liverpool are fighting Labour's "Great Park Sell-Off"



Labour proudly selling off our Green Spaces

UNBELIEVABLE: How Labour Councillors congratulated Joe Anderson's plan to sell a riding stables for disabled children to developers!

"This Council welcomes the initiative shown by the Mayor to free up the land on Harthill Road currently occupied by Beechley Stables, Calder Kids and the Miniature Railway to support a housing development scheme"

Labour motion at Liverpool's Council Meeting on 11th November congratulating Mayor Anderson

REVEALED: Calderstones railway faces axe in luxury housing plan

A Beeching-style axe will fall on Liverpool's "children's railway" under plans proposed by Mayor Joe Anderson

"Yes, we are going to build houses on there... This is a no-brainer!"

Joe Anderson

Newsham Park

Tuebrook Lib Dem campaigner Jerry Lonsdale who lives next to Newsham Park says, "We need urgently to look at how Newsham Park will be run if, as the Mayor claims, there will be no money to look after it after next year"

"None of the local councillors have called meetings with local residents to discuss this, so I have!" said Jerry Lonsdale.

Score Lane Gardens - Childwall

Childwall Lib Dem campaigner Pat Moloney has attended meetings with local residents to look at the future of Score Lane Gardens.

"With the Mayor claiming there will be NO money to pay for the upkeep of parks from next year we must all work together to find ways of preserving out green spaces," says Pat Moloney.

Sefton Park Meadows to be sold for "Luxury Villas"

Campaigners are fighting plans that could see up to 100 houses build on the council owned former MANWEB playing field.

SAVE SEFTON PARK MEADOWS

SaveSeftonParkMeadows.org

Labour are trying to sell the meadowlands of Sefton Park to Redrow Homes - destroying this eleven acre green space to build just FIFTEEN "Luxury Villas."

Almost 8,000 people have signed up to help fight against Labour's sell off plans.

Liberal Democrat campaigners Paul Childs (Mossley Hill) and Joe Harmer (Greenbank) have been working with the community and alongside Richard Kemp for the past three years to oppose the sale of this important piece of land.

"When Labour in Liverpool look at a piece of green space they see only its commercial value. We see the community and health values of land like this," says Paul Childs.

Walton Hall Park - Up to 80% of the park to be given away

Campaigners warn that Labour's plan to GIVE AWAY Liverpool's 3rd largest park to Everton Football Club to build a new stadium would, "rip the heart out of the local community in Walton".

Up to 80% of the park could be lost to the stadium and a retail park under Everton FC's plans, which are being supported by Labour Councillors and Mayor Anderson.

Richard Kemp together with local Lib Dem campaigners Graham Seddon (in Fazakerley) and Richard Roberts (in Warbreck) are backing the more than 4000 local residents who are fighting to save Walton Hall Park from the developers and preserve this vital green space for our community.

18 Acres of Calderstones FOR SALE

"News that 18 acres of Calderstones Park are to be sold to a property developer for luxury housing has outraged local people", says Lib Dem campaigner Andrew Makinson.

Andrew Makinson & the local Liberal Democrats are leading the fight against Labour's plan which includes the disabled riding centre at Beechley Stables and a children's miniature railway, run by volunteers since 1943.

Amazingly, Labour councillors who represent the area around this park voted to congratulate Joe Anderson for his sell off plans.

In a bullying tactic, the Labour Council has even implied legal action could be taken against campaigners for informing residents & park users about Labour's plans to sell green space

Good news & bad news: A £2 Million lottery grant will kick start plans by The Reader Organisation's to refurbish the Mansion House and build a new home to display the historic "Calderstones" but ...

Labour plan to sell 18 acres of Calderstones

- Beechley stables & paddocks
- Calder Kids Adventure Playground
- Harthill depot & Model Railway

Woolton Woods FOR SALE

Over 6000 people joined the campaign to stop Labour building on parts of Woolton Woods, supported by Lib Dem campaigners Malcolm Kelly (Woolton) & Mirna Juarez, (Allerton).

Malcolm Kelly, who chaired the campaign said, "Part of this historic Woodland will be lost forever, because Labour won't listen to our community."

Woolton Golf Course

Woolton Campaigner Malcolm Kelly and Mirna Juarez (Allerton & Hunts Cross) are committed to a long-haul fight to stop the redevelopment of the Woolton Golf Club site.

"This green space is a vital part of the attractiveness of our area, and it's sale for housing would be a traffic nightmare on local roads," say Malcolm and Mirna.

Liberal Democrat campaigners leading the fight to stop Labour selling off our parks

Liverpool's historic parks and green spaces have never been more under threat.

The long running battle over Sefton Park's meadowlands are well known, with Labour Mayor Joe Anderson determined to push ahead with a deal to sell off this green space for luxury villas.

Since then the Labour Council has placed a "For Sale" sign on 18 acres around Calderstones Park, including the popular Beechley Stables riding centre for disabled children.

Perhaps most shockingly, up to 80% of the historic 130 acre Walton Hall Park could be given away to create a retail park and give Everton Football Club a new home.

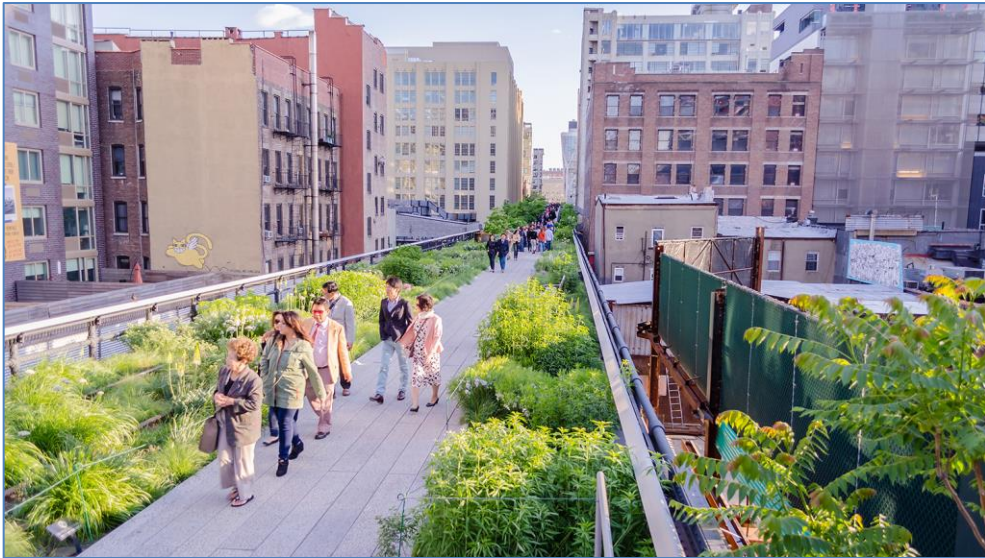
1000's of residents have joined campaign groups to fight these plans, but one man has emerged as the voice of the citywide campaign to save our parks - Lib Dem Leader Richard Kemp - who has vowed to halt Labour's green space sell off if he becomes Mayor of Liverpool on May 5th.

"I'll stop Labour's sales of our parks & green spaces," Pledges Lib Dem candidate for Mayor Richard Kemp

Find out more at: www.richardkemp.org.uk @Liverlibdems facebook.com/RichardKempforLiverpool

CITY OF BOSTON - PARK DEPARTMENT -
 PHILIP HENNINGSEN, FRANCIS A. WALKER, CHARLES F. SPRAGUE, COMMISSIONERS
 PLAN OF PORTION OF
 PARK SYSTEM
 COMMON TO FRANKLIN PARK
 INCLUDING
 CHARLES RIVER BASIN, CHARLES BANK, COMMON WALTH AVENUE,
 BACK BAY FENS, MUDDY RIVER IMPROVEMENT, LEVERETT PARK,
 JAMAICA PARK, ARBORWAY AND ARNOLD ARBORETUM.
 SCALES

What does successful GI intervention look like?



The High Line, New York



Landschaftspark, Duisburg-Nord

What does inappropriate GI intervention look like?



Sabarmati Riverfront redevelopment, Ahmedabad, India



Contested play area and park redevelopment in Ely Country Park, Cambridge, UK

What economic value do parks or other GI have and can these be defined as a quantifiable equation?



$$WTP = \frac{(L + T + PG + SE)}{(R/T + BI)}$$

Positive influences:

WTP: Willingness to Pay

L: Location

T: (GI) Treatment

PG: Perceived greenness

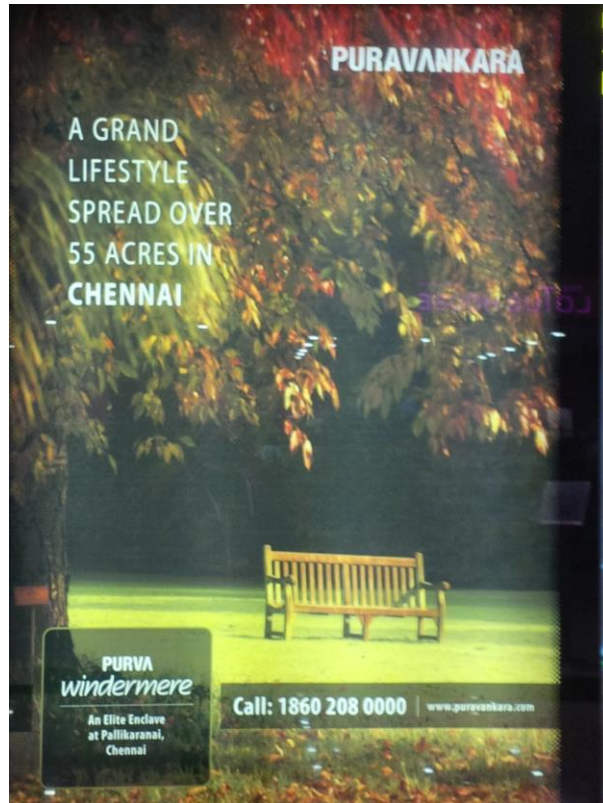
SE: Socio-economic variables

Negative influences:

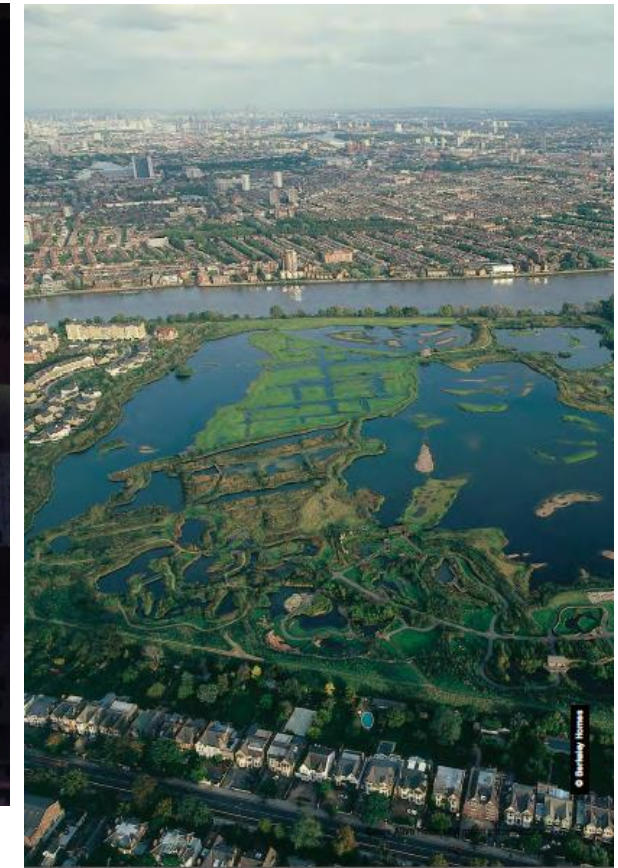
R/T: Existing
rent/mortgage/taxes

BI: Existing built
infrastructure

How can we manage spaces with different political, socio-economic and ecological value at different scales and *still* deliver sustainable and multi-functional places?



Millennium Park, Chicago



London Wetlands Centre, London

What next for GI planning?

- Bigger, bolder, better...
- ES/NBS and natural/ecological innovation
- Increased/more visible advocacy from central government to support sub-national policy/implementation/engagement
- More proactive action from stakeholders using GI meeting changes in climatic/social/economic needs and aspirations
- Engagement with key issues within planning: health, well-being, climate change, economic growth growth, water management and urban design
- Funding, funding, funding...