

GM Natural Capital Approach

Valuing Nature Conference

18th/19th October 2017

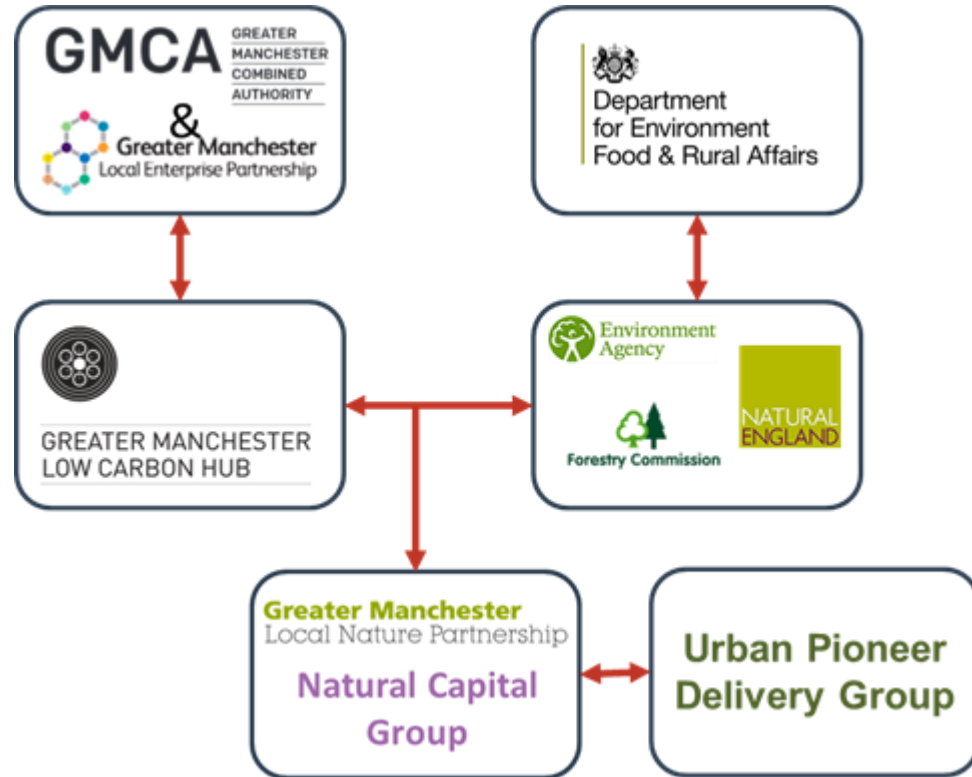
Mayor's Ambition for a Green City Region

“Transform Greater Manchester into a world-leading greener, cleaner city region, improving the health and quality of life for millions of people and protecting our green spaces and environment for future generations”



Mayoral Green Summit
- March 2018

GM Natural Capital Group



Key priorities:

1. Identify the key green and blue infrastructure and biodiversity assets for GM.
2. Quantify the value of key natural environment assets for GM.
3. Develop an investment framework to target resources at our key assets.
4. Act as an ambassador for the natural environment in GM.

Background



25 Year Environment Plan
Piloting and developing it's approach through the 4 asks.



Local Context
Environmental and socio economic challenges found within Greater Manchester and common across all urban areas.



Natural Capital Committee
Test and trial natural capital accounting and using a natural capital approach.



VISION

“

To make a clear and evident contribution to Greater Manchester's natural environment, engaging and connecting people with nature, maximising their health and economic benefits through investment in the environment, creating sustainable growth and a good quality of life.

”

Creating a natural liveable city region

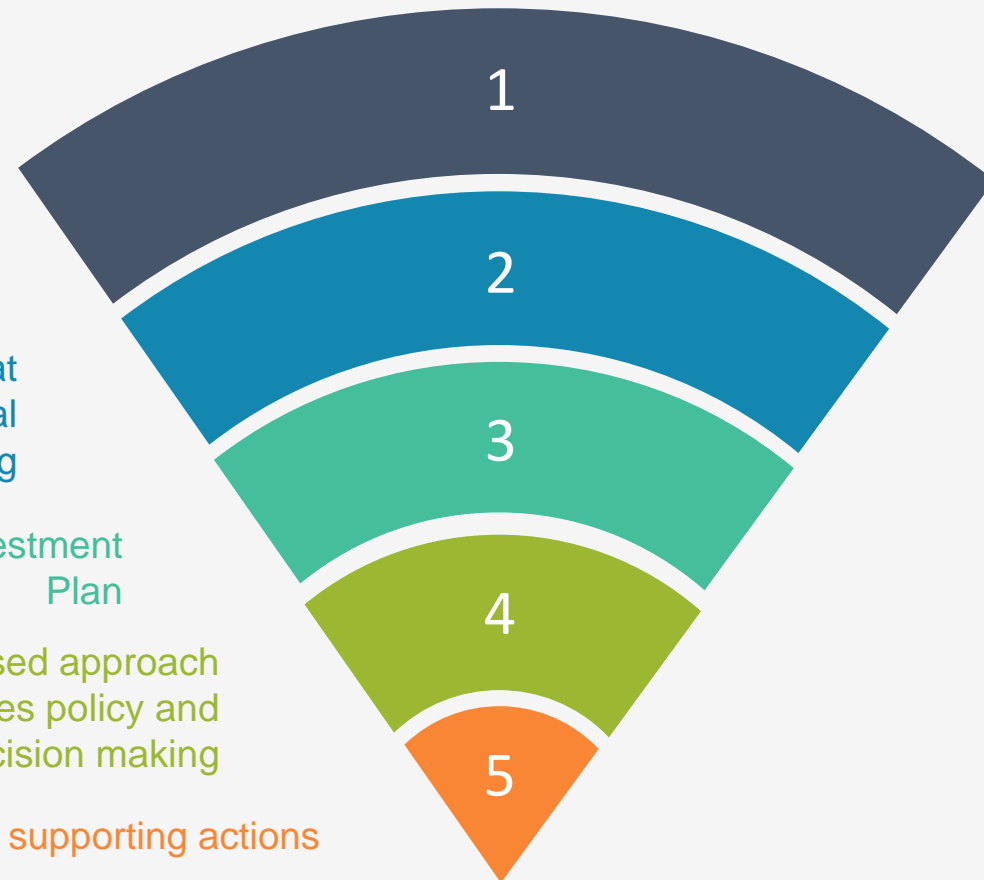
Develop and test a communication & engagement model

Develop a demonstrator project that shows the benefit of a Natural Capital Approach on project funding

Create a Natural Capital Investment Plan

Demonstrate a place based approach to delivery that improves policy and decision making

Cross cutting supporting actions



Creating a natural liveable green city region





Project Start: October 2015

Duration: 10 years

Funding: €20M with €12M from EU



The Natural Course objectives

Integrated water management

Improved water quality

Reduced flood risk

Enhanced biodiversity

Natural Capital & Catchment Based Approach



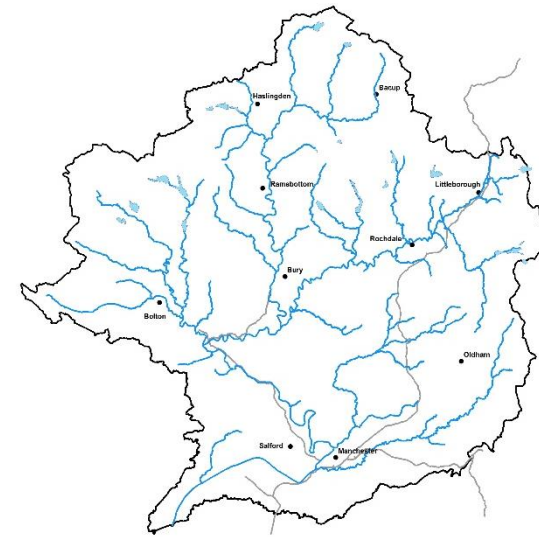
Catchment
Based Approach
Partnerships for Action

The Natural Course approach



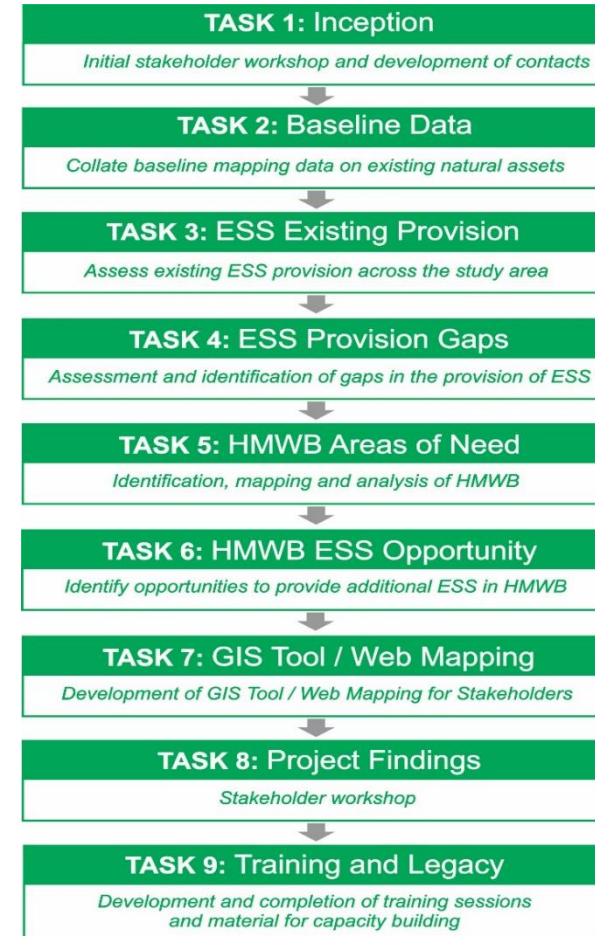
Ecosystem Services Opportunity Assessment

- Identify reaches of heavily modified channel in the IMC.
- Carry out interventions to help re-naturalise the channel and improve the ESS they provide.
- Mobilise funds from new sources illustrating the benefits that a more naturalised channel can bring from a natural capital perspective.



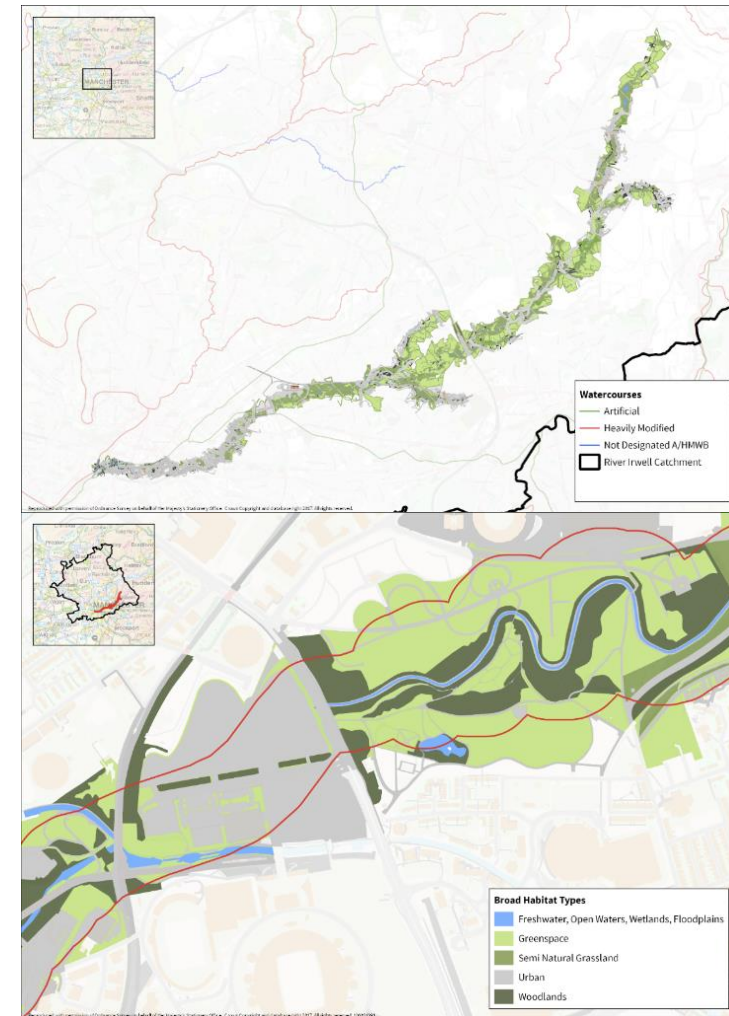
Aim and Process

- Produce an ecosystem services (ESS) assessment for the Water Framework Directive's Irwell Management Catchment (IMC).
- Provide the evidence base to promote investment and delivery of opportunities to protect and enhance its natural capital.



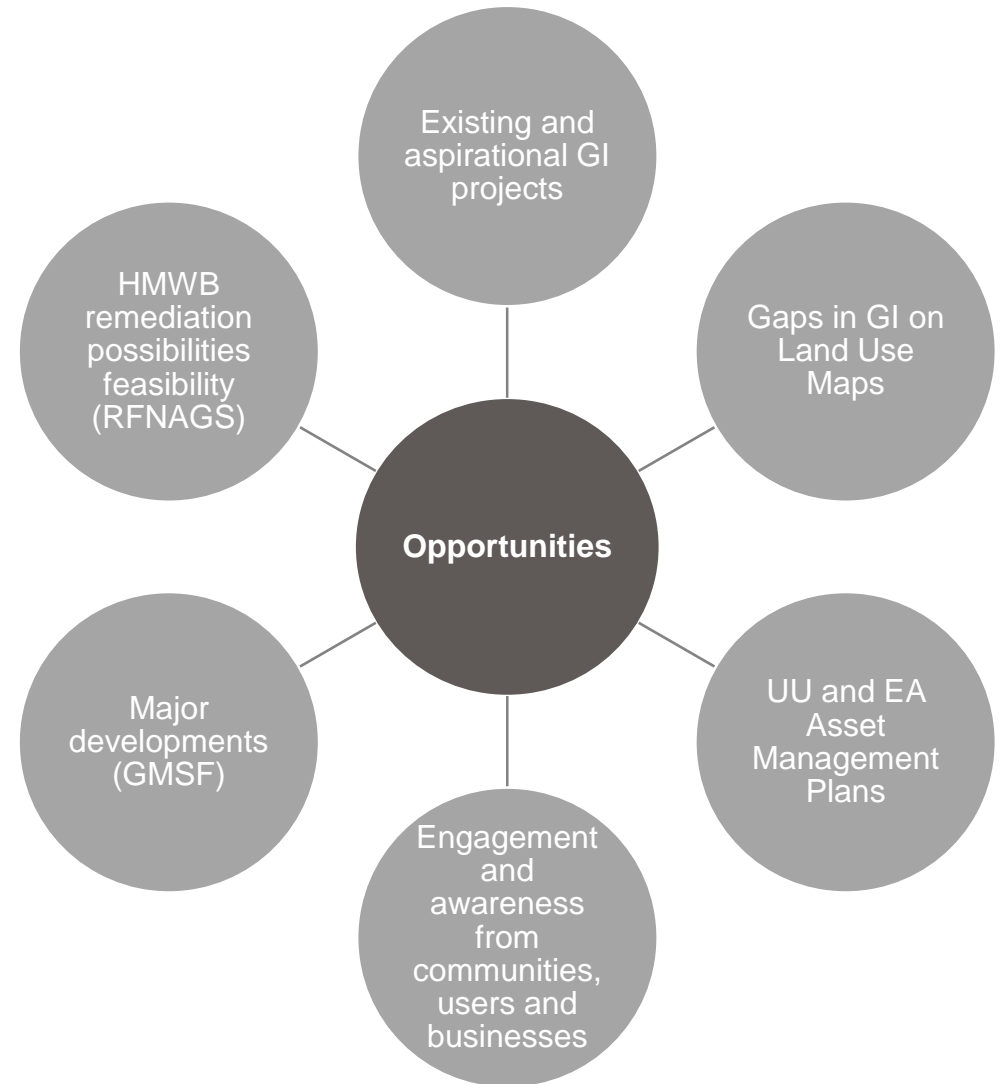
Pilot Study

Broad Habitat Types	Main Sub Habitat Types
Mountain, Moorlands and Heath	Heath / Moorland
Semi Natural Grassland	Grassland
Farmland	Arable / Silage Grazed
Woodlands	Broadleaved Ancient Mixed Coniferous
Freshwater, Open waters, wetlands & floodplains	River Lake Canal Reservoir Ponds
Urban	Buildings Industrial / Commercial Road Railway Brownfield (Derelict) Residential
Greenspace	Park Sports Facilities Religious Grounds Allotments Amenity Camping Private Garden Educational Grounds Other



Opportunity Generation

- Habitat Mapping
- Natural Capital Economic Value
- HMWB Analysis
- Current and Future Projects Mapping
- OPPORTUNITIES



Useful links

- Ecosystem Knowledge Network and Spatial Planning Resources
<http://ecosystemsknowledge.net/resources/resources-theme/spatial-planning>
- Assessing natural capital and ecosystem services. The case of the Nene Valley and embedding ecosystem services in the South Downs Local Plan
<http://ecosystemsknowledge.net/events/webinars/library>
- Natural Capital Investment Strategy for Surrey
<https://surreynaturepartnership.files.wordpress.com/2015/11/naturally-richer-a-natural-capital-investment-strategy-for-surrey.pdf>
- Marches LEP Natures Worth and Investment Prospectus
<http://www.marcheslep.org.uk/downloads/>
- Defra Local Action Project and Bounty Tool
http://urbanwater-eco.services/wp-content/uploads/2016/04/16-04-07_Local_Action_Project_MANCHESTER_low.pdf
<https://demos.the-iea.org/WS20161130/>
- Natural Capital Planning Tool
http://www.rics.org/Global/Natural_Capital_Planning_070116_dwl_aj.pdf



Thank you

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For more information:

www.gmlowcarbonhub.com/

https://www.greatermanchester-ca.gov.uk/info/20005/green_city_region

<http://naturalcourse.co.uk/>

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