



# Where next for green infrastructure in NW England.

31<sup>st</sup> October 2012

Martin Moss. Natural England. Senior Advisor – Land Use (Green Infrastructure)

# The Past

- Regional Spatial Strategy legacy.
- Sub-Regional GI Frameworks.
- High level spatial evidence base, direction of travel and strategic spatial framework.
- Abolition of RSS.
- Sub-regional Frameworks – non-statutory advice.

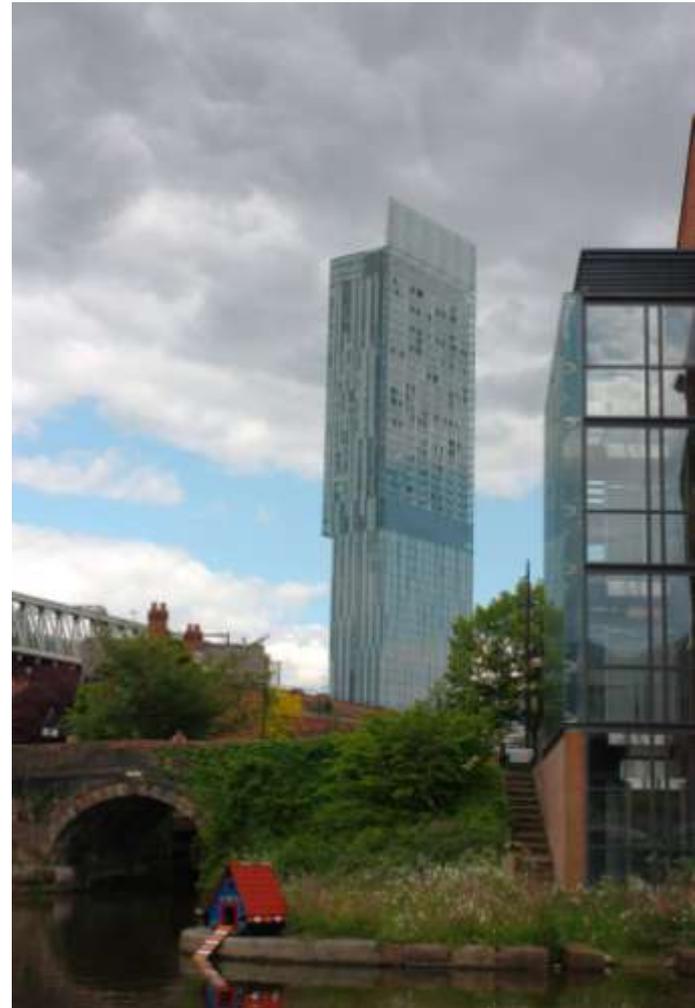


## The Present.

- The emergence of;
- National Planning Policy Framework.
- New Local Plans.
- Local Nature Partnerships.
- Local Economic Partnerships.
- But new governance structures are still bedding in – early days.
- Section 114
- Local planning authorities should set out a strategic approach in their Local Plans, planning positively for the creation, protection, enhancement and management of networks of biodiversity and green infrastructure.

## The Future.

- Is always dangerous to predict !
- What are the likely policy drivers?
- How will these affect GI delivery?
- Who will pay?



## Likely Policy Drivers.

- Climate Change Adaptation.
- Water management and flood risk.
- The push for growth – new places, better old ones, a new context for the Natural Economy.
- Repairing and preparing the environment – ecosystem services and ecological networks.
- Health and wellbeing – our natural health service.



## How will these affect GI delivery.

- They will drive spatial delivery – align with needs of the driver.
- They will affect the sorts of “interventions” – fit to purpose.
- May offer new funding possibilities – but the customer will want a say on what and where.



## Who pays ?

- Health commissioning and public health.
- PES schemes.
- Biodiversity Offsets.
- S106 / CIL.
- Growth driven funding, such as in Atlantic Gateway.
- RDPE – future role?
  
- Much interest in “alignment” of resources – but how?
- Total Environment approaches. More with less?



**We cannot predict the future.  
But there's nothing wrong with  
a little aspiration !**



## **Salford Now**



## **Salford Future ?**



# Green Infrastructure in Wales

- An update.

Pete Frost, Senior Urban Officer  
Countryside Council for Wales

# Policies



ngor Cefn Gwlad Cymru  
tryside Council for Wales



Llywodraeth Cynullad Cymru  
Welsh Assembly Government

[www.cymru.gov.uk](http://www.cymru.gov.uk)



Welsh Assembly Government

## Consultation Document

A Living Wales – a new framework  
for our environment, our countryside  
and our seas

Date of issue: 15 September 2010  
Responses by 31 December 2010



Noddir gan  
**Lywodraeth Cymru**  
Sponsored by  
**Welsh Government**

Creation

This involves major changes to the way we deliver our services. This will be a major change to the way we deliver our services. This will be a major change to the way we deliver our services.

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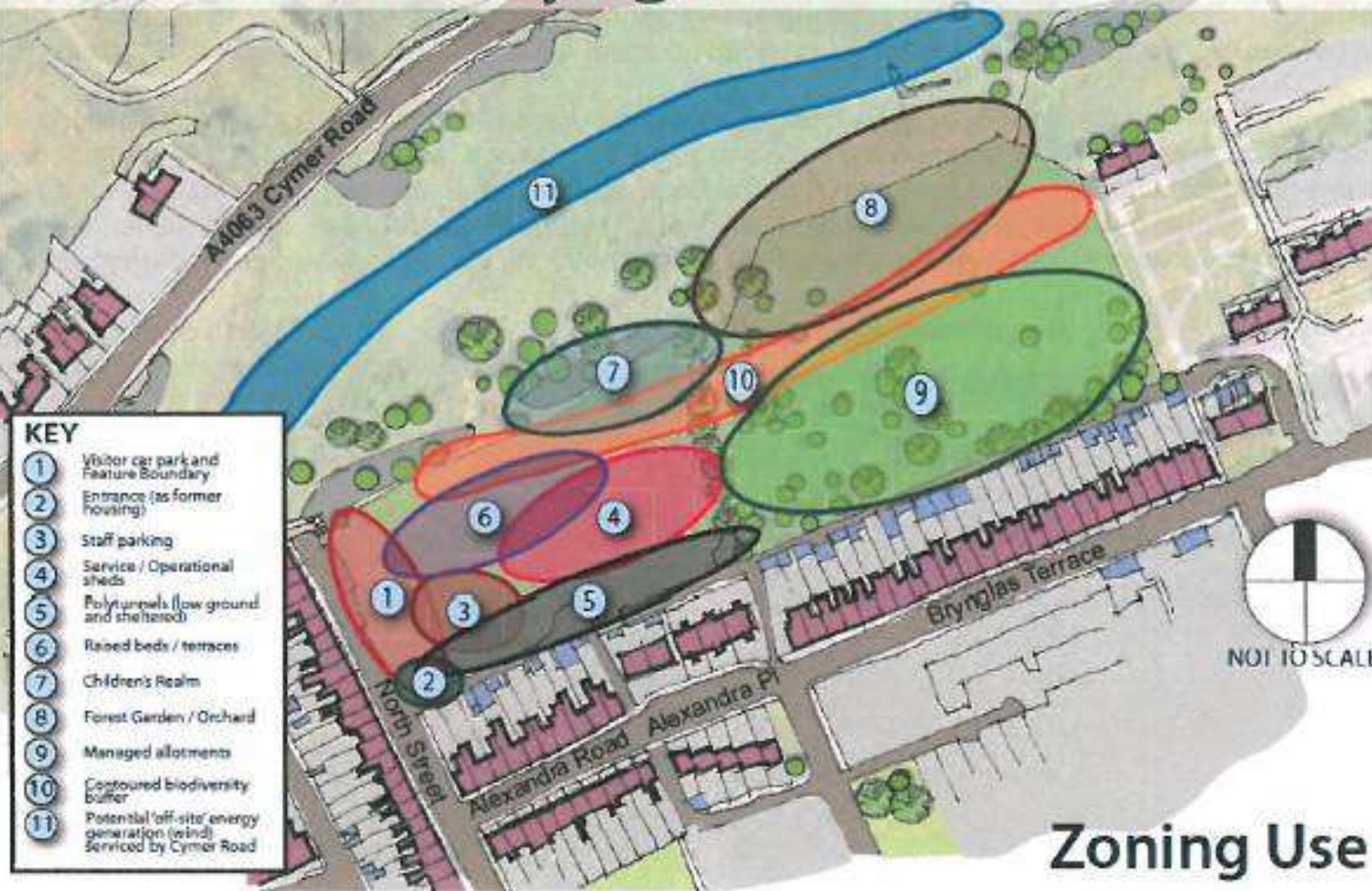
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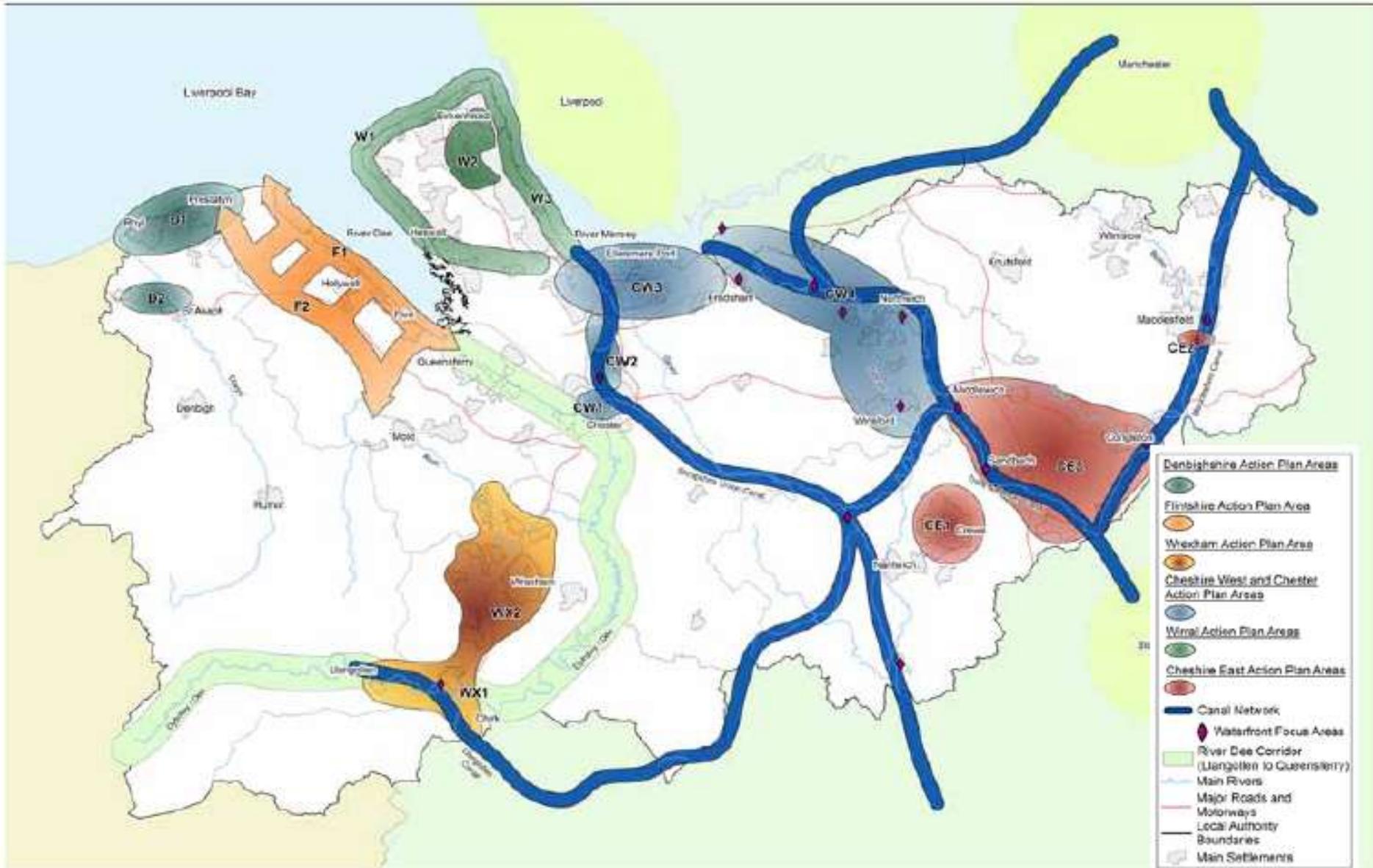
# Caerau and Brynglas Market Garden



- KEY**
- 1 Visitor car park and Feature Boundary
  - 2 Entrance (as former housing)
  - 3 Staff parking
  - 4 Service / Operational sheds
  - 5 Polytunnels (low ground and sheltered)
  - 6 Raised beds / terraces
  - 7 Children's Realm
  - 8 Forest Garden / Orchard
  - 9 Managed allotments
  - 10 Contoured biodiversity buffer
  - 11 Potential 'off-site' energy generation (wind) serviced by Cymer Road

**Zoning Use**

# Green Infrastructure Framework - Action Plan Areas





# Conclusion



- A lot of good things happening
- Little coordination
- Strategic approach required:
  - What is needed
  - For what purpose
  - What to we actually have
  - Where are the gaps
  - What are our options





# Total Environment Weaver Valley

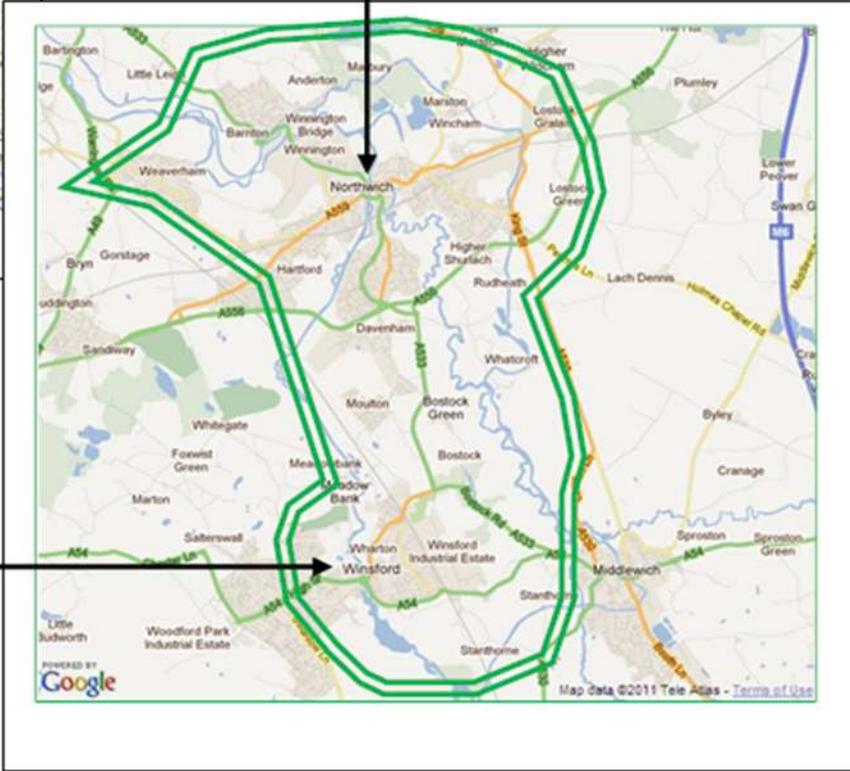
Jane Staley

C&W GI Partnership

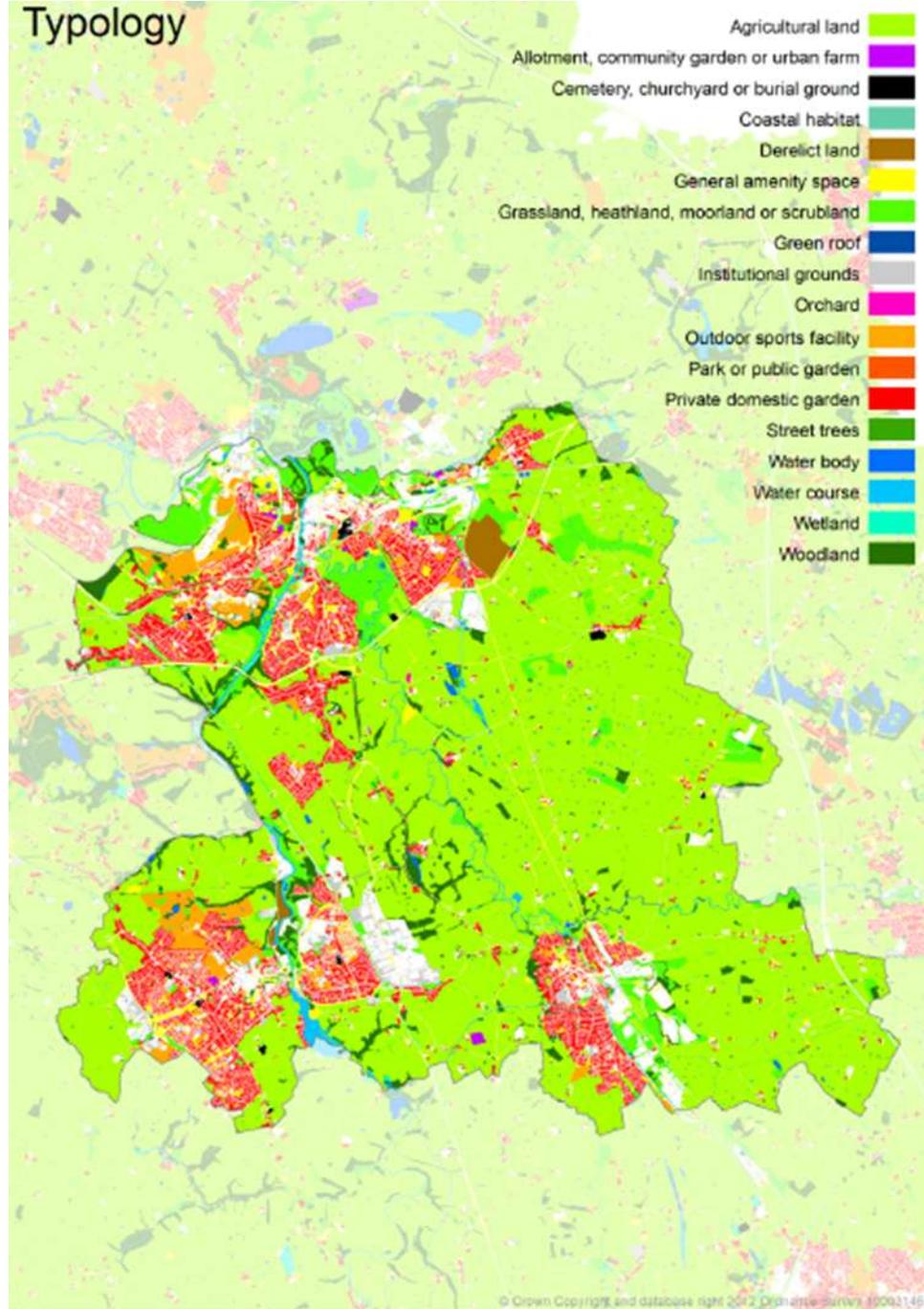


Northwich

Winsford



# Typology



- How can GI help
  - Improve Health and Wellbeing
  - Manage water
  - Provide energy

# In the Weaver Valley?

# Natural Health Service



# Super Suds



# Wood Allotments



Own a wood stove?



Want to get logs locally?



Happy to cut the wood yourself?

Wood allotments could be right up your street.

# Can we do it?

## THE FIVE-POINT PLAN FOR GI IN THE WEAVER VALLEY



### 1. THINK GI

INTEGRATE GI INTO EVERYTHING YOU DO. BE PROACTIVE. MAKE GI WORK FOR YOU.



### 2. SHOUT IT OUT

COMMUNICATE WHAT YOU'RE DOING, WHY YOU'RE DOING IT AND ENCOURAGE OTHERS TO THINK ABOUT GI TOO.



### 3. LEAD THE WAY

THE WEAVER VALLEY IS A NATIONAL PILOT AREA FOR GI. WHERE WE LEAD OTHERS WILL FOLLOW.



### 4. RESOURCE IT

TO REALLY WORK, GI NEEDS RESOURCES. DEDICATE SOME TIME AND BUDGET AND YOU WILL REAP THE BENEFITS.



### 5. CHAMPIONS!

ALLOCATE A GI CHAMPION SO THERE IS ALWAYS SOMEONE THINKING 'GI' NO MATTER WHAT YOU DO.

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## WE HAVE TO MOVE SWIFTLY.

NEW DEVELOPMENT SHOULD INCORPORATE GI AS EARLY AS POSSIBLE IN THE PLANNING PROCESS SO AS TO ENABLE EFFECTIVE JOINING UP OF RESOURCES AND IDEAS. IN BARON'S QUAY, THE MARINA, CULTURAL CENTRE AND LION SALT WORKS WE HAVE AN OPPORTUNITY TO TRANSFORM THE WEAVER VALLEY AND THE ECONOMIC PERFORMANCE OF THE AREA.



# Flintshire Green Infrastructure

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Mapping, Quantifying and Measuring the Resource

# The County of Flintshire



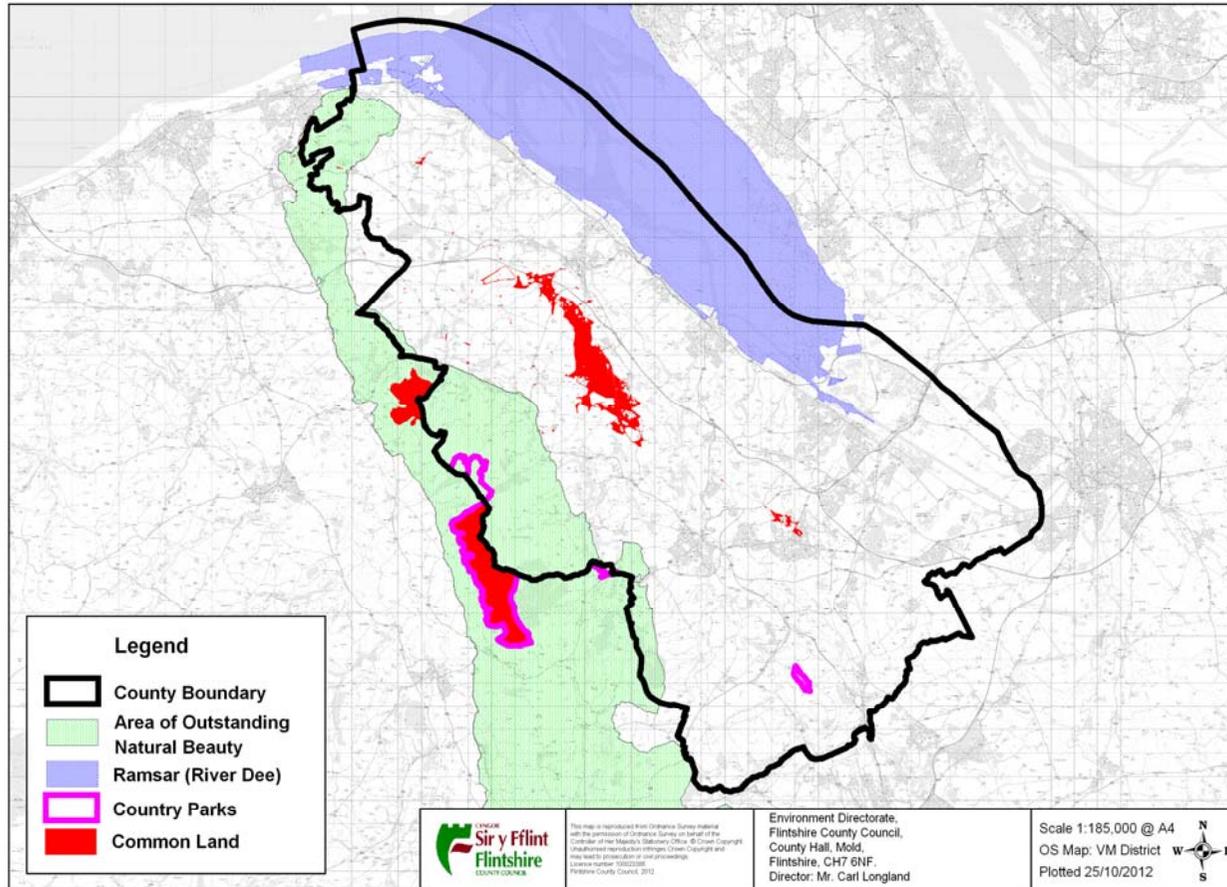


# Flintshire

- » **12<sup>th</sup> Largest Welsh Authority (out of 22)**
- » **Semi Urban Authority**
- » **438 square miles**
- » **148,000 Population**
- » **Typically Low Unemployment Rate (2%)**
- » **Retained Important Manufacturing Facilities**
  - » Toyota Engine Factory
  - » British Aerospace (A380 Wings)
  - » Tata Steel (formerly Corus)



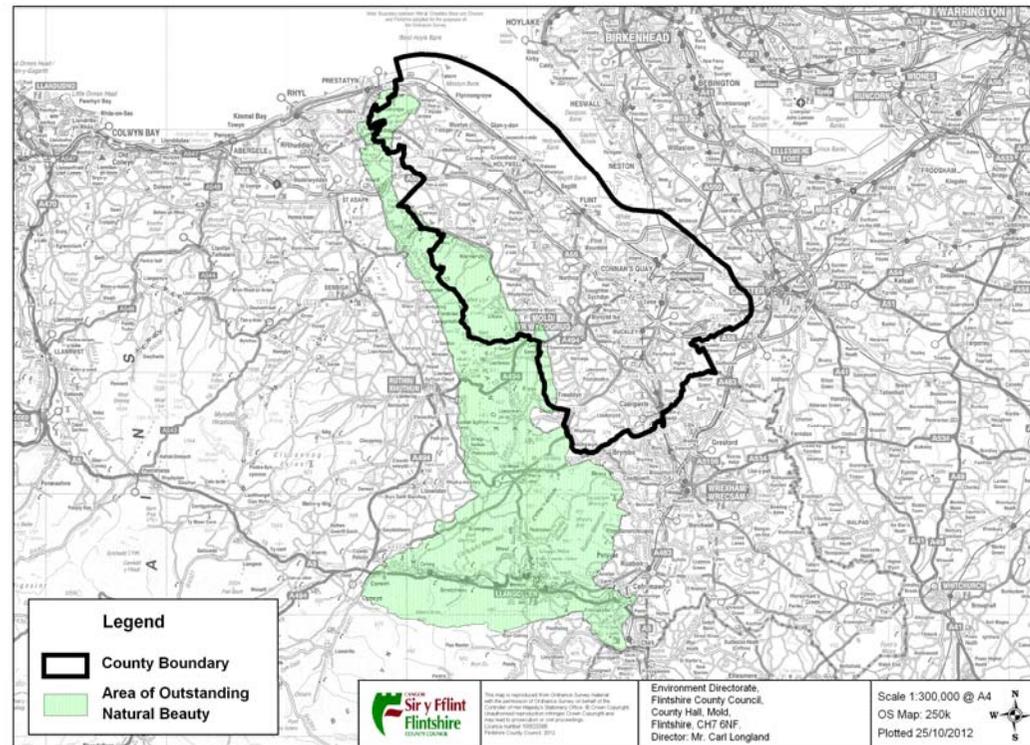
# Overview of County Environmental Assets



# The Clwydian Area of Outstanding Natural Beauty

The Clwydian AONB is managed by a dedicated Management Board with support from Flintshire and Denbighshire County Councils

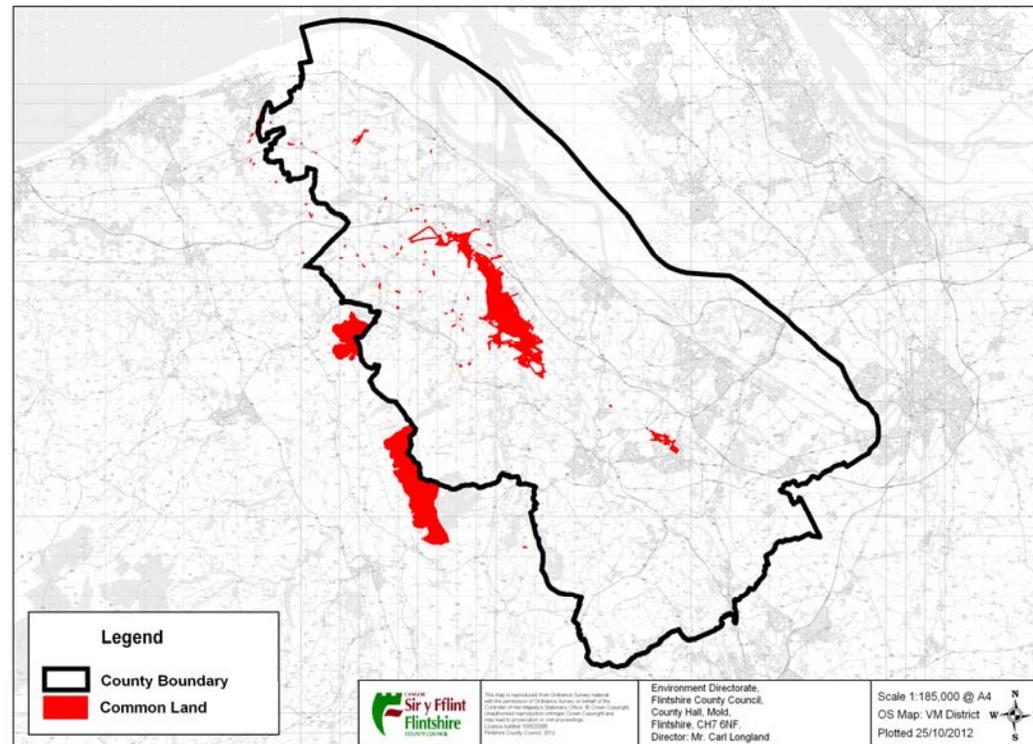
Heather moorland, limestone crags, woodland and rolling farmland, it covers an area of 62 sq miles following the ridge of the hills. The Clwydian Range forms a 35km north to south chain of undulating hills extending to 160 sq km and rising to 554 metres at the summit of Moel Famau.





## The Commons

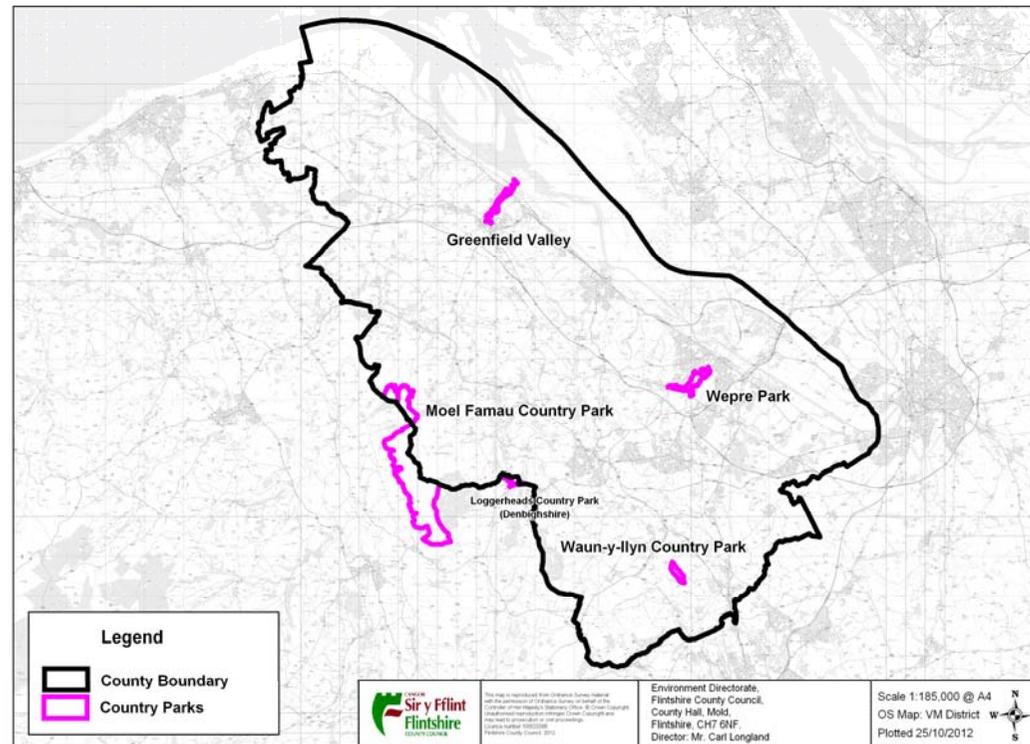
The Holywell and Halkyn Common sits above the Flintshire Coast on a belt of Limestone hills running south from Prestatyn in the north, to Hope Mountain. Lead mining and ore extraction has been commonplace here and a recent survey in the area has recorded in excess of 250 mine sites. These areas provide open access countryside for the enjoyment of local communities.





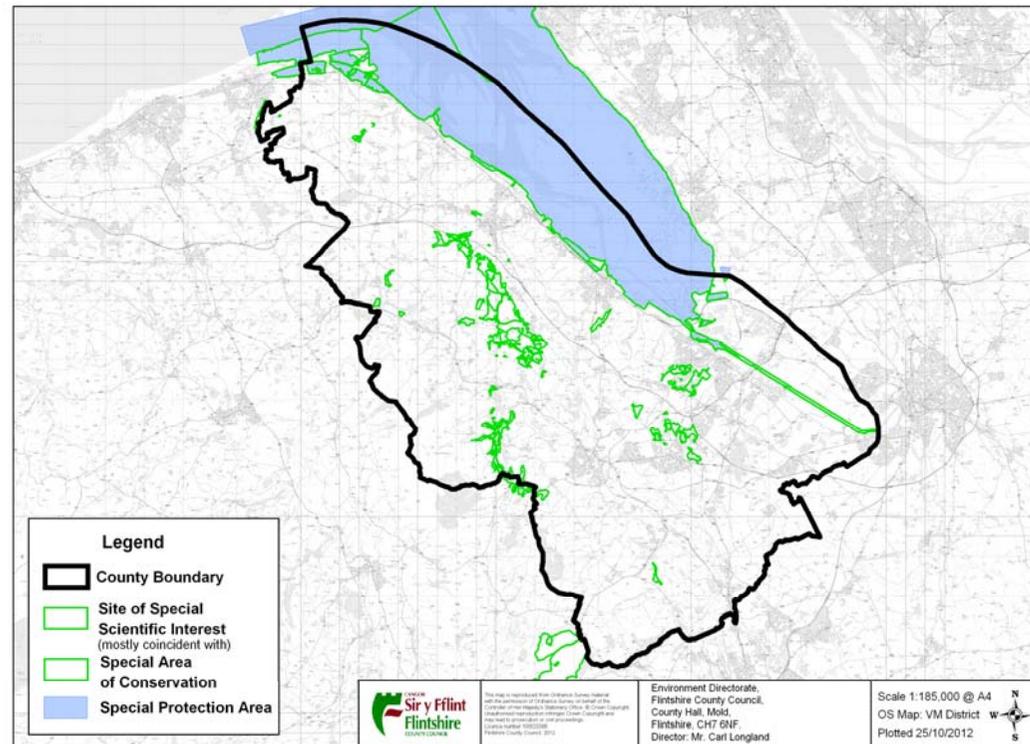
## The Country Parks

- Wepre Park in the heart of Connahs Quay and Shotton
- Greenfield Valley Heritage Park serving Holywell and Greenfield and providing linkages to St. Winifreds Well – the “Lourdes” of Wales
- Waen y Llyn Country Park centring around a Wetland Nature Reserve and converted trackbed.
- Loggerheads Country Park & Moel Famau Country Park – the AONB.



# Special Areas of Conservation; Special Areas of Protection and SSSI's

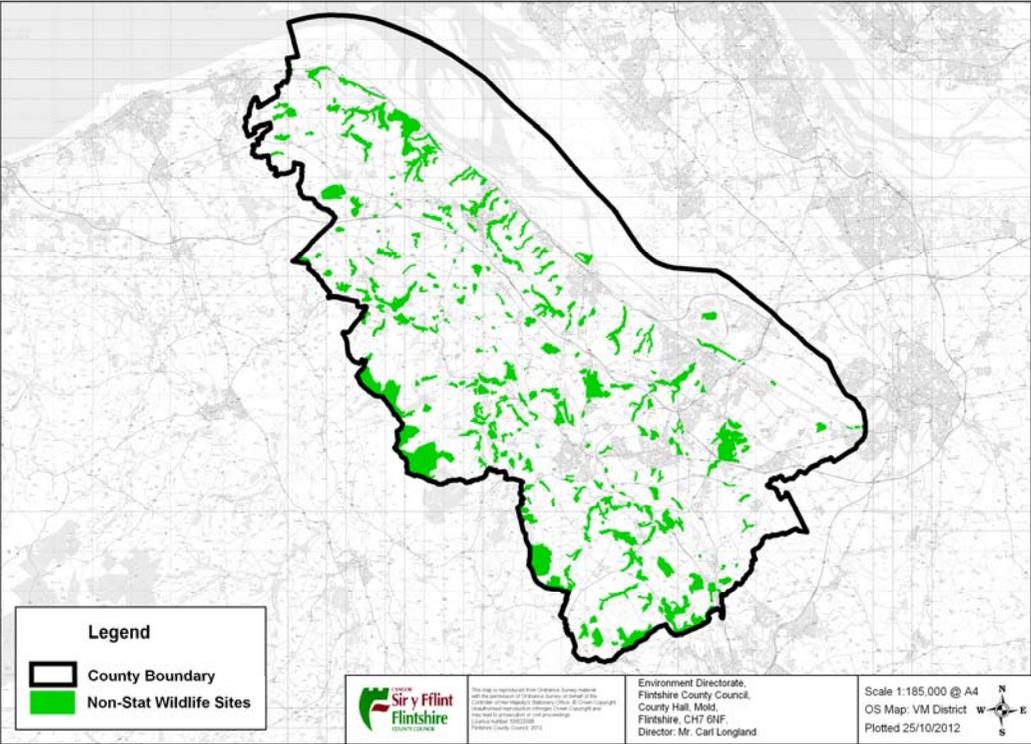
- 24 SSSI's
- 6 Special Areas of Conservation
- 2 Special Protection Areas
- & the Dee RAMSAR





# Non-Statutory Wildlife Sites

In Flintshire there are 265 non-statutory sites of local wildlife importance. Many of these are local woodlands and are well related to existing statutory protected wildlife sites. It is these sites that provide the crucial wildlife linkages between statutory wildlife sites and wider open countryside.





## The River Dee Estuary and Coastline

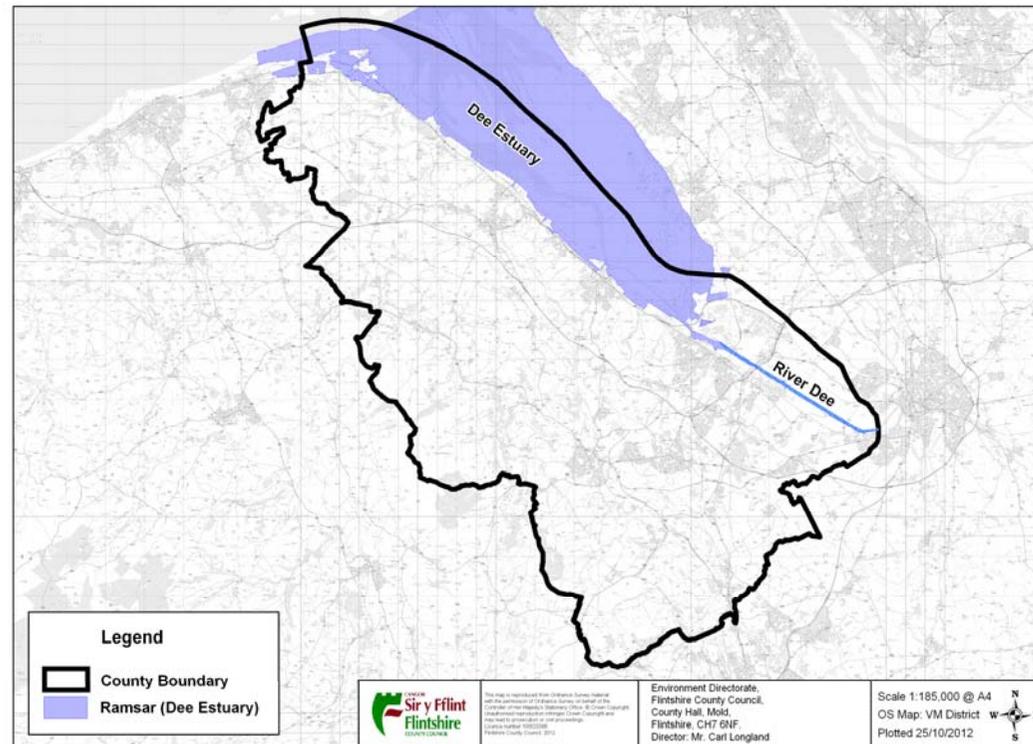
The Dee is physically and visually separated by the A548 and the Railway

In Flintshire it is estimated that over half of the population live within 3 miles of the River Dee / Dee Estuary.

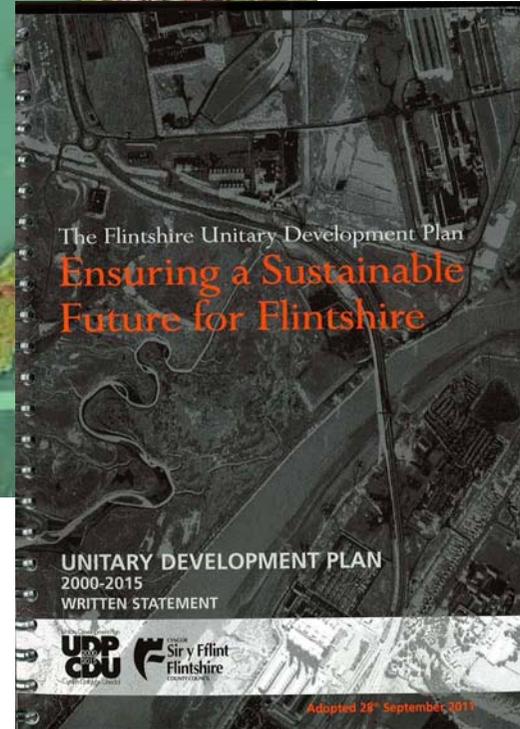
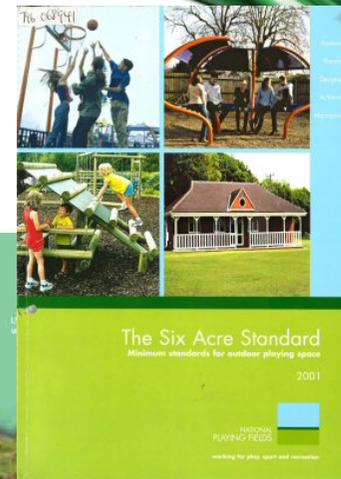
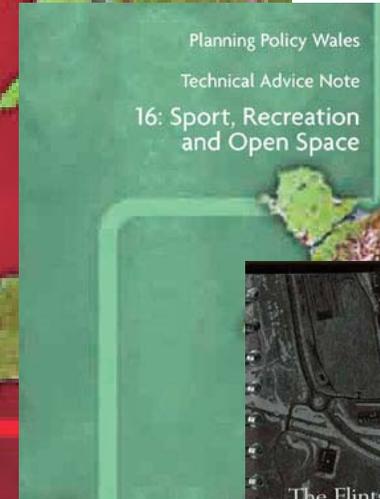
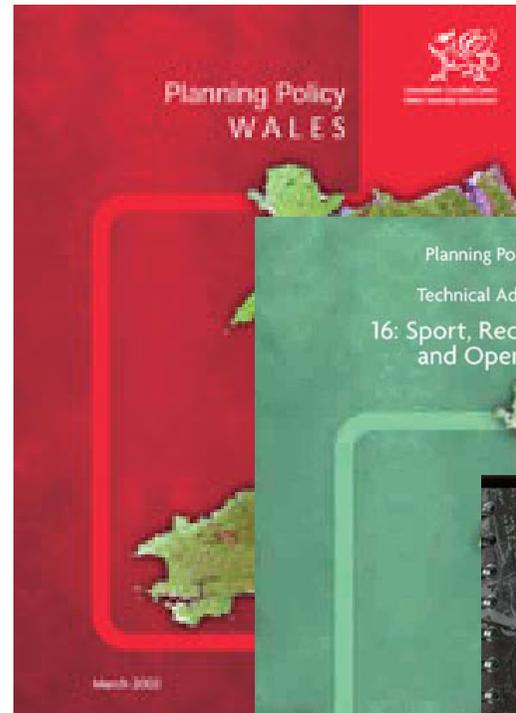
Pressure for Development is considerable

Deprivation is considerable

There is an industrial legacy and many brownfield sites exist.



# Approach to Openspace in Flintshire





# Different Terminology

- » **Green Space**
- » **Blue Space**
- » **Grey Space**
- » **Open Space**
- » **Public Open Space (POS)**
- » **Public Realm**
- » **Amenity Space**
- » **Wildlife Corridors / Networks**
- » **Green Corridors / Networks**
- » **Green Infrastructure**

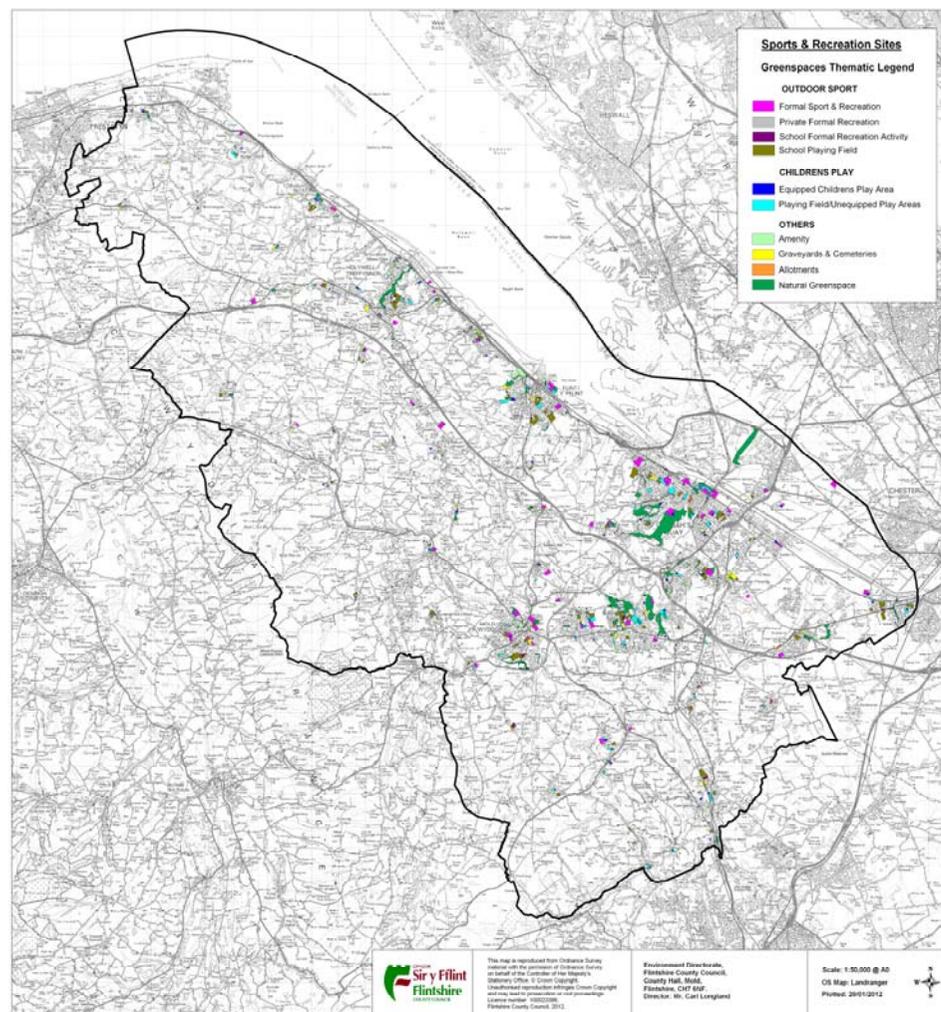


# Flintshire Openspaces

Assessment of all open space within identified settlements.

The Openspace Survey of Flintshire mapped boundaries of openspaces and also sought to identify distinct areas of function and character.

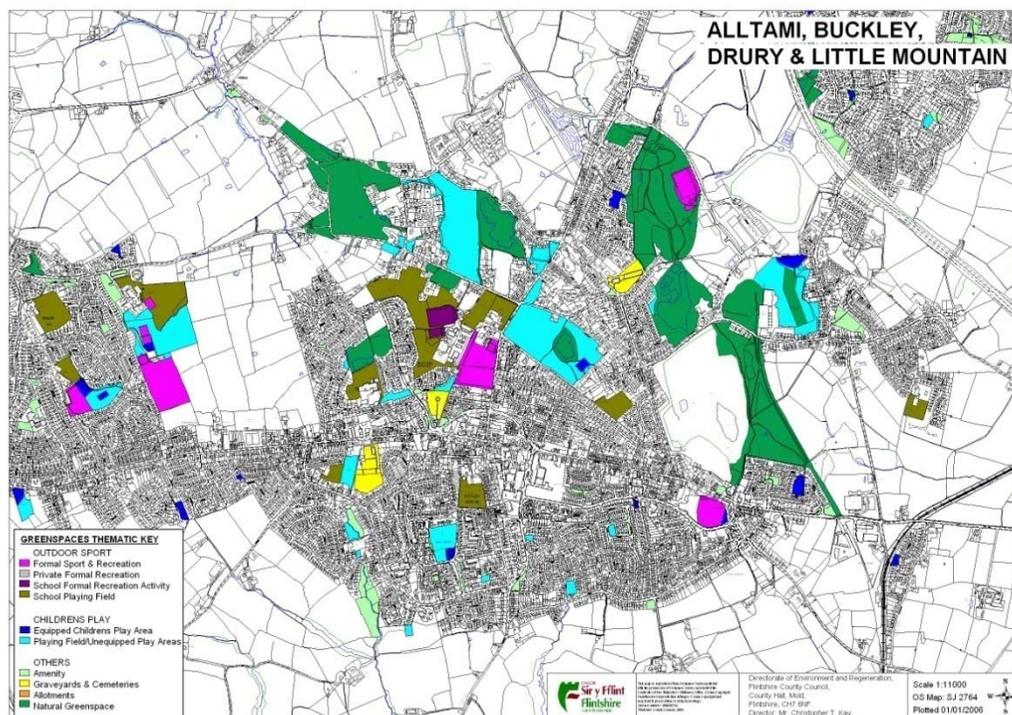
This survey identified 865 openspaces across the County totalling 710 hectares of land. However this generally excludes the AONB, SSSI's, Non-Stat Wildlife Sites, Commons, Country Parks, and the Coast and River Dee.





## Flintshire Openspaces

This is an example of how we have tried to map character and function of open spaces. Whilst the survey was undertaken in 2005 the 2010 update demonstrated that the spaces had not changed significantly.





# Mapping Limitations

**Mapping identifies spatial patterns of distribution and provides significant quantitative data**

**BUT**

**We have yet to identify a successful Mapping solution that can accurately assess the Quality of a Space without the need for Site Visits and Individual 'Value Based' Assessments**



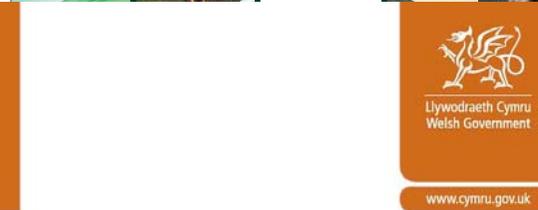
# Qualitative Assessments, Studies, Plans and Strategies

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## Play Assessments

In 2010 Welsh Government introduced new legislation making childrens play a statutory requirement of local authorities.

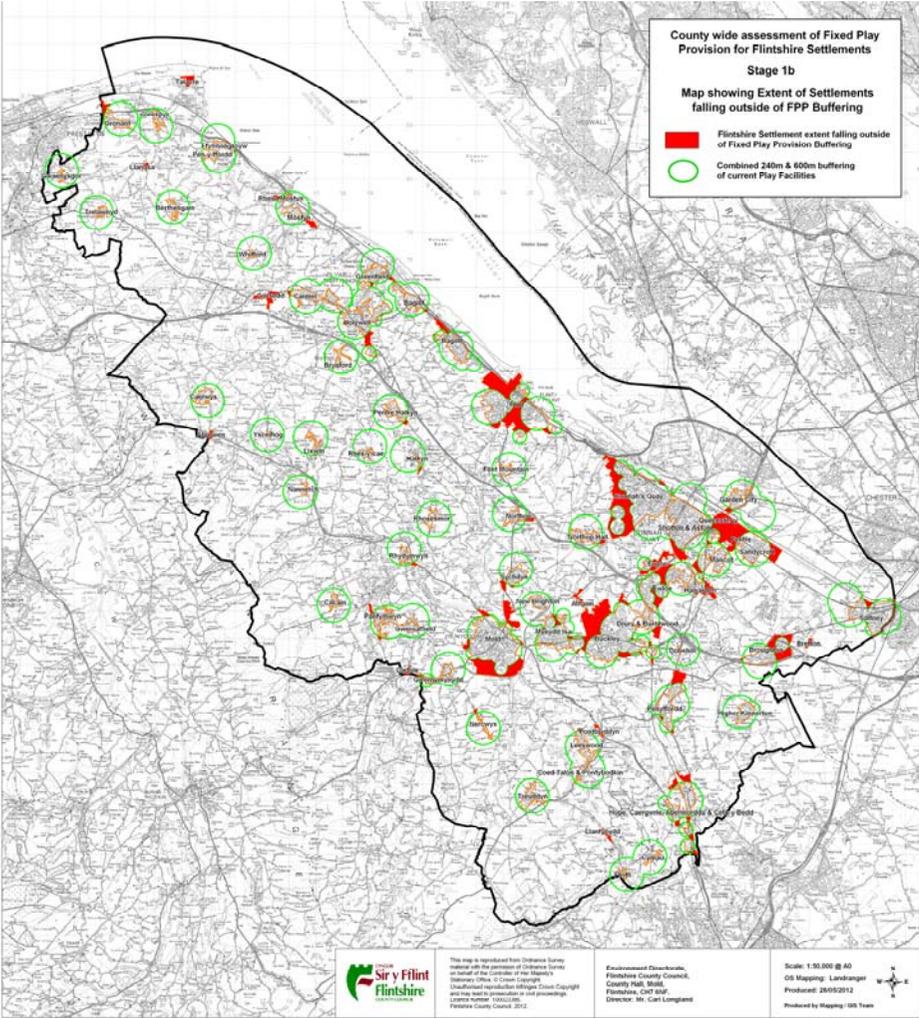
In October 2012 Welsh Government released its Regulations requiring the provision of Play Sufficiency Assessments of all Community Areas by February 2013. This would be followed by the need for the production of action plans to address identified play deficiency areas.





# County Wide Desktop Play Sufficiency Assessment

This map shows in red those areas that appear to be poorly served by play areas. This exercise will help in targeting those community areas where there is a greater chance for play deficiency.



# Detailed Qualitative Flintshire Play Assessments

In preparation for the release of the Play Sufficiency Assessments Flintshire has already completed a survey of all 200 fixed play sites to identify qualitative deficiency in provision.

This detailed assessment in association with the County Wide approach will help identify whether play deficiencies exist.





**Play Safe & Space Consultancy**

Andy Wilson-Clabin - Unity College, Harlech, LL18 4LL - Email [andy@psandss.com](mailto:andy@psandss.com) - Tel: 01 824 790 871  
EPI (Award) Approved (Register of Playground Inspectors International Ltd)

ID: 001

**Albert Avenue - Play Area**  
**Flint**

Grid Reference:	SJ 26272 72321	Easting:	326272	Northing:	372321
Address:	Albert Avenue, Flint				
Owner:	Flintshire County Council				
Maintained By:	Flintshire County Council				
Local Council:	Flint Town Council				
Local Council Clerk:	Mr G N I Jones				
Ward:	Flint Cakenhoft Ward				
Councillor:	Cllr. Rita Johnson				
Survey Date:	Monday 19 July 2010				

Review Future	✓
Maintain & Improve	✗
High Standard	✗

Strategic Importance: High
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Undertaken By:  
Andy Wilson-Clabin & Colin Brown

**Brief History:**

Last upgraded in 1990, has since had some minor improvements.

**Summary:**

Albert Avenue Play Area is located within the urban area of Flint. It is an important play area which for the purposes of this Survey is considered to have more than local importance serving a wider densely developed "Neighbourhood" area. Within the context of Flint's Play Areas Albert Avenue is the second most important play facility in Flint, the foremost play location in Flint being Cornist Park (Ref.034) which is a "Destination" facility.

Albert Avenue "Neighbourhood" Play Area is a very well used play area serving a child and youth population that make up some 28% of this neighbourhood play areas catchment area. Given the urban character of the locality it is not surprising to note that this play area has scored poorly because of high usage resulting in what has become a tired play area which requires a high degree of maintenance works especially as equipment increases in age.

The play area has been assessed and found that it is sufficiently equipped to cater for the full range of play ages (under 8s-under 20s) however there are shortcomings in this play facility given the absence of facilities to cater for ball games, wheeled play, and shelter for casual youth gatherings. The play area also scores poorly given that it is not user friendly for children and carers with sight or mobility difficulties.

The assessment of this play area has demonstrated that whilst the play area is well placed to facilitate and deliver the play needs of the local community the lack of investment within the play area means that the play area is falling to meet the needs and expectations of the community. It is to be expected then that this play area should score so poorly through this play survey.

**Recommendation:**

As a strategically important facility with ample space for development the provision of ball games, wheel play opportunities and a casual youth gathering place along with measures to improve the condition of existing play items is recommended.

Flintshire County Council

Play Area Survey - June 2010

Page 1 of 3



# Detailed Qualitative Flintshire Play Assessments (2)

Albert Avenue - Play Area



Site Analysis:

Strategic Importance:	5 - Very Low	Review Future	✓
4 - High		Maintain & Improve	x
		High Standard	x

Category	
Urban - Neighbourhood	
Site includes provision for:	
Young Children (Under 8):	✓
Older Children (8 to 14):	✓
Youths (16 to 18):	✓
Ball Games:	x
Wheeled Play:	x
Youth Meeting Shelter:	x

Play & Amenity Value	%	Rating
See 'Methodology' PDF for more details		
ALL	28% to 60%	4 - Low
Features	61% to 70%	3 - Medium
Under 8	71% to 86%	2 - High
8 to 14	28% to 60%	4 - Low
15 to 18	Less than 28%	6 - Very Low
DDA Access Level	%	Rating
	28% to 60%	4 - Low

Site Factors	Rating
See 'Methodology' PDF for more details	
Site factors OVERALL:	4 - Low
Strategic importance:	4 - High
Condition:	4 - Low
Maintenance:	4 - High
Usage:	2 - High

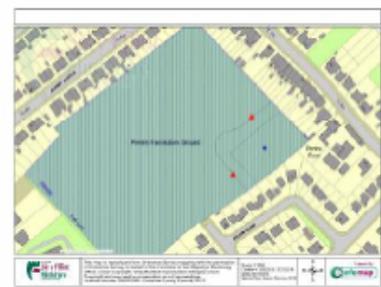
Deprivation Factor & Rank	Children & Youth POPULATION			
	ALL (Under 18)	Young Children (Under 8)	Older Children (9 to 14)	Youth (15 to 18)
	%	%	%	%
3 - Medium	See 'Methodology' PDF for more details			
388	20%	12%	11%	7%



# Detailed Qualitative Flintshire Play Assessments (3)

## Albert Avenue - Play Area

1:1250 Scale Plan Showing Play Area Location



1:5000 Scale Map Showing Play Area in Context of Linked Sites & other Recreational Spaces



1:1250 Scale Aerial Photograph of Play Area location

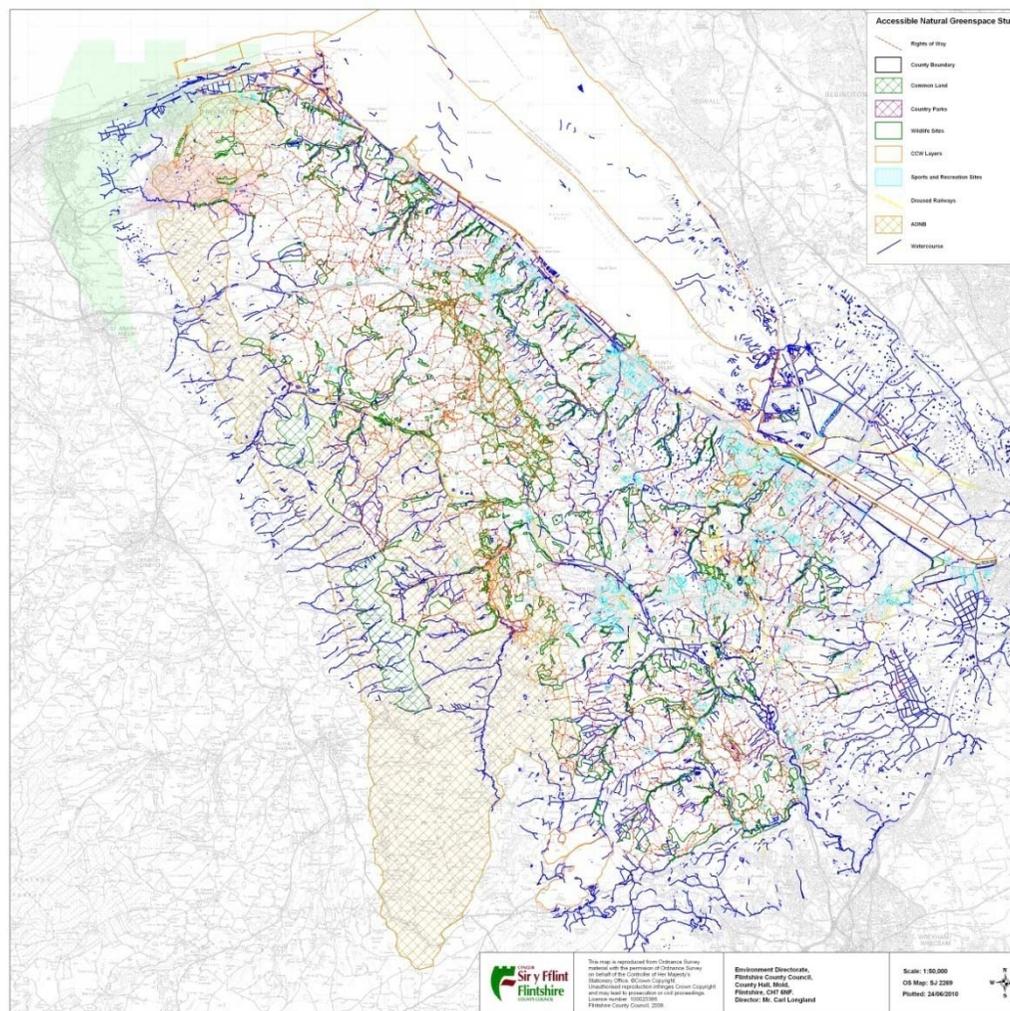




# The Accessible Natural Greenspace Toolkit

Flintshire are in the process of undertaking a **Accessible Natural Greenspace Study** of all green space across the County.

This plan shows the various different mapping layers that form the basis for that assessment. Many of these layers have already been presented in the **Environmental Assets**.





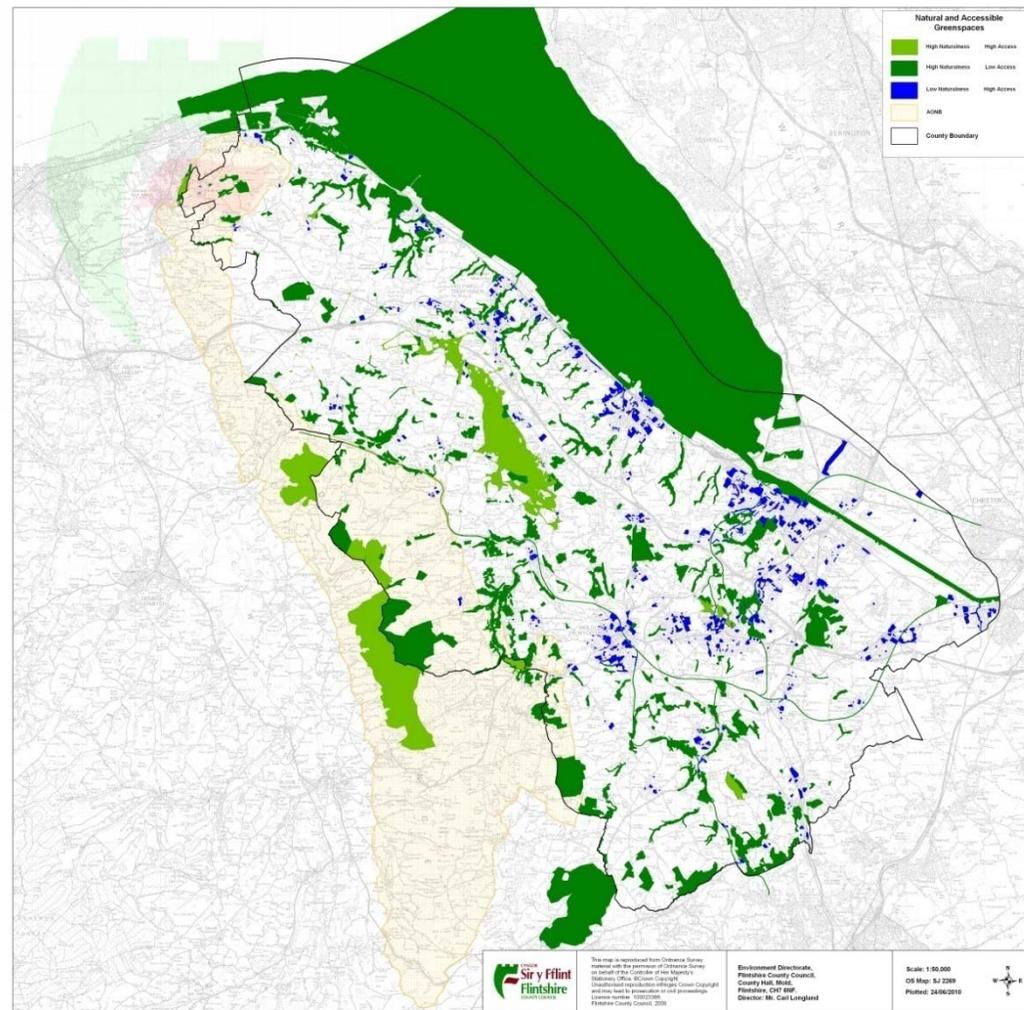
# The Accessible Natural Green Space Study

This plan shows the working hypothesis regarding naturalness and accessibility.

The task of the Study was to challenge this hypothesis through a process of “Ground Truthing / On Site Assessments”.

Data has been collected for all these sites and each sites has been scored in terms of naturalness and accessibility (1-5).

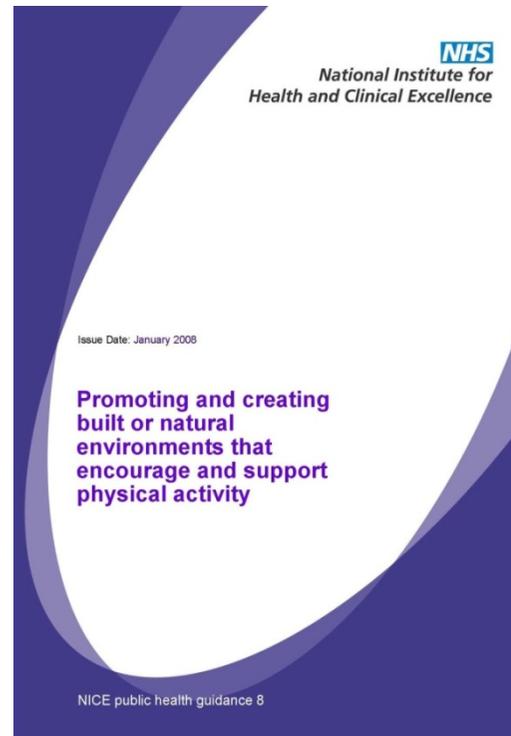
The Final Study has yet to be released.



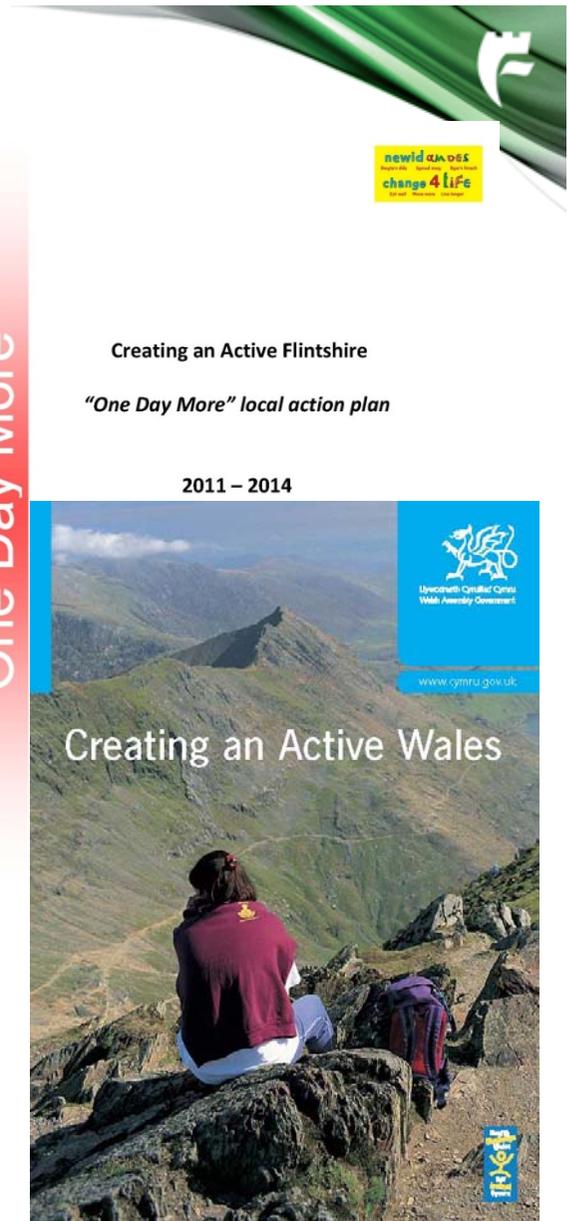
# Creating an Active Wales / Flintshire

Creating an Active Wales and the local Flintshire Health Partnership that later formed the Creating an Active Flintshire represents a key step change in the approach to Flintshire Open Spaces.

- Future NHS Obesity Crisis
- 5x60 a Week (Children)
- 5x30 a Week (Adults)
- One Day More

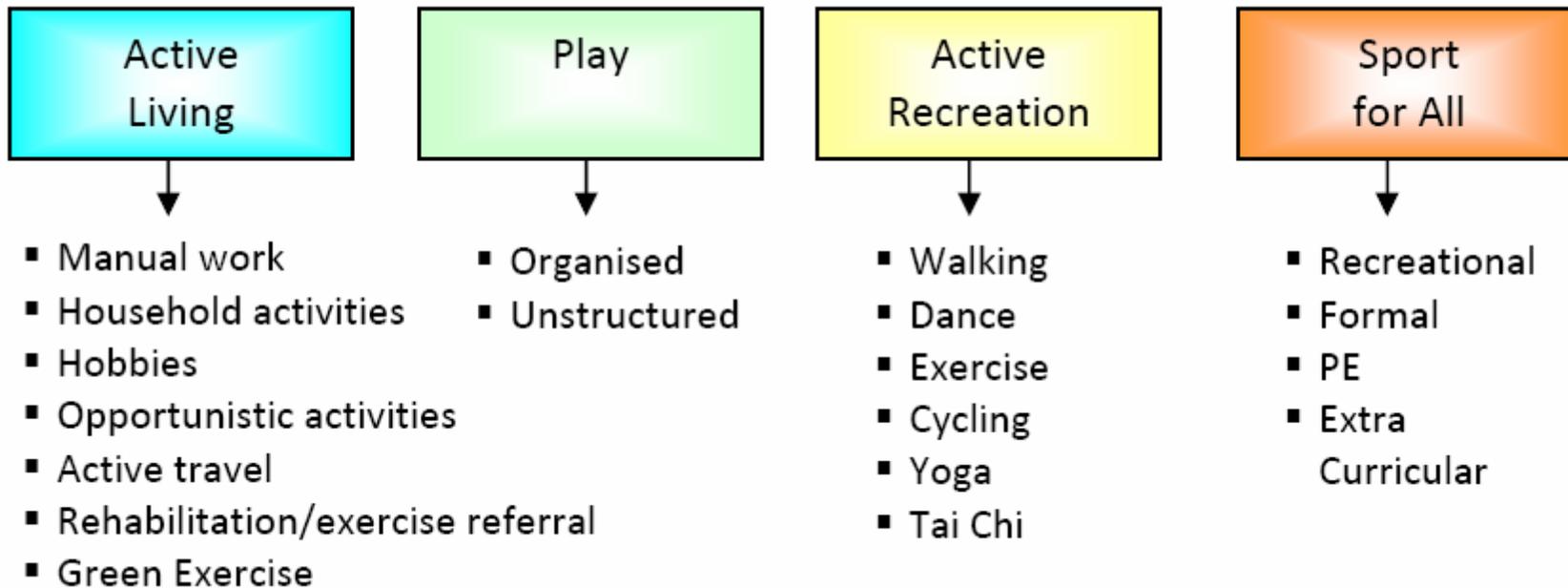


“One Day More”



## ONE DAY MORE

The “one day more” target in the national plan is that by 2020, the average number of days that adults and children are physically active increases by one day.





# The River Dee Green Infrastructure Studies

Working with the Mersey Dee Alliance and partner Local Authorities and Agencies two Green Infrastructure Action Plans have been produced in Flintshire.



Flintshire Coastal Park Green Infrastructure Action Plan



GREEN INFRASTRUCTURE FRAMEWORK FOR NORTH EAST WALES, CHESHIRE AND WIRRAL



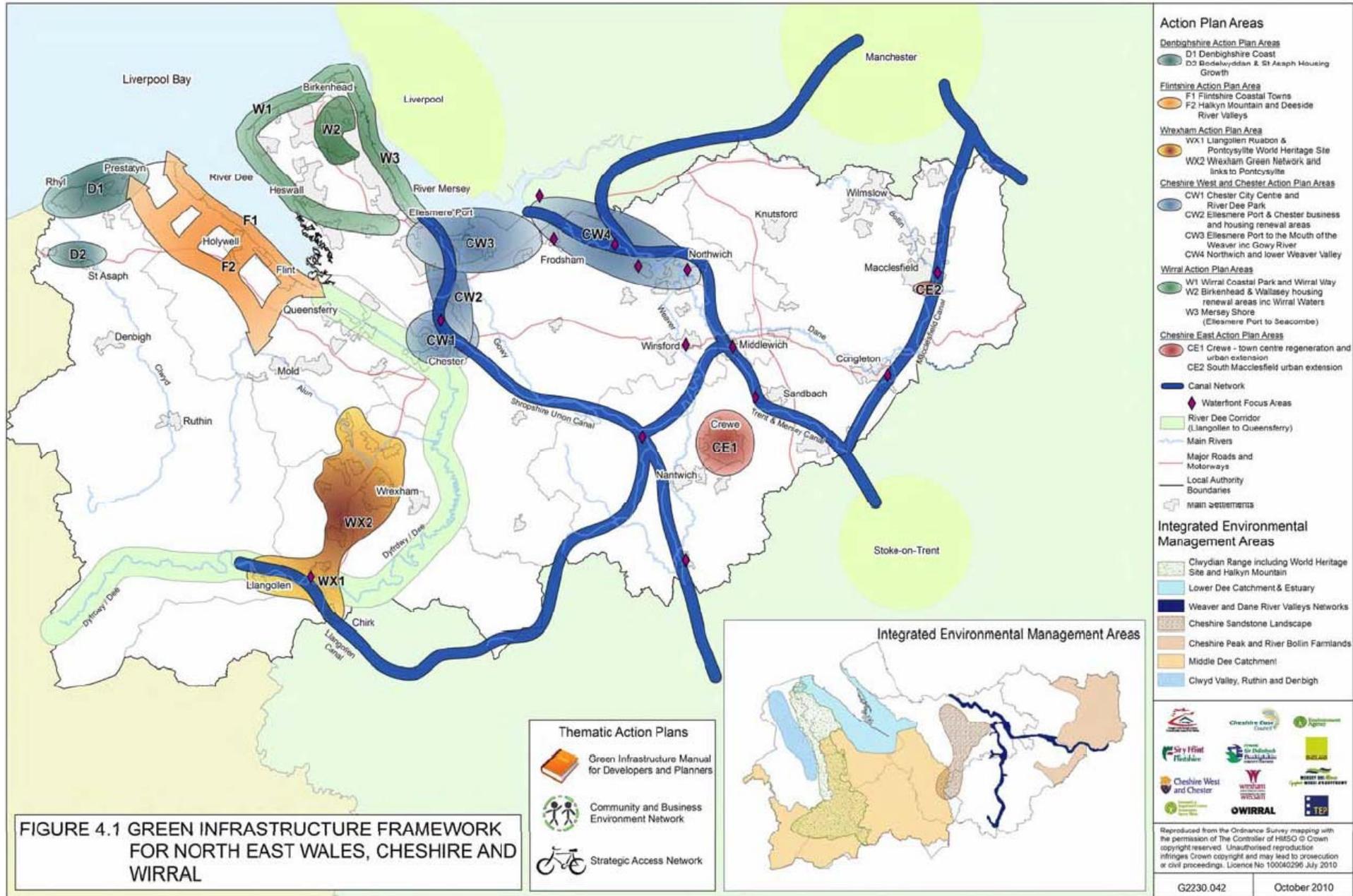
LOWER RIVER DEE GREEN INFRASTRUCTURE ACTION PLAN



# What is Green Infrastructure?

***‘A strategically planned & delivered network of natural & man-made green (land) & blue (water) spaces that sustain natural processes. It is designed & managed as a multifunctional resource capable of delivering a wide range of environmental & quality of life benefits for society‘***

**(CIRIA,2011)**





# Action Plan Areas

Flintshire Coast

Crewe

Chester - Ellesmere Port

Neston – Chester

Denbighshire (June 2012)



# Flintshire Coastal Park Green Infrastructure Action Plan





# Flintshire Coast Action Plan

- **Introduction to Flintshire**
- **Evidence Base**
- **Initiatives, Projects and Key Assets**
- **Opportunities for Green Infrastructure**
- **Action Plan Themes**
  - Settlement Greening
  - Connected to the Coast
  - Adapting to Climate Change
  - GI in Planning Policy

Figure 2.1 Flood Risk and Deprivation

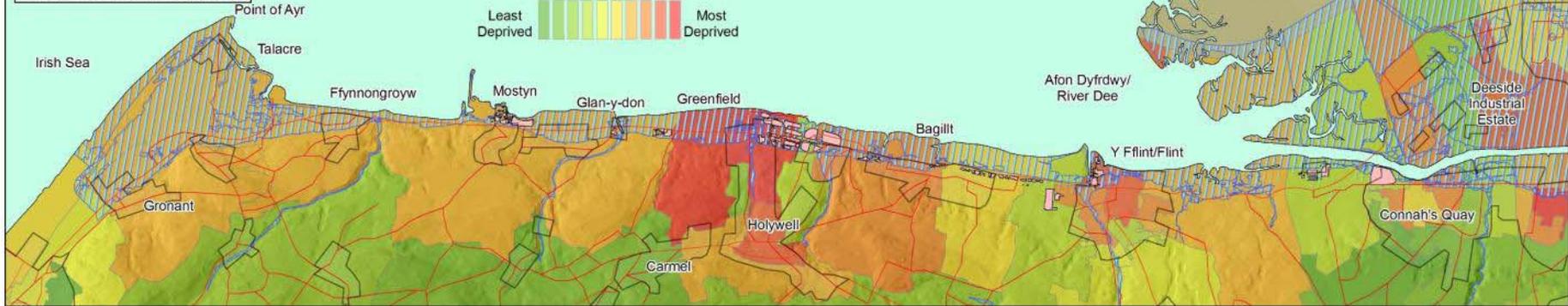


Figure 2.2 Access and Recreation



Figure 2.3 Biodiversity



<ul style="list-style-type: none"> <li>Settlements</li> <li>Railway Station</li> <li>Railways</li> <li>Road Network</li> <li>Coastal Employment Sites</li> <li>Flood Zone 2</li> </ul>	<ul style="list-style-type: none"> <li>Green Space</li> <li>CADW Heritage Sites</li> <li>Proposed Coastal Path</li> <li>Borderlands Trail</li> <li>Borderlands Way</li> <li>Eastern Clwydian Trail</li> </ul>	<ul style="list-style-type: none"> <li>Existing Cycle Routes</li> <li>Halkyn Mountain Trail</li> <li>Footpath Network</li> <li>Sustrans Cycle Route</li> <li>Wats Dyke</li> </ul>	<ul style="list-style-type: none"> <li>Areas Important for Birds (Roosting and or Feeding Sites)</li> <li>Woodland</li> <li>Site of Special Scientific Interest Inc SPA, SAC and Ramsar</li> <li>Water Bodies</li> </ul>	<ul style="list-style-type: none"> <li>Watercourses</li> <li>Areas of High Biodiversity Value*</li> <li>Areas Important for Wildlife and Fisheries</li> </ul>
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\*Includes Local Nature Reserves, National Nature Reserves, Woodland, Biodiversity Action Plan Priority Habitats, Local Wildlife Sites

TEP Sir y Fflint Flintshire

Data Sources: CCW, EA, Flintshire CC, Ordnance Survey, CADW, RSPB, Natural England, Welsh Assembly Government

G2764.03.04

Figure 5.1 Flintshire Coast - Green Infrastructure Action Plan



- Connected to the Coast**
- Enhance Existing Route for Cyclists and Walkers
  - Enhance Existing Route for Walkers
  - Aspirational Route
  - ★ **Windows on the Coast**
- 1 Point of Ayr
  - 2 Mostyn Bank
  - 3 Llannerch-y-mor
  - 4 Greenfield Dock
  - 5 Bettisfield
  - 6 Flint Castle

- Gateways to Green & Blue Space**
- |  |   |
|--|---|
| 1 Gronant, Llanasa Road, Path 85       | 12 Bagillt, Dee Bank                          |
| 2 Tanlan, Path 26                      | 13 Bagillt, Path 13/14                        |
| 3 Ffynnongroyw, Picton Road, Path 1    | 14 Bagillt, High Street                       |
| 4 Mostyn, Hotel, Path 105              | 15 Bagillt, Bron-y-wern, Path 24              |
| 5 Gwibnant, Hafod-y-ddol Road, Path 73 | 16 Bagillt, Bryntirion Road, Path 33          |
| 6 Greenfield, Station Road             | 17 Flint, Cemetery, Path 34                   |
| 7 Bryn-celyn, Spring Bank, Path 20     | 18 Flint, Windsor Drive, Path 42              |
| 8 Holywell, Greenfield Street, Path 21 | 19 Flint, Train Station                       |
| 9 Holywell, Pen-y-maes, Path 4         | 20 Flint, Chester Road/Caesar Avenue, Path 60 |
| 10 Whelston, Pen-y-maes Road, Path 75  | 21 Flint, Coed-onn Road, Path 51              |
| 11 Whelston, New Brighton Road, Path 1 |   |

- Protecting and Enhancing Biodiversity**
- Biodiversity Opportunities During Managed Realignment
  - Watercourse Clean-Up
  - Core Biodiversity Areas
  - Habitat Corridor Linking
- \*SSSI, Local Wildlife Sites, Ancient Woodland

- Settlement Focus Areas**
- Bagillt to Greenfield
  - Flint
  - Talacre/Point of Ayr
- Data Sources: CCW, Flintshire CC, EA Wales  
Ordnance Survey, NE
- 
- Contains Ordnance Survey data © Crown copyright and database right 2011 G2764.03.17





LOWER RIVER DEE GREEN INFRASTRUCTURE ACTION PLAN

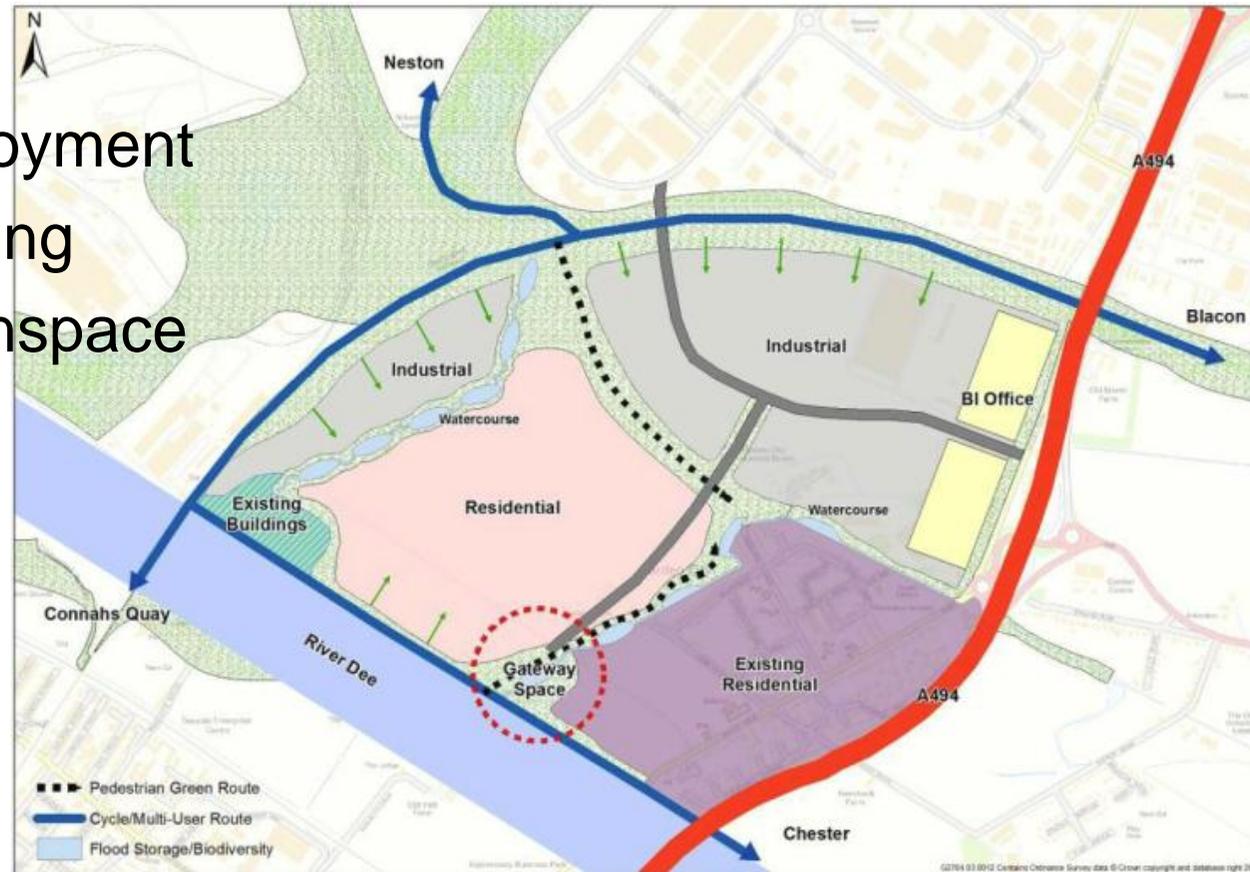






# Northern Gateway Opportunity

- 165ha Site
- 98ha Employment
- 25ha Housing
- 40ha Greenspace

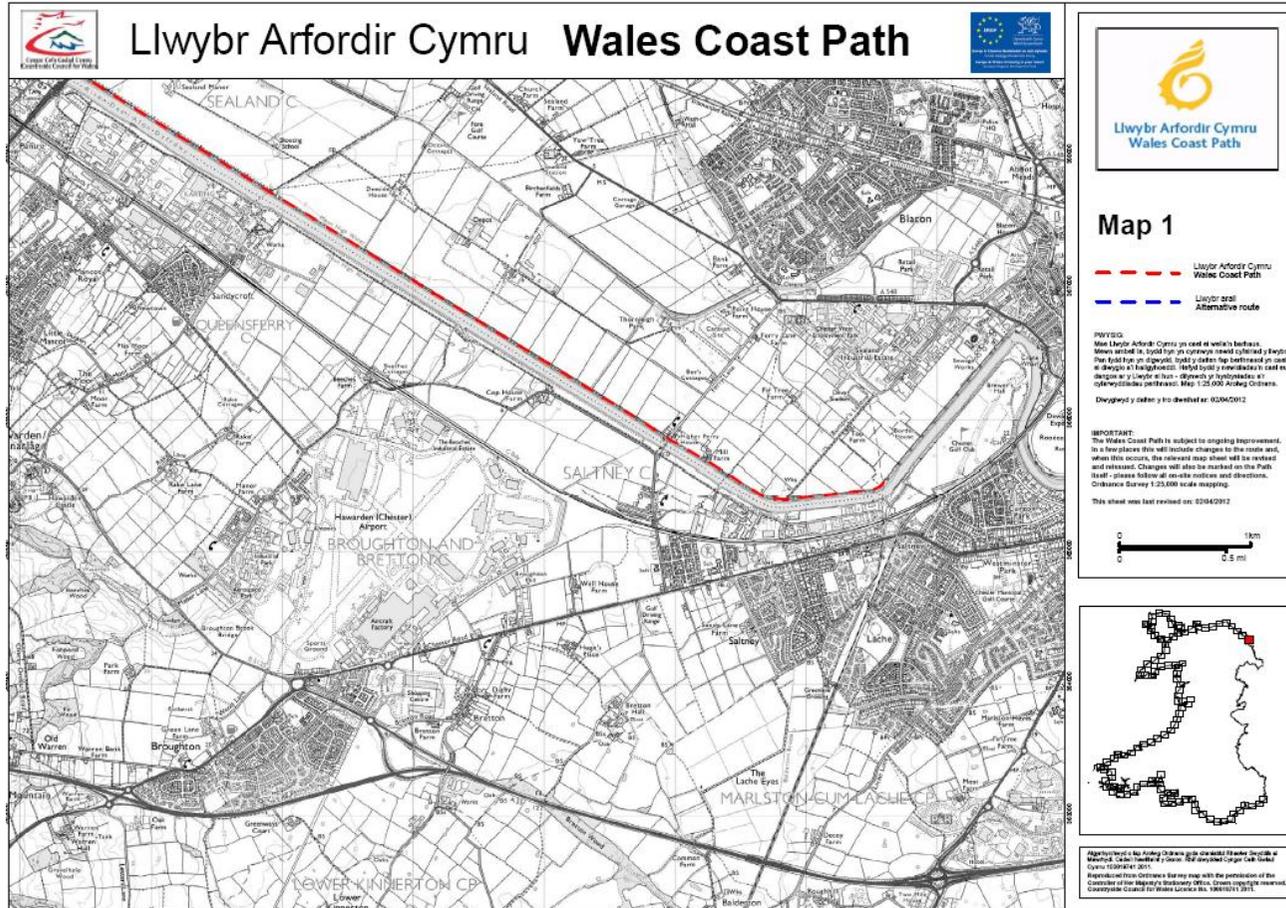




# Achievements So Far

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# The Flintshire Coastal Path

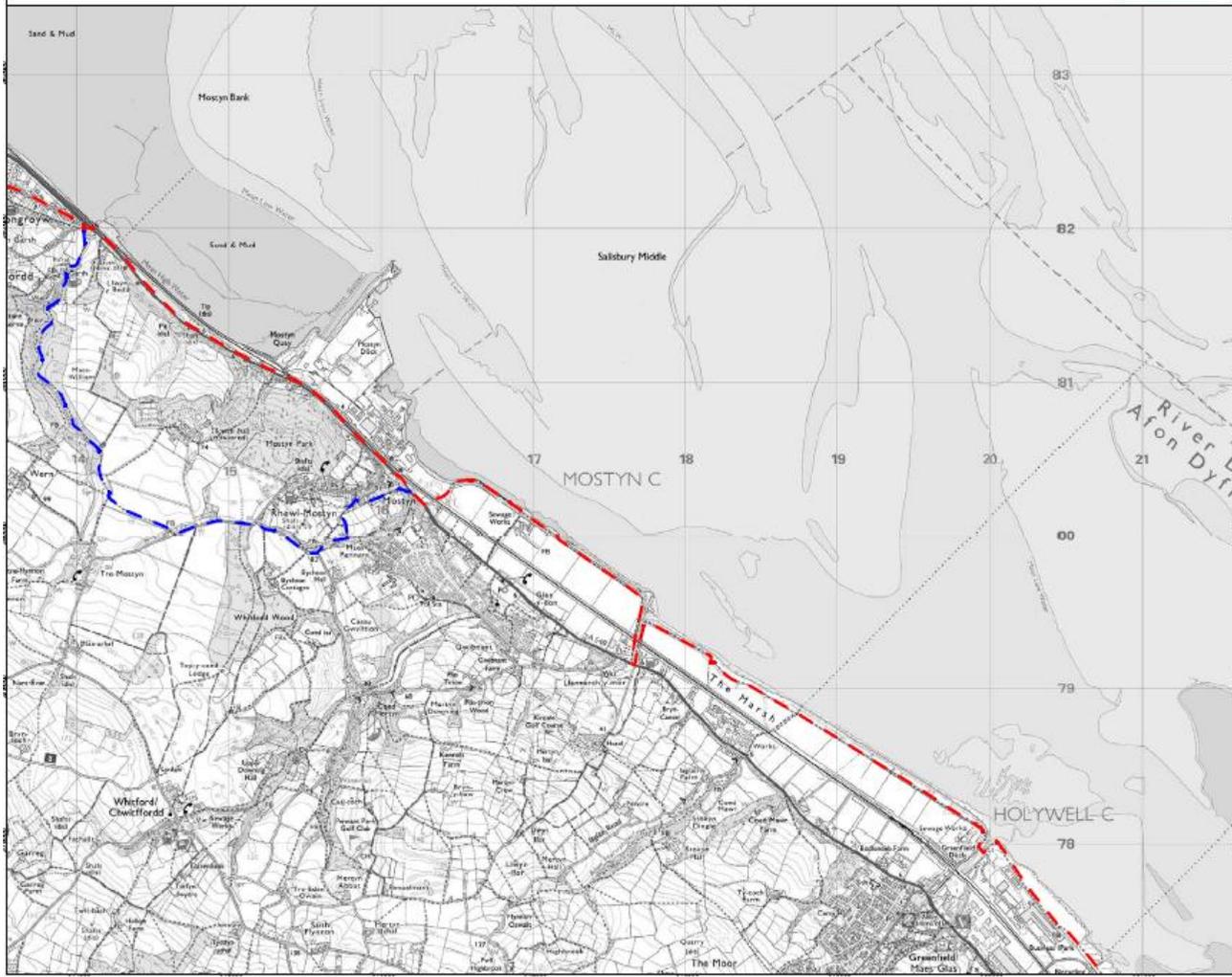








# Llwybr Arfordir Cymru Wales Coast Path



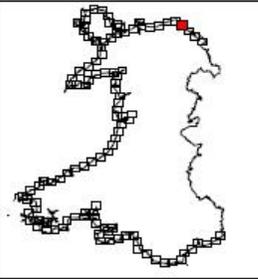
## Map 4

- Llwybr Arfordir Cymru Wales Coast Path
- Llwybr arall Alternative route

**PWYSO:**  
Mae Llwybr Arfordir Cymru yn cael ei wellu'n barhaol. Mewn ardal fe fydd hyn yn cynnwys newid sylfaenol y llwybr. Pan fydd hyn yn digwydd, bydd y ddeddf i'w cyhoeddi yn cael ei dangos ar y Llwybr a'i llosgu a'i hyrwyddoedd a'i cyswrtio. Dwygwyd y ddeddf y 12 Ionawr 2012.

**IMPORTANT:**  
The Wales Coast Path is subject to ongoing improvement. In a few places this will include changes to the route and, when this occurs, the relevant map sheet will be revised and reissued. Changes will also be marked on the Path itself - please follow all on-site notices and directions. Ordnance Survey 1:25,000 scale mapping.

This sheet was last revised on: 02/04/2012

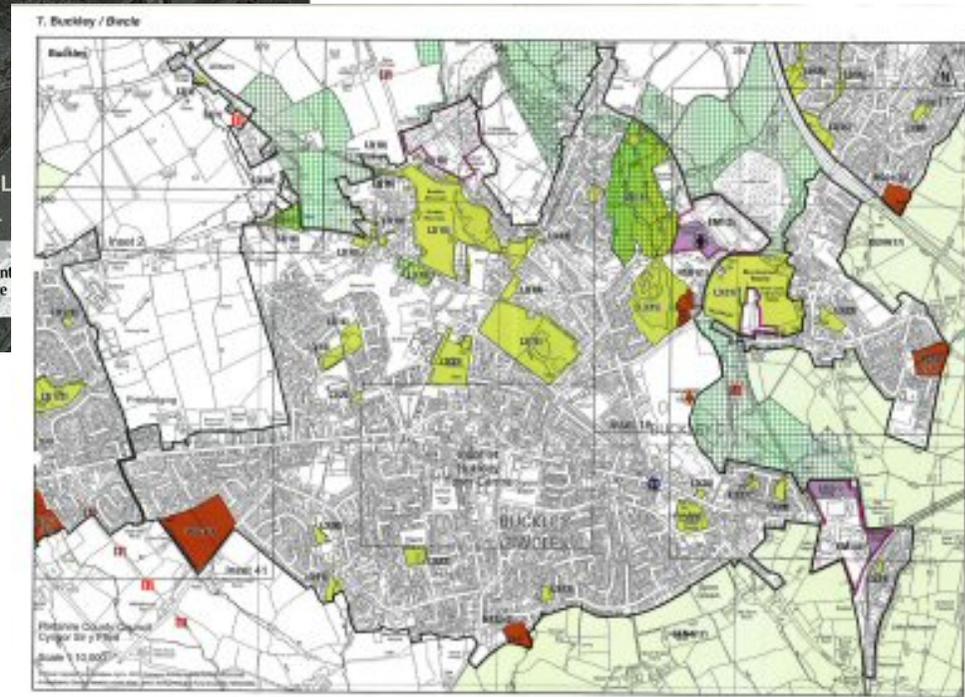
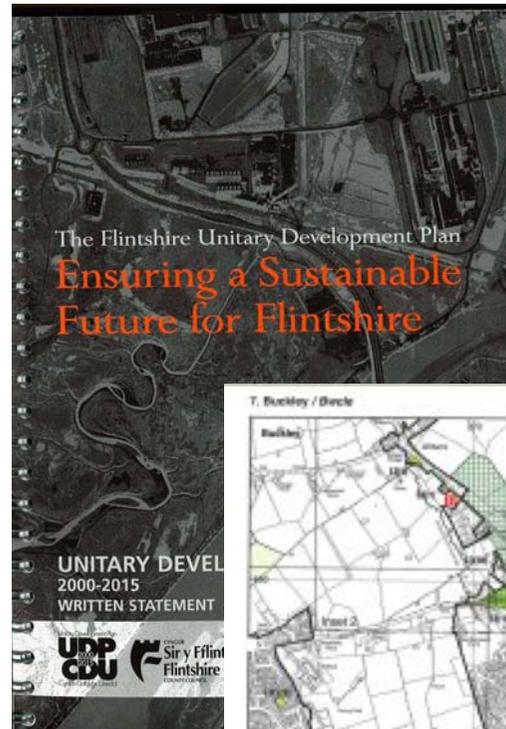


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# The Flintshire Unitary Development Plan

The identification and digital mapping of green space across the County has resulted in 159 individual green spaces being identified and listed for formal protection within the now adopted UDP.





## Queen Elizabeth II Playing Fields Challenge

**27 Nominations from Flintshire  
Community Councils. 17 of  
which were confirmed by  
Flintshire County Council and  
put forward to the QEII Playing  
Fields Challenge being organised  
by Fields in Trust.**

**The 17 candidate QEII Playing  
Fields have an estimated area of  
50 hectares and will be  
confirmed in early 2013.**





# Whats Next

---



# The Green Space Strategy

- » **The Green Space Strategy will be the key driver in taking forward next steps.**
- » **The Strategy is being driven by a core group of Officers representing Planning, Economic Development, Transportation, Leisure, Property and Streetscene Services.**
- » **Ongoing Public Engagement will be key to delivery.**





# Key Aspirations

- » **Form a County Wide Network of “Park Friends” groups**
- » **Develop a Communication Network for promoting Flintshire Green Spaces eg events, activities etc..**
- » **Develop Local Landscape Management Plans for key Green Spaces**
- » **Develop further the concept and practicalities of a Dee Riverside & Coastal Park**
- » **Secure Green Flag status for all Flintshire “Destination” Green Spaces**
- » **Develop an annual rolling programme of Green Space dedications to the Owain Glyn Dwr Scheme**
- » **Develop and Adopt a Qualitative Benchmark Standard for Green Space**
- » **Annually Monitor and Report changes in Green Space Quality**

# Green Infrastructure for Health and Wellbeing

Sarah Dewar

Third Sector and Sustainability Lead  
Liverpool Primary Care Trust



# EVIDENCE FOR GI?

... improves mental and physical health  
and shown to reduce health inequalities

The Marmot Review 2009

NEW HORIZONS....NICE....CABE....NHS  
HEATWAVE PLAN...PUBLIC HEALTH  
WHITE PAPER..

People who live furthest from public parks 27% more likely to be overweight or obese.

Children able to play in natural green space gained 2.5 kg less per year than children who did not have such opportunities.

1,300 extra deaths each year in UK among lower income groups in where the provision of green space is poor.

Natural  
England

# WHAT CAN GI DO?

**Increase physical activity**

**Improve air quality**

**Opportunities for growing food locally**

**Improve mental health**

**Social cohesion**

**Adaptation to climate change**

**Reduce symptoms ADHD...**

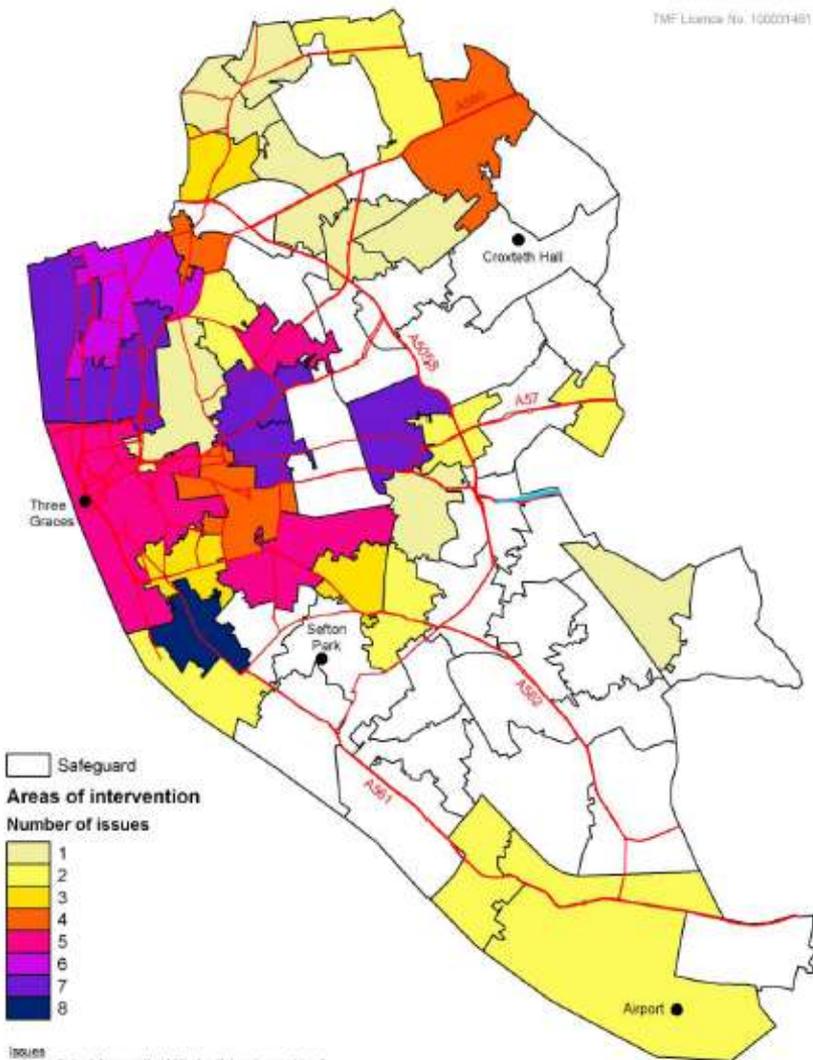
# A City Providing Natural Choices for Health

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TNF Licence No. 100001481 (2010)



POOR  
HEALTH  
+  
LOW LEVELS  
OF GI  
FUNCTION  
=  
NEED FOR  
ACTION



□ Safeguard  
**Areas of intervention**  
Number of issues

1
2
3
4
5
6
7
8

- Issues
- Super Output Areas with >10% derelict and vacant land
  - Super Output Areas with <50% green infrastructure cover and hospitalised prevalence of mental health conditions >200
  - Super Output Areas with >10% greatest need for trapping air pollutants cover, <5% of which is fulfilled
  - Super Output Areas with <40% recreation functionality cover and hospitalised incidence coronary heart disease >150
  - Super Output Areas with <40% recreation functionality cover and >20% population is obese
  - Super Output Areas with <40% recreation functionality cover and hospitalised prevalence of diabetes >300
  - Super Output Areas with <50% green infrastructure cover and 2 or more hospitals or health centres
  - Super Output Areas with <5% green travel route functionality cover that intersect Growth Point wards, HMR area or Housing SPD Fringe Areas

20  
20

Decade of  
Health &  
Wellbeing



THE MERSEY  
**FOREST**  
more from trees

# Natural Choices for **Health** and **Wellbeing**

**Grants of up to £7,500 to support projects in Liverpool that can clearly show that they are both...**

- helping to improve health and wellbeing and
- making use of the natural environment to help deliver the project





# Five Ways...

Five ways  
to wellbeing

## Connect...

Connect with the people around you. With family, friends, colleagues and neighbours. At home, work, school or in your local community. Think of these as the cornerstones of your life and invest time in developing them. Building these connections will support and enrich you every day.

## Be active...

Go for a walk or run. Swap stairs for lifts. Play a game. Garden. Dance. Exercising makes you feel good. Most importantly, discover a physical activity you enjoy and one that suits your level of mobility and fitness.

Five ways  
to wellbeing

## Take notice...

Be curious. Catch light on the beautiful. Remark on the unusual. Notice the changing seasons. Appreciate the moment, whether you are walking to work, sitting local or going to work. Be aware of the world around you and what you are feeling. Reflecting on your experiences will help you appreciate what matters to you.

Five ways  
to wellbeing

## Keep learning...

Try something new. Realise you are still interested, sign up for that course, take on a different responsibility at work. Enrol in a class, learn to play an instrument or how to cook your favourite food. Set a challenge you will enjoy achieving. Learning new things will make you more confident as well as bring fun.

## Give...

Do something nice for a friend, or a stranger. Thank someone. Smile. Volunteer your time. Join a community group. Look out, as well as in. Seeing your self, and your happiness, linked to the wider community can be incredibly rewarding and creates connections with the people around you.

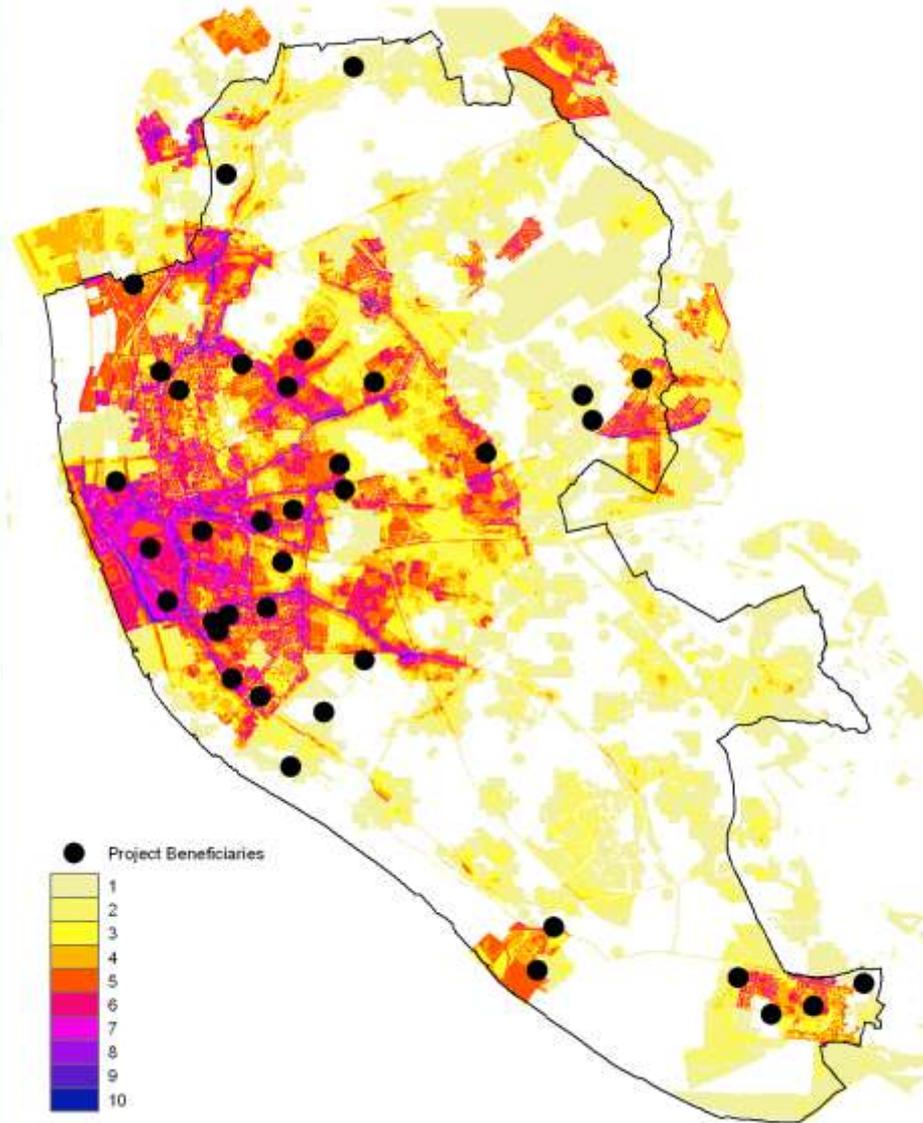
# to Wellbeing



Decade of  
Health &  
Wellbeing

## A City Providing Natural Choices for Health

Number of needs unfulfilled



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# Natural choices for health



- £296, 000 funds available
- 122 Expressions of Interest received
- 38 successful projects being delivered



**Trees Matter**  
 8 members  
 Latest Activity: Jan 2  
 We attended a Trees Matter course at Trafford Hall in July. We felt it would be useful to have our own space to share project info & ideas.....



**Liverpool Wanted/Offered**  
 18 members  
 Latest Activity: Mar 2  
 A forum for those involved in environmental projects in Liverpool to share resources. Offer spare time, unwanted items, skills or ask for things...



**reclaim our alleyways!!!**  
 9 members  
 Latest Activity: Jan 27



**Clean and Green Streets.**  
 4 members  
 Latest Activity: Feb 2  
 Take responsibility for protecting the environment around your homes! Have respect for your city. Take action to make your local area a more...



**Friends of Sudley Estate**  
 21 members  
 Latest Activity: on Sunday



**Cycle Aigburth**  
 8 members  
 Latest Activity: Nov 13, 2011  
 Aigburth is a great place to cycle and we want to get Aigburth cycling!

We will use this page to keep in touch with supporters, advisers and helpers for the next...



**Flourishing Fire Stations**  
 6 members  
 Latest Activity: Aug 9, 2011  
 The Mersey Forest have worked with several Fire Stations to create community gardens or improve the areas at and around their stations. If you...



**Homeless Hostels Food Alliance**  
 11 members  
 Latest Activity: Jun 9, 2011  
 GREEN fingered volunteers are needed to help a Liverpool hostel to continue with its award-winning community projects. "we need gardeners,..."



**Training communities about climate change adaptation**  
 6 members  
 Latest Activity: Aug 9, 2011  
 Join this project page to discuss the climate change...



**A city where health is a natural choice**  
 7 members  
 Latest Activity: Dec 15, 2011  
 As part of the Decade of Health more than 40 people met in January 2011 to discuss how we could use Liverpool's green infrastructure to



Decade of  
Health &  
Wellbeing

# Equal Well Green

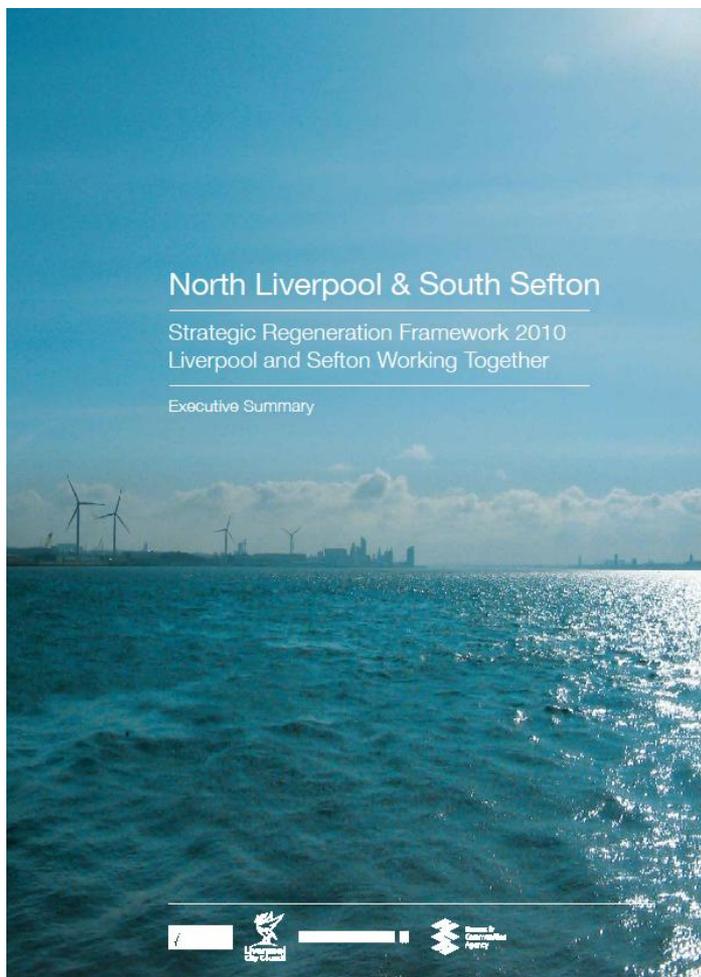


## Vision

That Liverpool in 2020 is a city region where health and wellbeing are at the heart of our purpose, culture, planning and action. Where communities, public bodies and private organisations are all working together in a Liverpool which is more

# GreenPrint for Growth





North Liverpool & South Sefton

Strategic Regeneration Framework 2010  
Liverpool and Sefton Working Together

Executive Summary

## 4} Reconnecting Places

Neighbourhood and Places Framework

The key challenge is to radically improve the quality of the homes, built environment, neighbourhoods and green spaces in North Liverpool and South Sefton and to transform perceptions and experiences of the area – to establish the area as an attractive and desirable place to live, work, invest and visit.

## Transformational actions

### Project Jennifer

The development project at Great Homer St will provide a dramatically improved district centre comprising retail, health and leisure facilities servicing the communities of North Liverpool. The development will provide a high quality gateway to North Liverpool, is key to the transformation of the neighbourhood and will complement the emerging vision for Everton Park.

### Creating a new local housing market

It is absolutely vital that the strategic restructuring of the local housing market initiated by New Heartlands continues. The overarching aim will remain through an approach of selected demolition and development to diversify the type and quality of housing available in the area aiming to retain existing residents and attract new people into an increasingly thriving and attractive area.

### Green infrastructure strategy

The SRF envisages a transformation of the local environment to provide an accessible, well-managed green landscape across the area. The aim will be to both improve the lives of local people and attract investors and visitors into North Liverpool and South Sefton. The initiative will include action to tackle grot spots, temporary treatment of vacant sites and enhancement schemes for existing street trees and neighbourhood amenity areas by fully exploiting the potential green infrastructure network, including the significant but under-utilised canal asset, and the river itself.

### A connected approach to neighbourhood management

It is imperative that the resources of public service providers and local community stakeholders are effectively integrated at the neighbourhood level. Only through radically improved targeting and co-ordination can we hope to make a significant impact in tackling environmental blight, reducing criminal and anti-social behaviour and improving amenity and access and the attractiveness of our neighbourhoods. The SRF proposes a localist approach that builds on the positive and innovative examples of neighbourhood management and partnership working across the SRF area to bring statutory agencies together and mobilise the energies of residents and community organisations to rebuild local pride and confidence.

# A NEW RELATIONSHIP THE CITY → CITY NORTH → SUBURBS

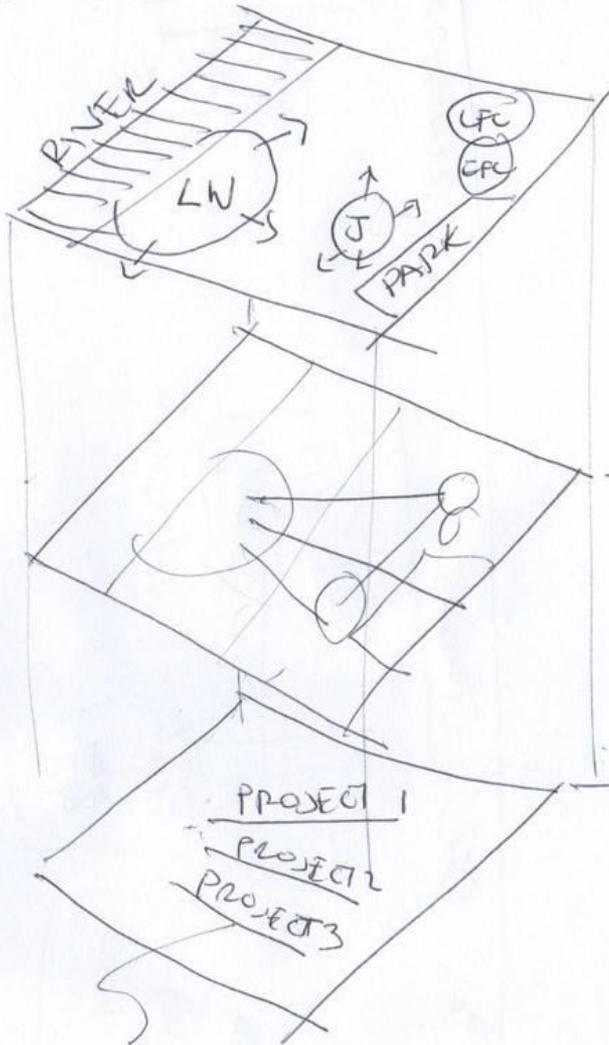


“A statement of ambition and intent, a framework for coordinating investment and actions..... not a masterplan!”

# NORTH LIVERPOOL

# GI FRAMEWORK LAYERS

12.10.11

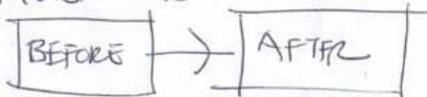


- LIVERPOOL VISION  
SRF COMPOSITE  
SPATIAL PLAN

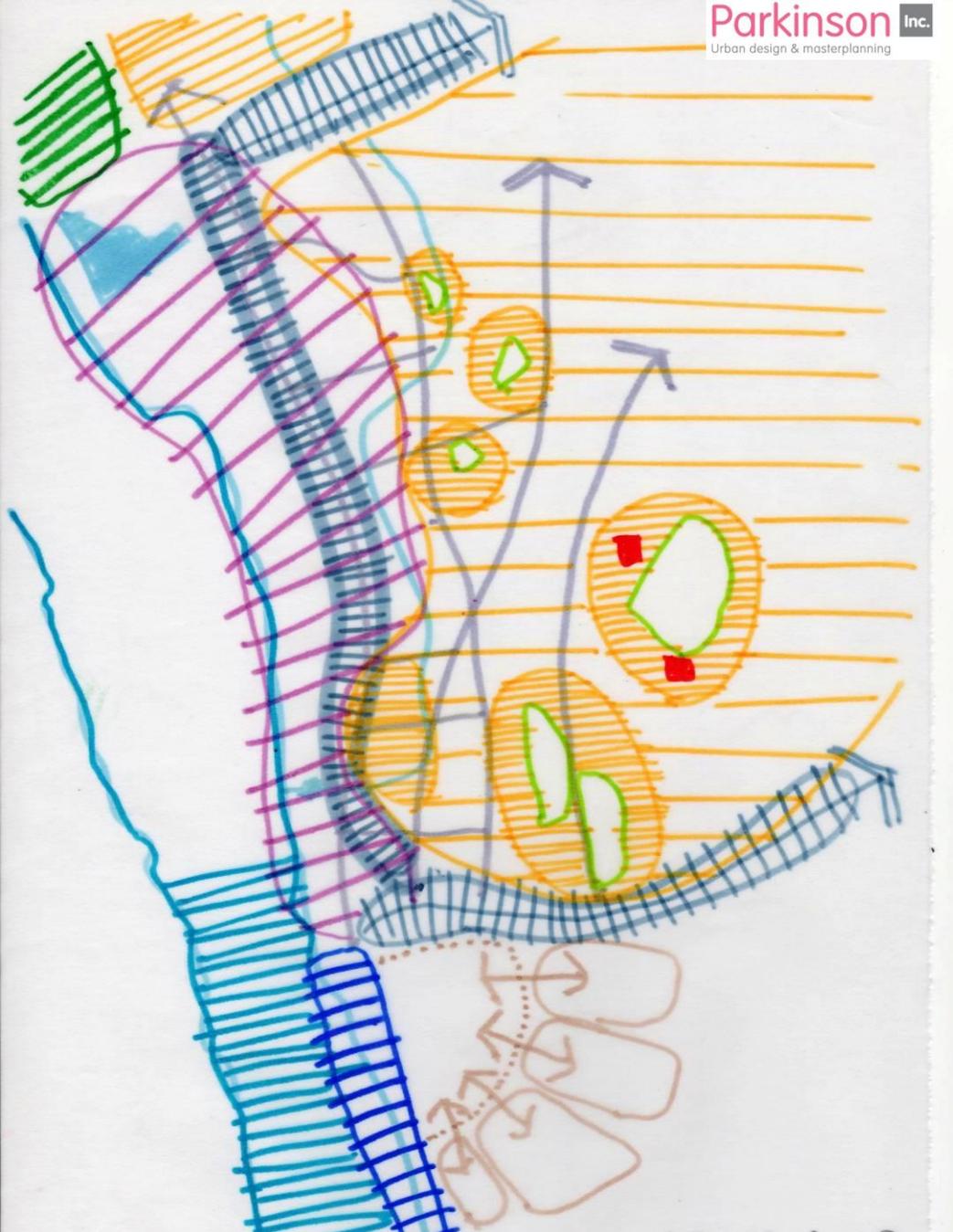
- GI FRAMEWORK  
SPATIAL PLAN  
(CAUSO AERIAL  
OVERLAY)

- GI  
INTERVENTION  
PLAN. SHOWING  
LV PROJECTS +  
CONNECTIONS THROUGH  
A 'GI LENS'.

PROJECTS SHOWN AS  
MONTAGES



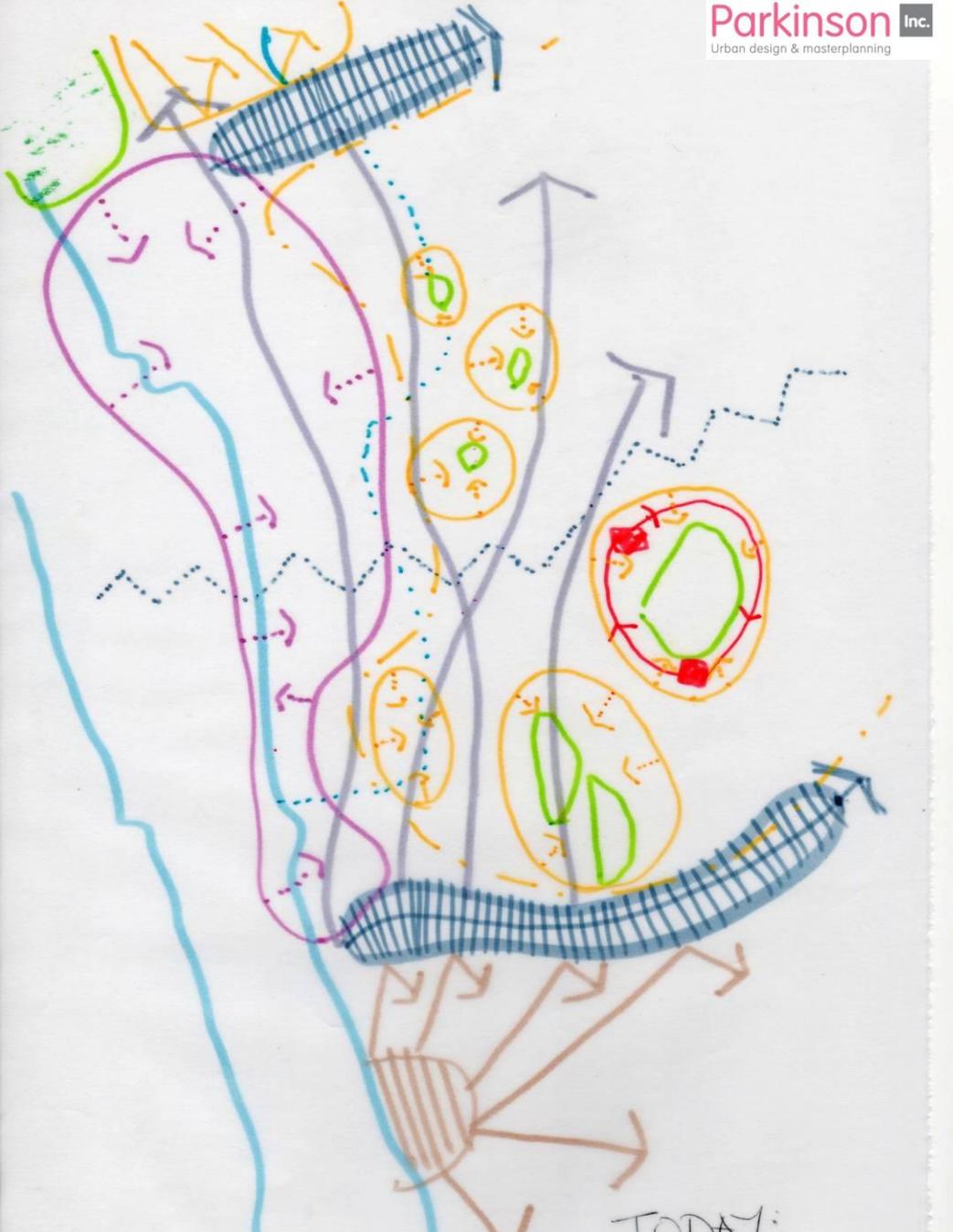
**TODAY**



## Headlines

- The city structure is defined by the strategic highways connections that divide and enclose residential neighbourhoods and dominate first impressions
- Residential neighbourhoods are clustered around city parks, the Leeds and Liverpool Canal and Crosby Coastal Park
- The operational port and Atlantic Avenue (A565) separates city north from the riverbank
- Dunningsbridge Road separates the city suburbs and coastal parks in the north from the city north
- Leeds Street and Islington separate the city north, football stadia and Everton Park from the city centre, city quarters and waterfront

**Today – disconnected neighbourhoods and identities**

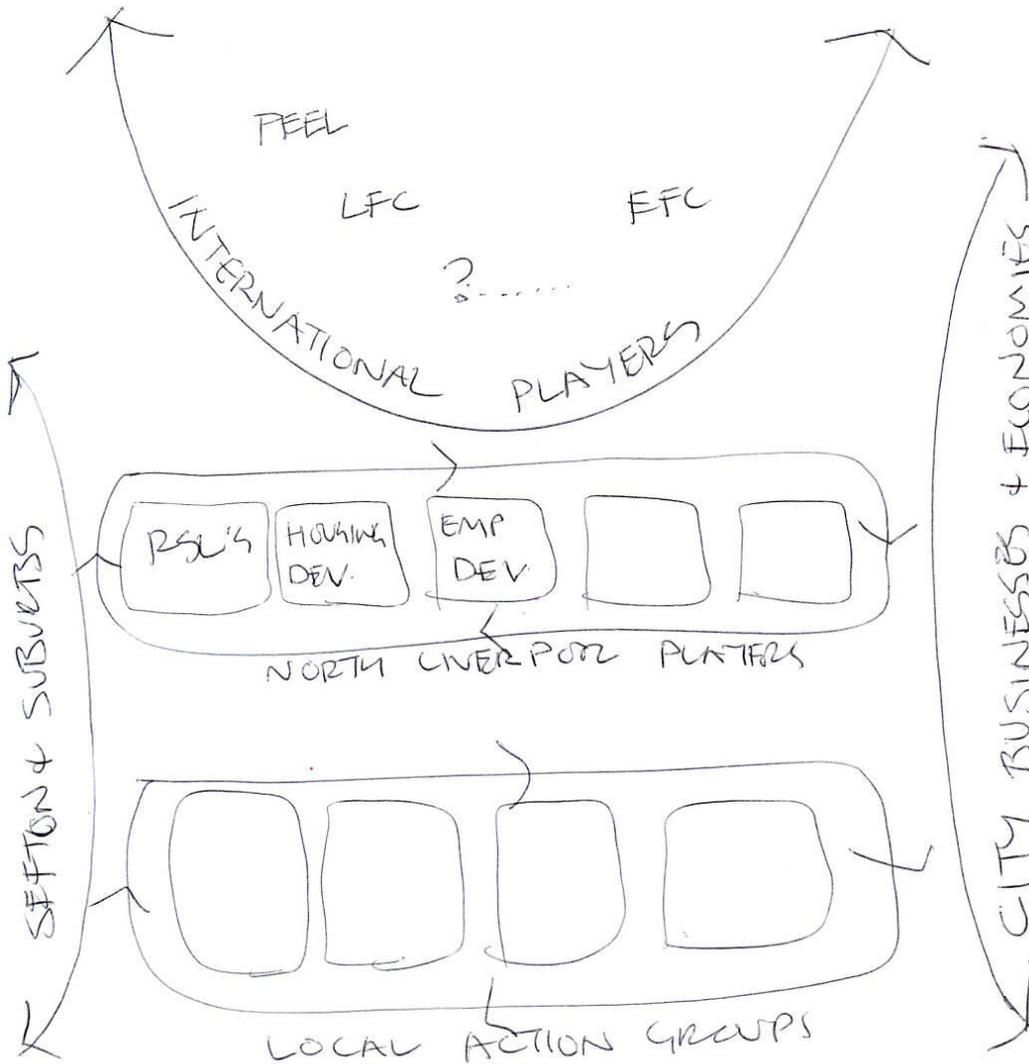


## Headlines

- A disconnected part of the city with no clear identity
- Isolated and introverted residential neighbourhoods and communities
- Isolated and introverted employment neighbourhoods
- Isolated city destinations – football stadia and Everton Park
- Poor quality approaches and arrival for city investors and visitors
- City centre economies are discouraged from expanding north across Leeds Street and Islington
- Valuable rail stations and city infrastructure remains underused
- Valuable environmental assets (canal, city parks) remain hidden and underused
- Connections to the coastline and waterfront are discouraged

**Today – isolated and introverted**

# Consultation Feedback



- Three key 'city investor' groups
  - Local neighbourhoods and action groups
  - City North players
  - International players
- Working in relative isolation, focus is on doing
- Willing to work together given the right circumstances
- Full spectrum of different priorities
  - timescale
    - today/tomorrow, next week
    - this year
    - 5 to 30 + years....
  - city scales
    - site/plot/street
    - neighbourhood/city north
    - city +
  - scale of change
    - plant a tree
    - plant an allotment
    - build 350 homes
    - build an inland port berth

**Today – investment status \_ disconnected**

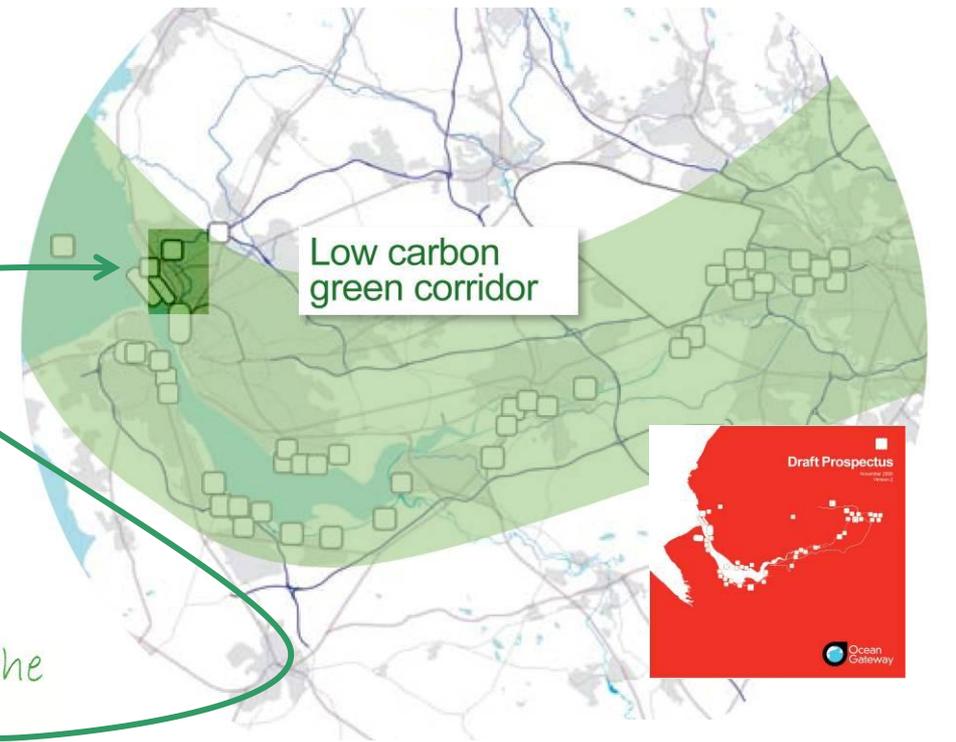
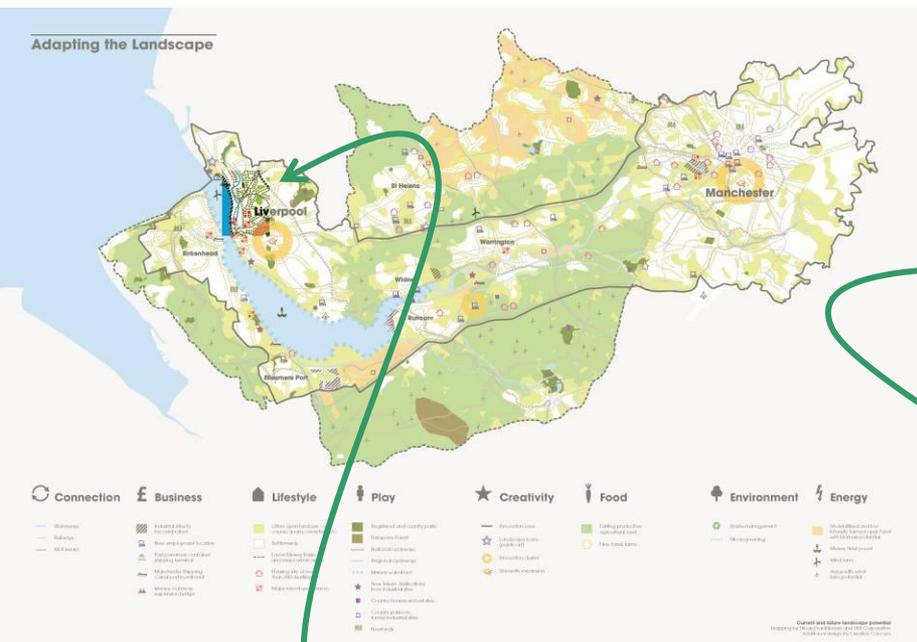
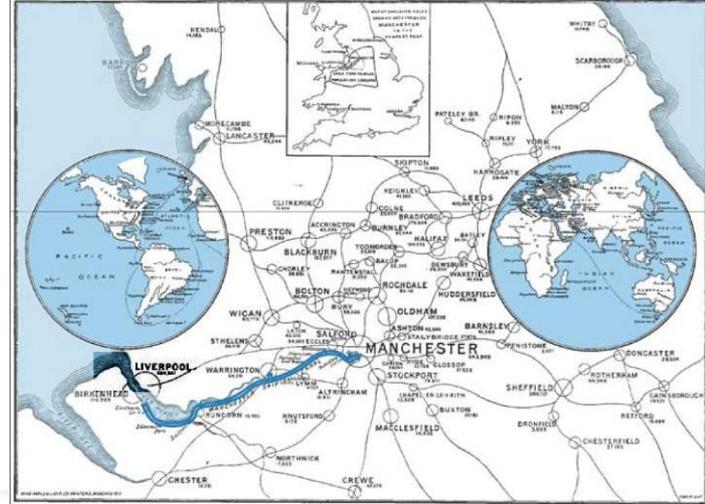
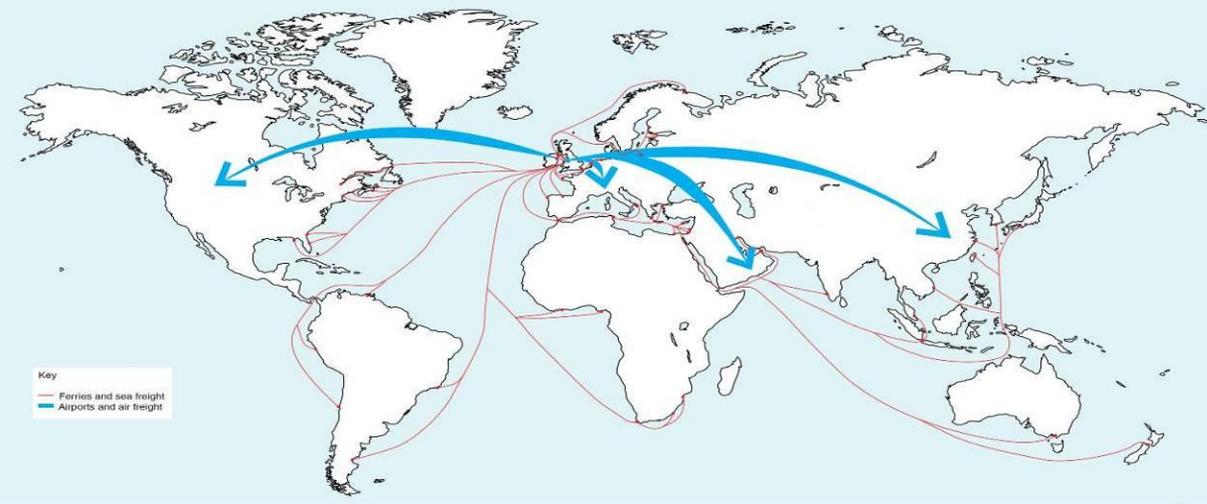
## **‘City investor’ groups...**

- **International players, looking for.....**
  - ...ways to contribute to delivering a ‘bigger picture’ over time
  - ...investment opportunities that are recognisable
  - ... a ‘city north’ distinctive contribution to the Liverpool City Region offer
- **City North players, looking for.....**
  - ...ways to co-ordinate investment, assemble sites and target resources
  - ...collective ways to raise sales and rental values to enable further investment
  - ...deliver recognisable change and raise investor confidence and values
- **Local place and action groups, , looking for.....**
  - ...local projects, starting today that contribute to a longer term change
  - ...ways to gain access to available sites and resources

**Consultation feedback \_ overcome barriers to action and investment**

**GreenPrint**

**Ambition**



*the scale of the GreenPrint opportunity*

# International perspective... city imaging and a clear identity



## St. John's Place development plan

-Westminster Road Liverpool L4 4LQ



- The Rowan  
2 bedroom home
- The Newsham  
3 bedroom home
- The Calderstone  
3 bedroom home
- The Salfon  
3 bedroom home
- Affordable  
3 bedroom home

Where quality lives  
David Wilson Homes

[www.dwh.co.uk/stjohnsplace](http://www.dwh.co.uk/stjohnsplace) Please ask our Sales Adviser for further information.

City north perspective ... connecting investment and attracting more

# A PLAN FOR EVERTON PARK



**Community action perspective – improving lifestyles today.....**





Precedents – Nantes : Green Capital

## Ocean Gateway

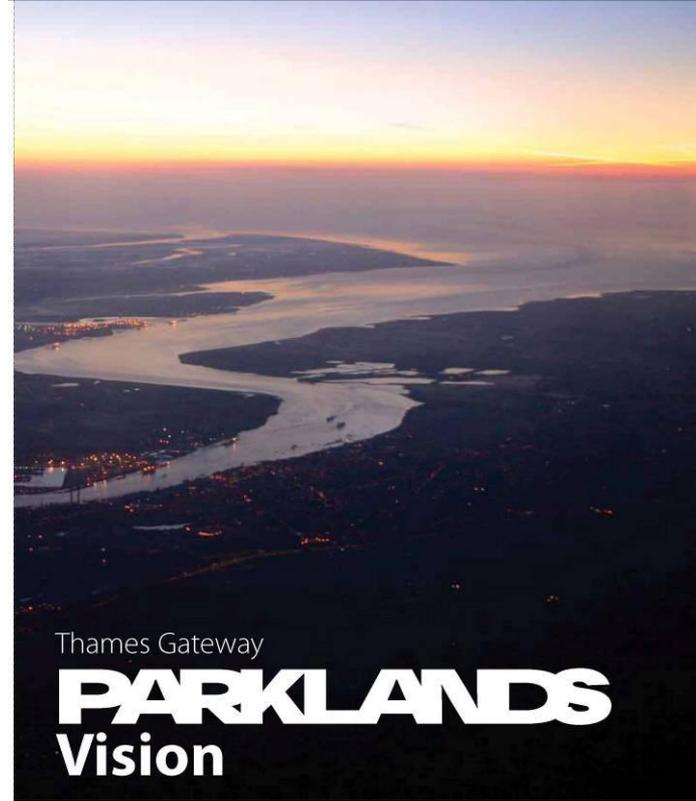


50 Miles



## Thames Gateway

# Precedents - Thames Gateway



Thames Gateway

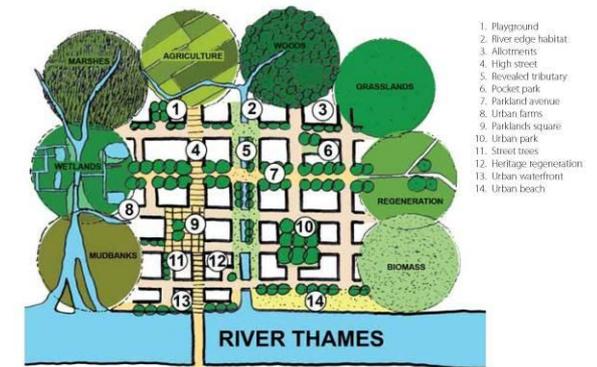
# PARKLANDS Vision

## Urban Parklands

Regenerate and develop urban environments as places of culture and social interaction.

As well as improving blue and green landscapes, Parklands proposes improvement to urban landscapes, which range from dense urban areas to self-contained villages in rural areas.

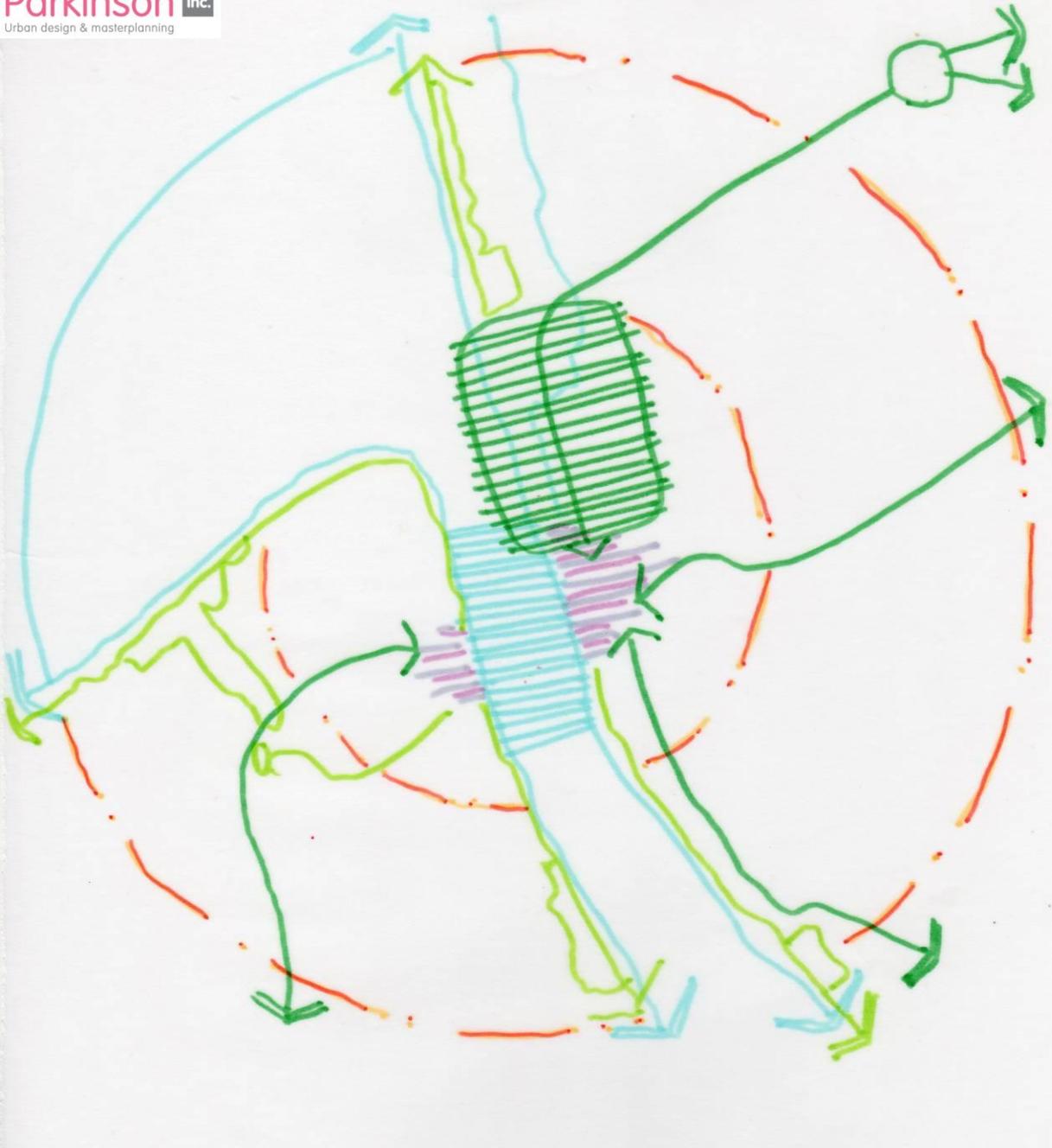
Urban spaces can improve the quality of life for local communities, in terms of improving cultural, social and environmental values. There are also particular health benefits in creating green and open urban areas that provide opportunities for outdoor exercise.



Urban Parklands Model - greening the urban landscape and improving access for existing and new communities to significant landscapes.

**GreenPrint**

**The Great Park**



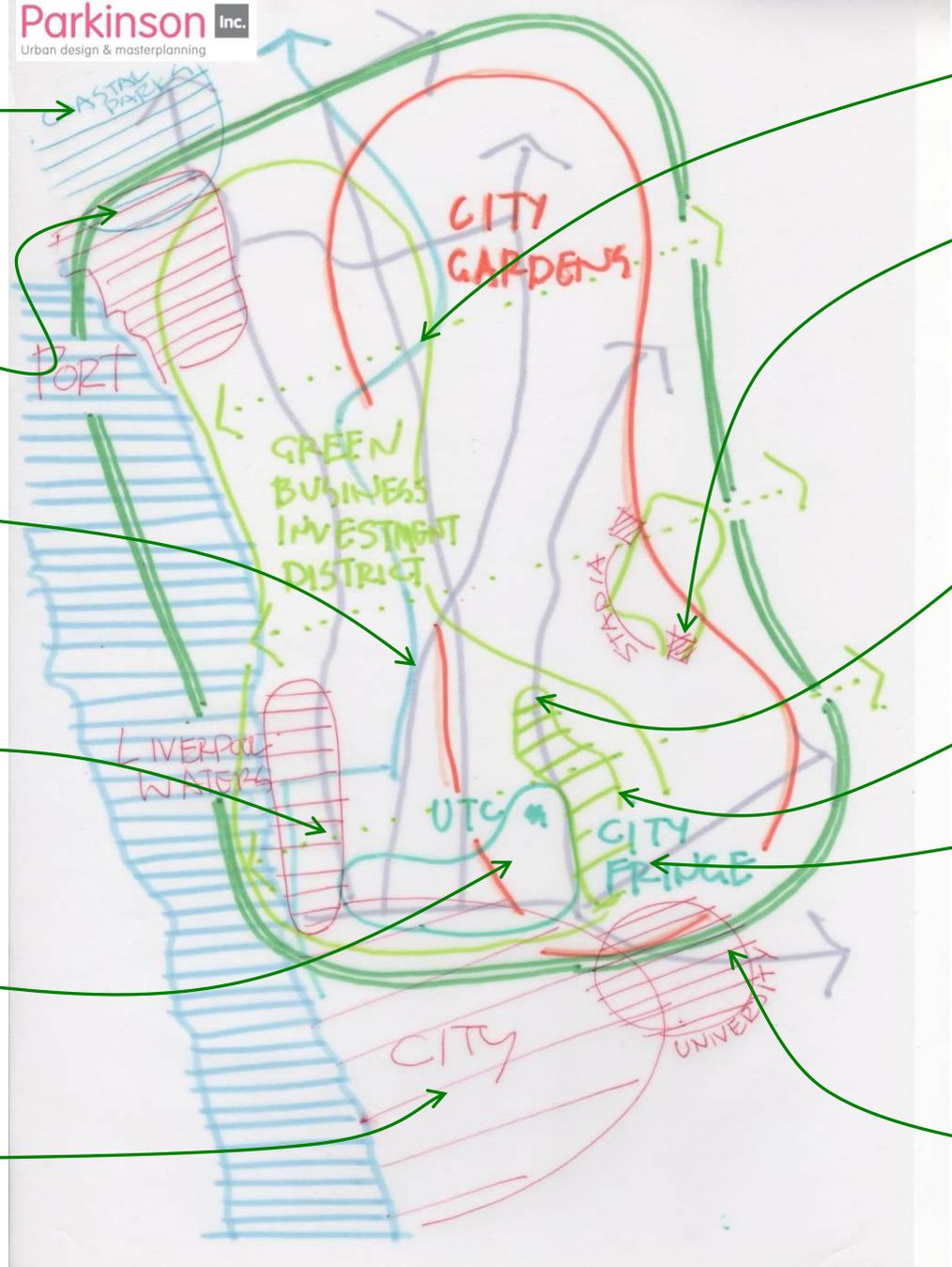
Great Homer Street  
Great Mersey Street  
Great Crosshall Street  
Great Nelson Street.....

**Greenest city park  
in the UK within 10  
years.....**

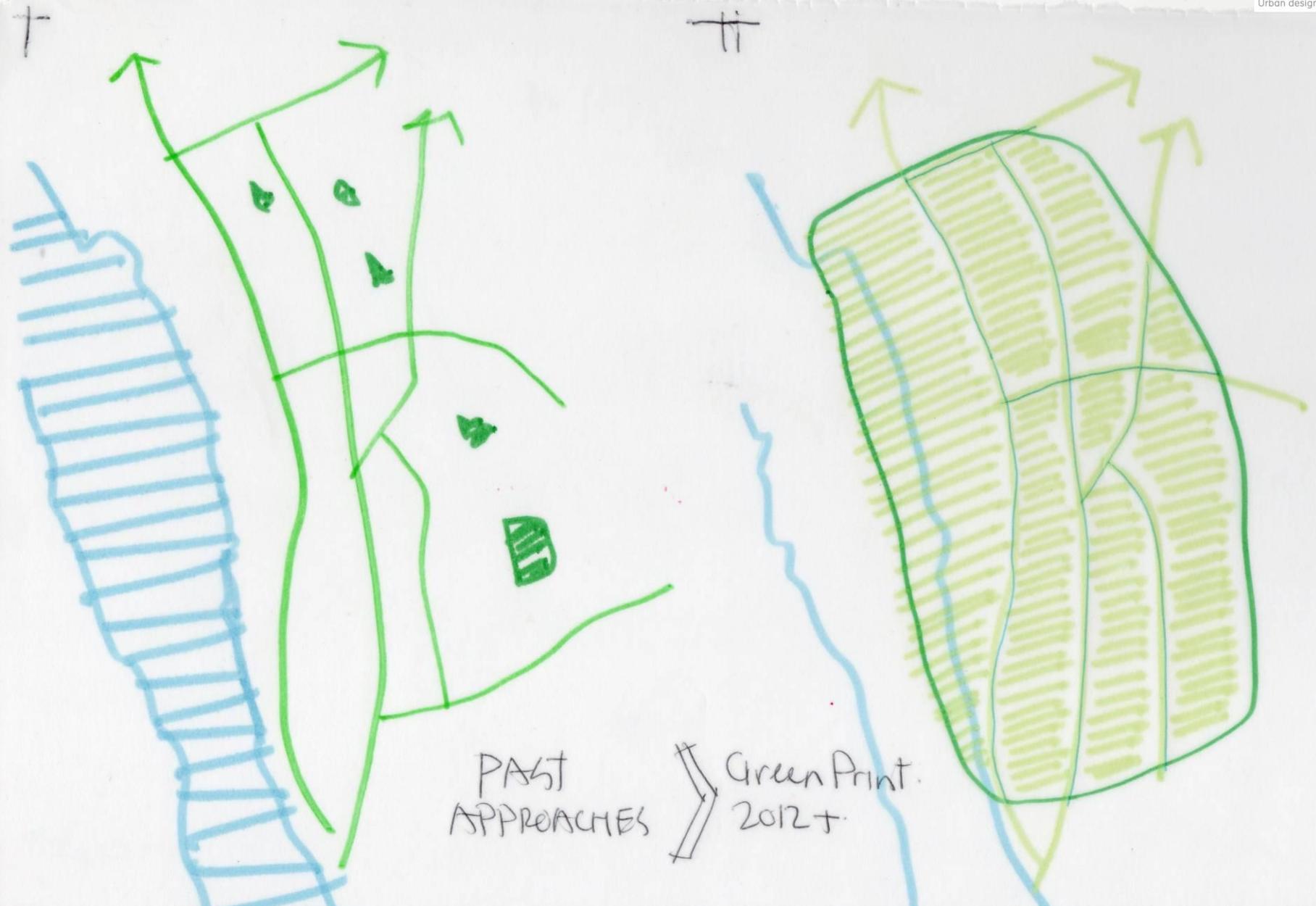
**Capture \*\* tonnes  
of CO2.....**

**10 trees for every  
resident within 10  
years.....**

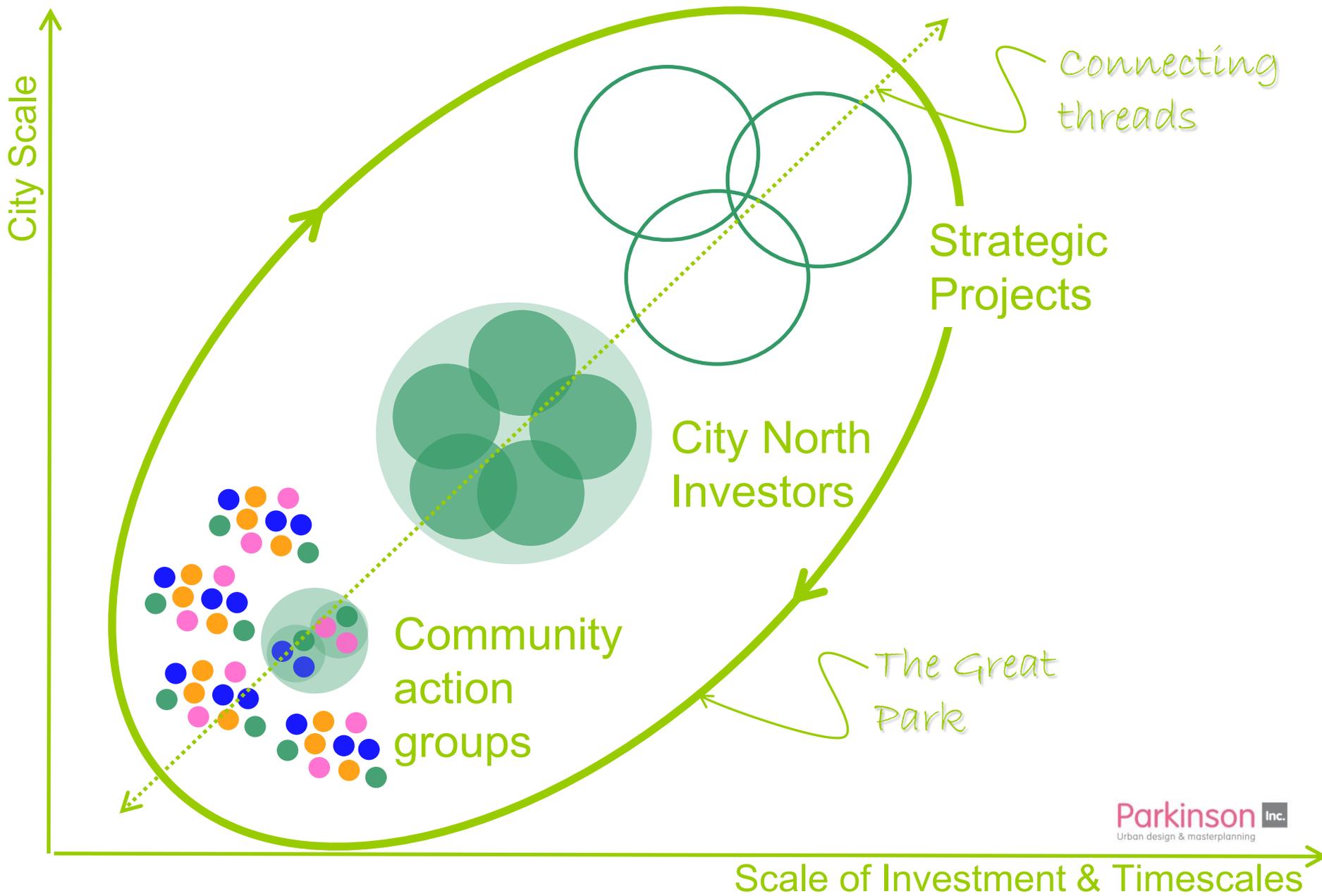
**1000 community  
action projects.....**



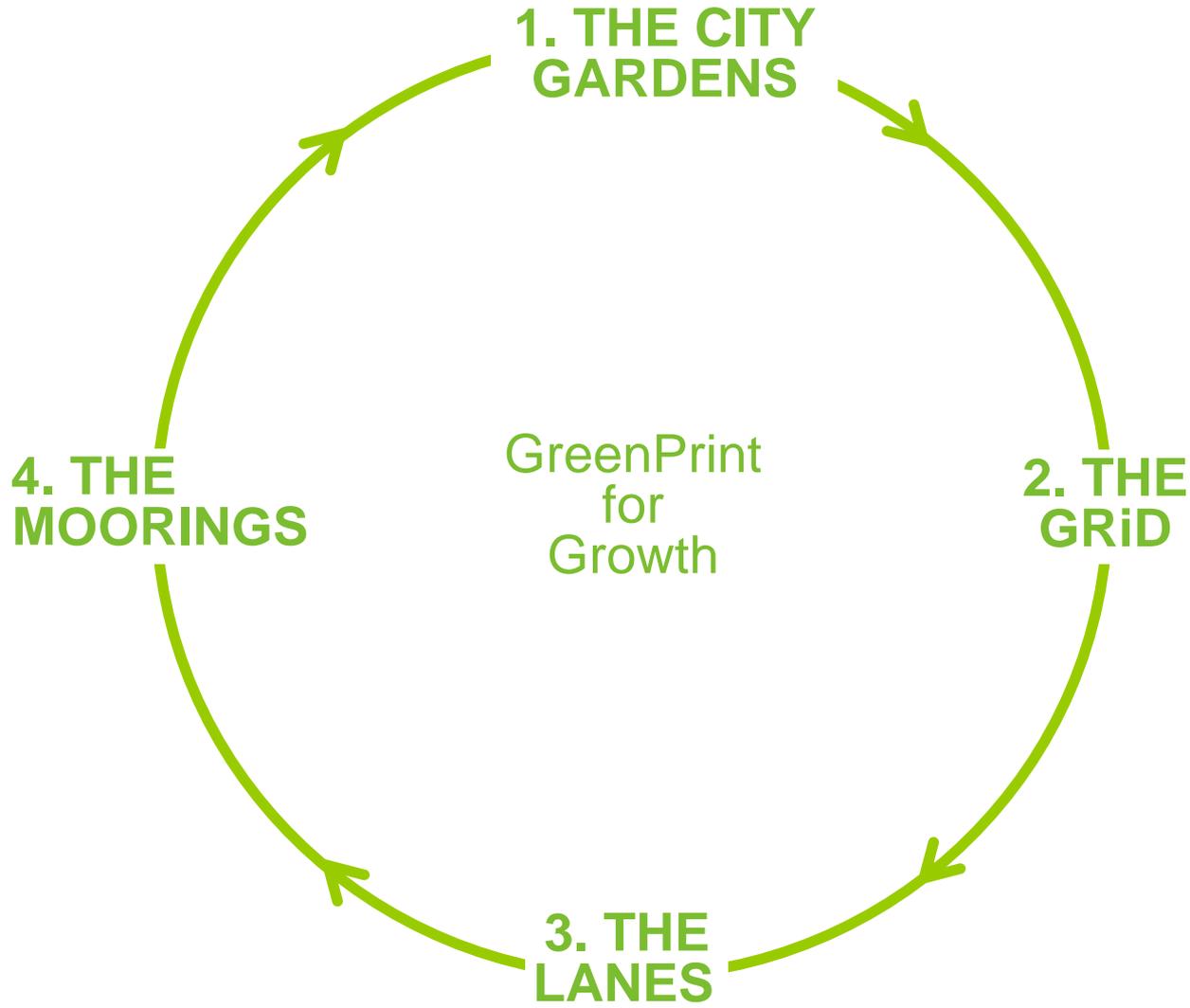
Great Park \_ start with the assets, encourage 'spin in'.....



**Great Park \_ What's new?? \_ from capital projects to city identity, asset management and collective action....**



Great Park \_ What's new?? \_ everyone is able to contribute in their own way.....



**GreenPrint – Great Park Projects**



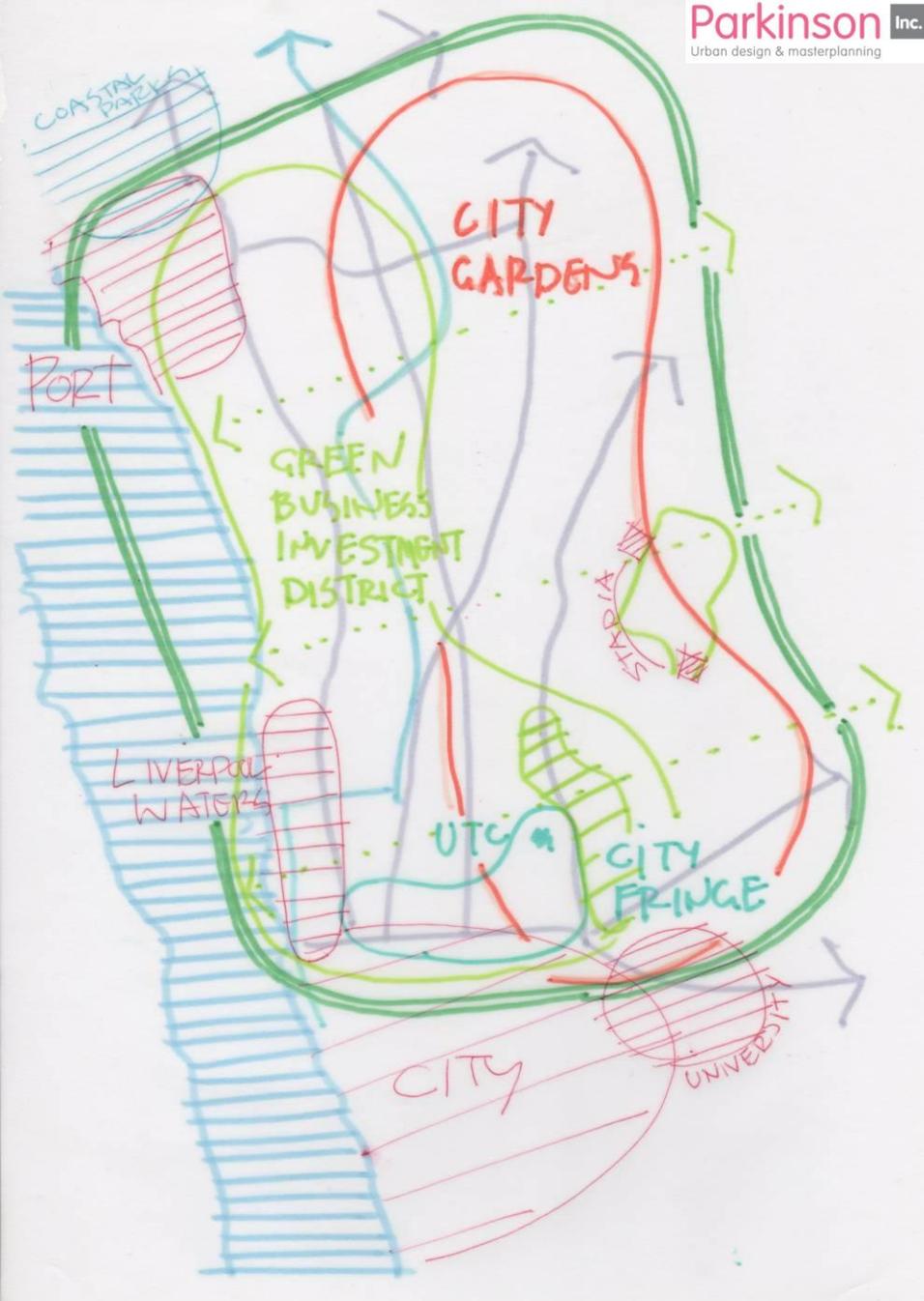
## City Gardens

Strengthen residential neighbourhoods

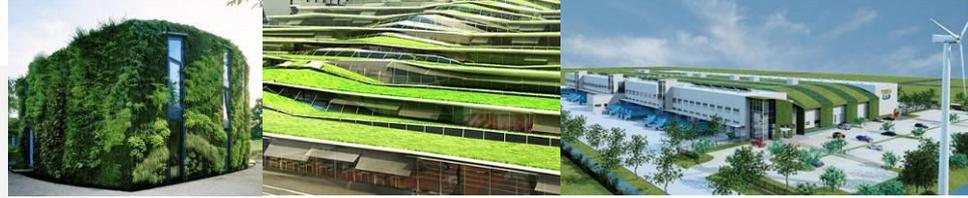
- Gardens
- City farms and allotments
- Pocket Parks
- Forest Schools
- Street trees

Attract residential developers

- Site assembly
- Neighbourhood parks
- Approaches and gateways



## 1. City Gardens



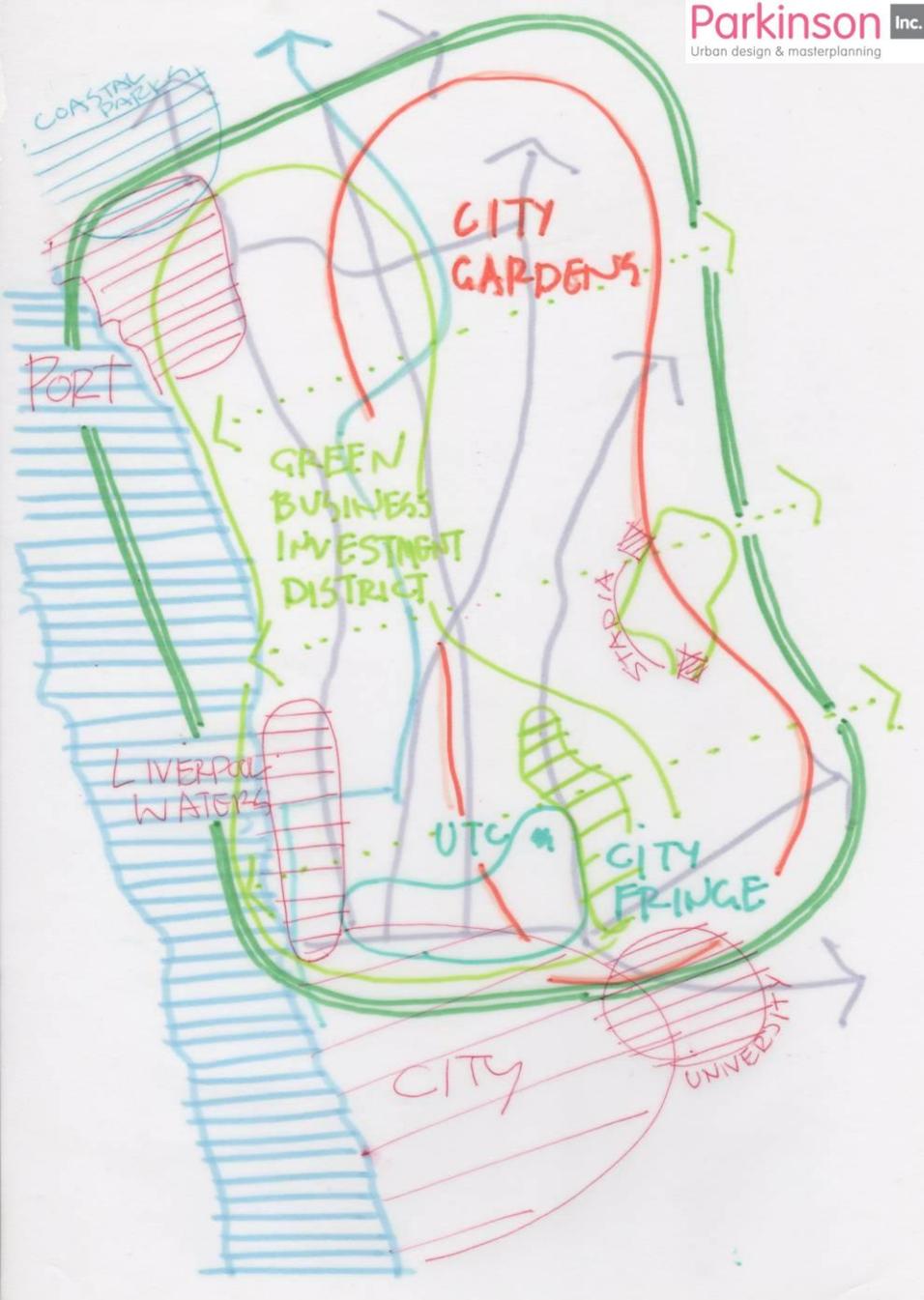
## GRiD

### Support existing economies

- Port and logistics
- Maritime engineering
- Resource recovery
- Fabrication and workshops
- Showrooms and trade retail
- Oils and fuels
- Building supplies

### Attract new economies

- Site assembly
- Green Environmental technologies
- Research and development



## 2. Green Business Improvement District \_ GRiD



**The Lanes** – focus actions along prominent east - west and north - south meeting points:

- Dunningsbridge Road
- Knowsley Road
- Millers Bridge
- Bedford Road
- Great Mersey Street
- Sandhills Lane
- Leeds Street and Islington

**3. The Lanes \_ east west greenways linking to the waterfront**



**The Moorings** – create and manage a land bank formed by clusters of sites/buildings able to accommodate big change to be accessed by local action groups and investors:

- City farming and allotments
- Cultural events and festivals
- Sports and recreation
- Housing
- Employment
- Habitat creation
- Tree planting and woodlands
- Others....

**4. The Moorings** \_ ‘investment ready’ clusters of high profile sites



The making of the Great Park:  
North Liverpool - South Sefton



# The making of the Great Park...



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# Green Infrastructure and Growth

Wales and North West England GI Forum

31<sup>st</sup> October 2012

Iain Taylor

Partnerships Director, Peel Group

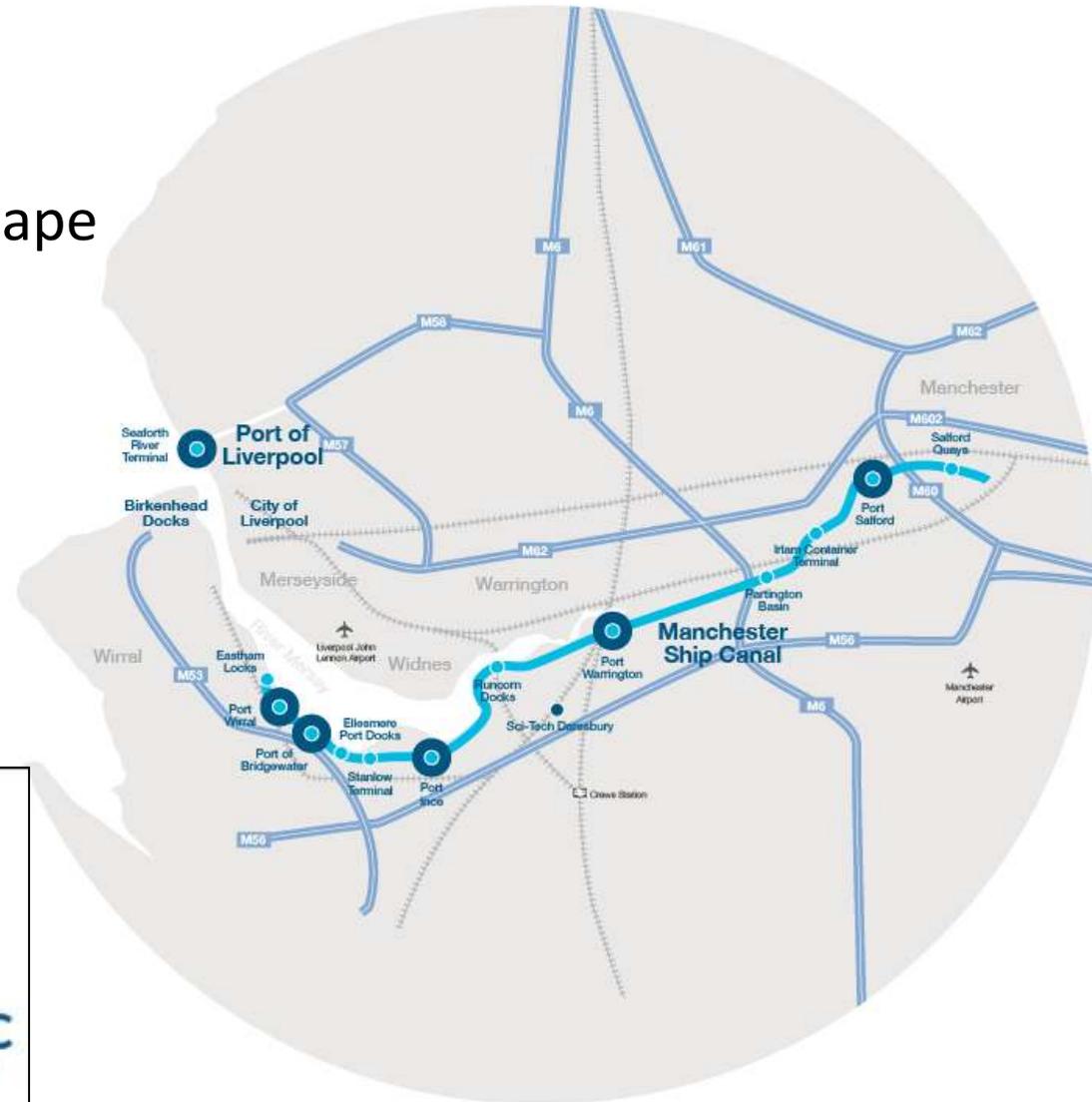
# Introduction

- Update on Atlantic Gateway
- Adapting the Landscape
- Port Salford
- Community Environment Fund



# Atlantic Gateway

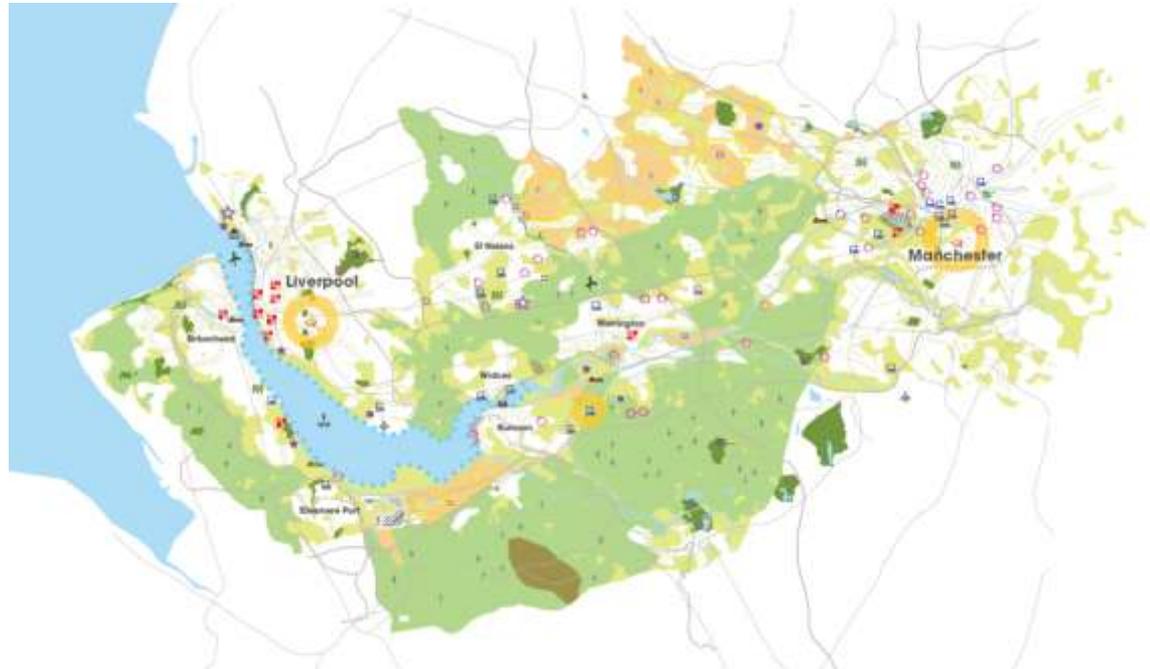
- Sustainability
  - Adapting the Landscape
- Growth
  - Daresbury
  - MediaCityUK
- Infrastructure
  - Ince Park
- Connectivity
  - Ports
  - Airports
  - Bridges



# Adapting the Landscape

- Environmental Strategy (May 2010)
  - Mersey Bioregion – energy, food, climate
  - Innovation Axis – GI, jobs, environmental technology
  - Mersey Playgrounds – waterways, art, landscapes

- Emscher Park
- Thames Parklands



# Port Salford

- Enabling Infrastructure – supported by Salford and RGF
- Contractor appointments imminent, scheme underway Jan '13
- Development of Port infrastructure supported by EU
- Programme of delivery over next 5 years



# Community Environment Fund

- Included in response to LEP proposals – September 2010
- “step change in social and environmental outcomes”
- “voluntary 1% levy on all major development”
- “consistent with ideas of a Big Society”



# Community Environment Fund

- Experiment
- Community Forests Trust – accountable body, funded through interest earned
- Port Salford Pilot – planned contribution of £290,000
- Atlantic Gateway Process
  - Project Review Group
  - Design Review Group
  - AG Board decision
- Match funding, exemplary
- AtL review
- AG Landscape Park



# Thank you

[www.peel.co.uk](http://www.peel.co.uk)

Our aim is to create sustainable environments where  
people and businesses can thrive

Iain Taylor, 0161 629 8366, [itaylor@peel.co.uk](mailto:itaylor@peel.co.uk)

# GI as part of the Local Sustainable Transport Fund

Paul Nolan



**TRAVELWISE**  
MERSEYSIDE®

Promoting walking and cycling by  
making local routes greener and  
more attractive.

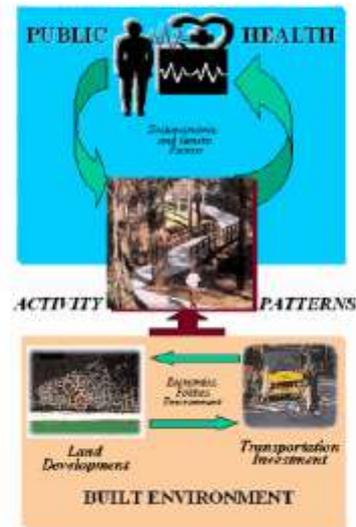
**GREEN STREETS**

**A greener journey to work**

# Evidence

## How Land Use and Transportation Systems Impact Public Health:

*A Literature Review of the Relationship Between Physical  
Activity and Built Form*



ACES: Active Community Environments Initiative Working Paper #1

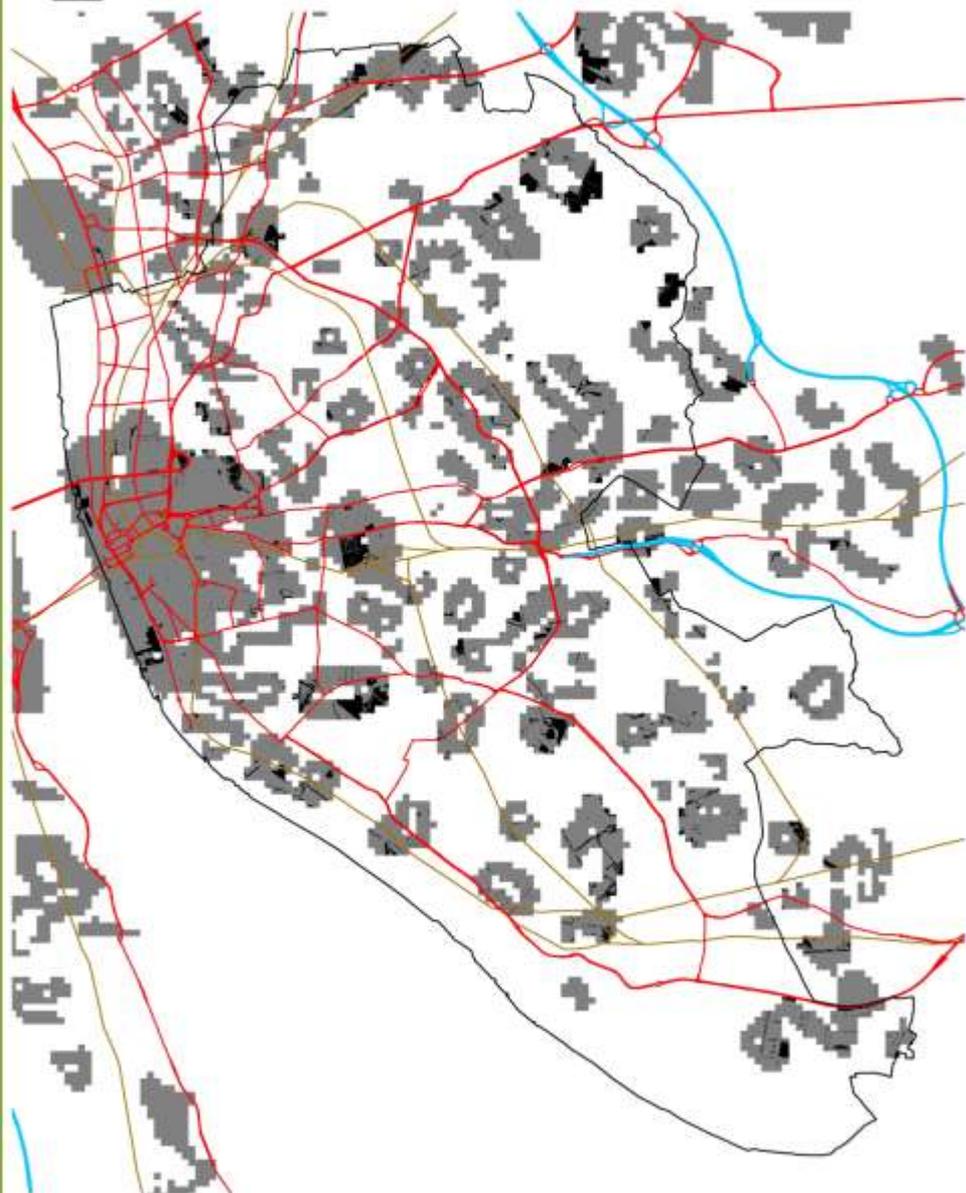
# Dwellings within 5km of each scheme (estimated):

Kirkby	20145
North Liverpool South Sefton	79212
Speke	18147
St Helens	20437
Wirral	57121

# Green Travel Route

■ Need & function  
■ Need but no function

— Motorway  
— A Road  
— Railway

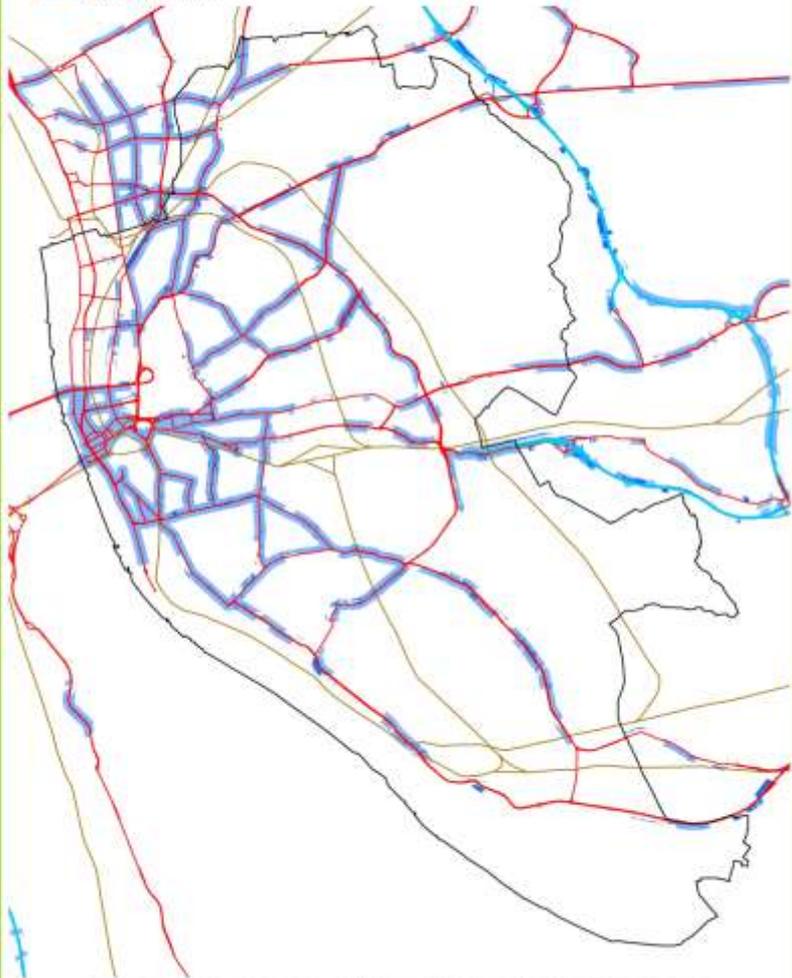


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# Trapping Air Pollutants

- Need & function
- Need but no function

- Motorway
- A Road
- Railway



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# Why did it happen?

- GI Plan in place
- Evidence base
- Track record of delivery
- Ability to engage with the long process

# Opportunities

- Improve evidence base
- Raise awareness of Grey/Green infrastructure combinations - new way of engineering infrastructure.
- Improve health and wellbeing of large group of people in some of our poorest communities
  - Job opportunities
  - Improved physical and mental health