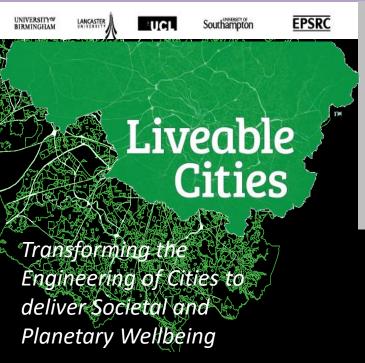
### A New Governance Model for City Green Estates



### Research findings:-

- Municipal Governance
- Municipal Finance
- Municipal Planning

Birmingham City
Council
Leader- leading
global green city;

Planning- (2031) 150,000 population; 51,300 new homes;

#### **Presentation:**

- The Story
- The Measures
- The World
- The Opportunity



The whole picture 'Synoptic narrative'

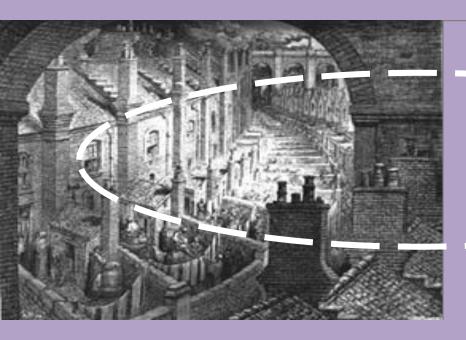
Systems mapping for 'The environmentally illiterate'

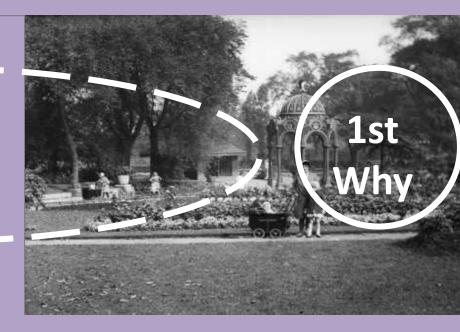
Nick Grayson, Climate Change & Sustainability Manager, Senior Research Fellow, University of Birmingham



UNIVERSITYOF BIRMINGHAM

# The Story









### The Measures

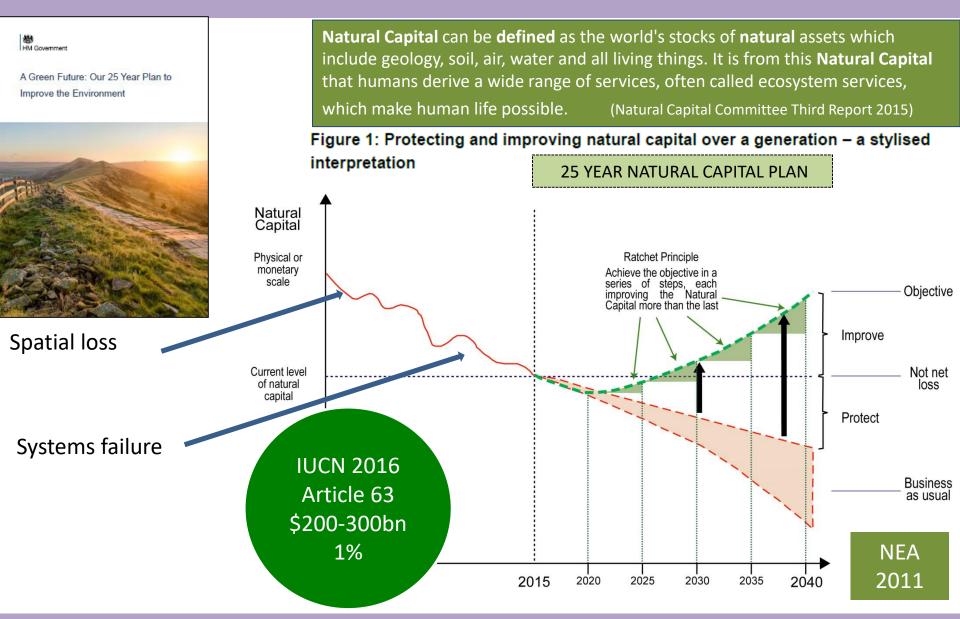
**Definition** - the benefits provided by ecosystems that contribute to making human life both possible and worth living





Emphasizes
service production
but the story is
also about
consumption....

### The Measures



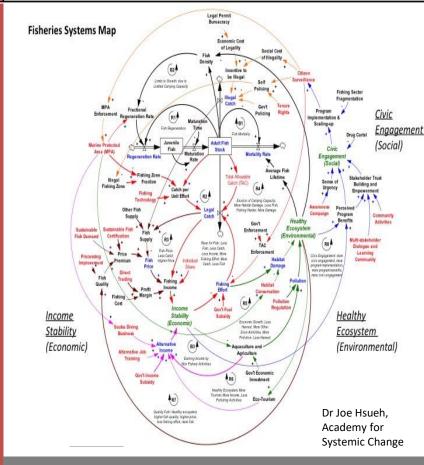
### The Measures



Biodiversity
Education
Recreation
Local Climate
Flood Risk
Aesthetic &
mobility

The Multi-layered Challenge map for Birmingham

NEA 2011 A Systems Approach – (painting ?)



Fisheries Map Gulf of Mexico

Systems approach-

Who are the main beneficiaries?

High Demand, Low Supply

Low Demand, High Supply

### The World

### **Gross Ecosystem Product**

#### **NEW SYSTEM OF GREEN FINANCE**



natural capital Liveable Cities: Beijing Dalian Shenzhen Shanghai

GEP – the total value of ecosystem goods and services supplied annually

- China State Council, March 2014



# SUSTAINABLE GALS DEVELOPMENT





























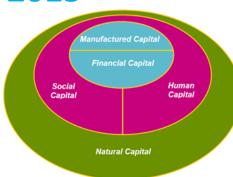








**2015** 



Source: Forum for the Future (2013)
Five essential capitals for human wellbeing



UN CLIMATE CHANGE CONFERENCE



A Green Future: Our 25 Year Plan to Improve the Environment





Ministry of Housing, Communities & Local Government

National Planning Policy Framework

Draft text for consultation

March 2018 Ministry of Housing, Communities and Local Governmen





Government Response to the Communities and Local Government Select Committee Report: The Future of Public Parks

Presented to Parliament by Marcus Jones MP, Minister for Parks and Green Spaces for Communities and Local Government by Command of Her Majesty

September 2017

Cm 9503





#### URBAN GREEN SPACE IS THE BIGGEST CONNECTION

Department for Environment, Food & Rural Affairs (Defra)
Department of Health (DH)
Department for Education (DfE)
Department for Culture, Media & Sport (DCMS)



Home Office (HO)

Department for Business, Energy & Industrial Strategy (BEIS)
Department for Work and Pensions (DWP)

#### **Communities of Practice**

Governance

Planning & Housing

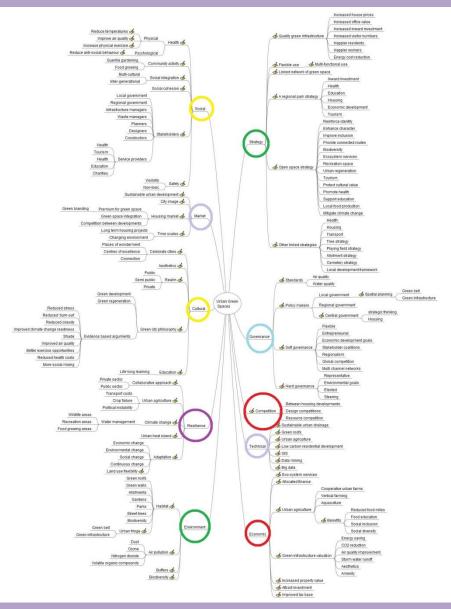
Environmental

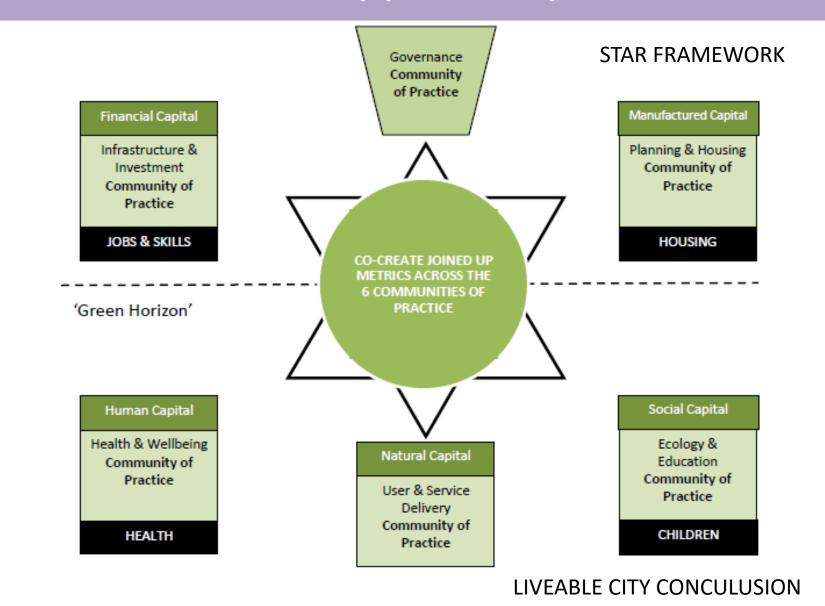
Social & Cultural

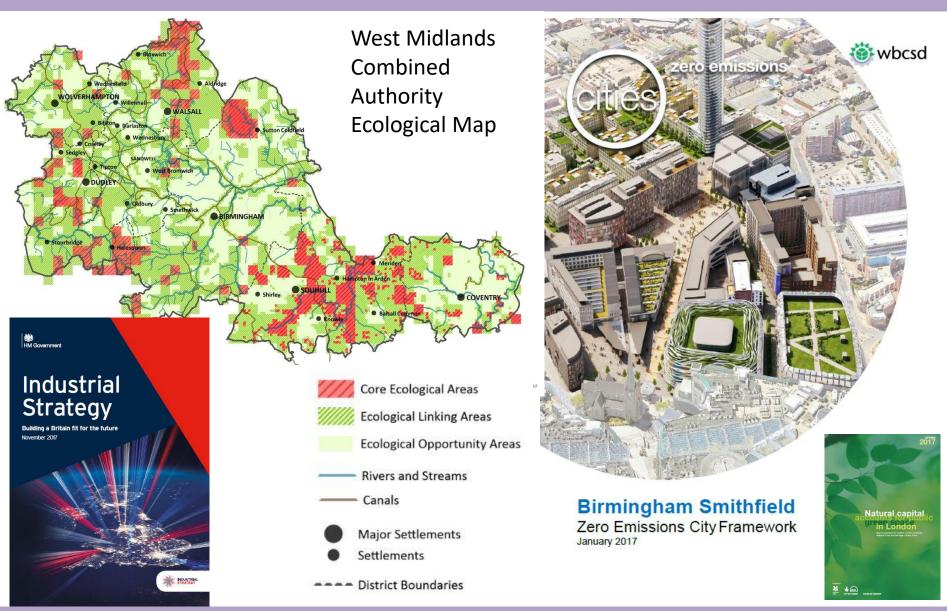
Resilience & Health

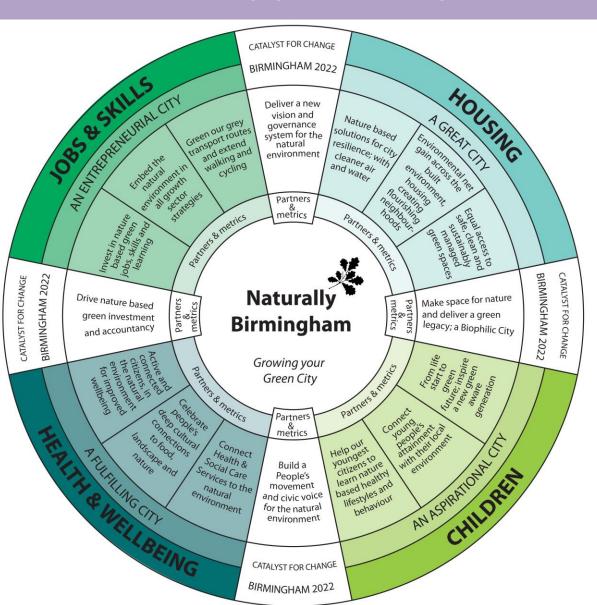
**Economy & Infrastructure** 

Who are the 'hidden' beneficiaries?







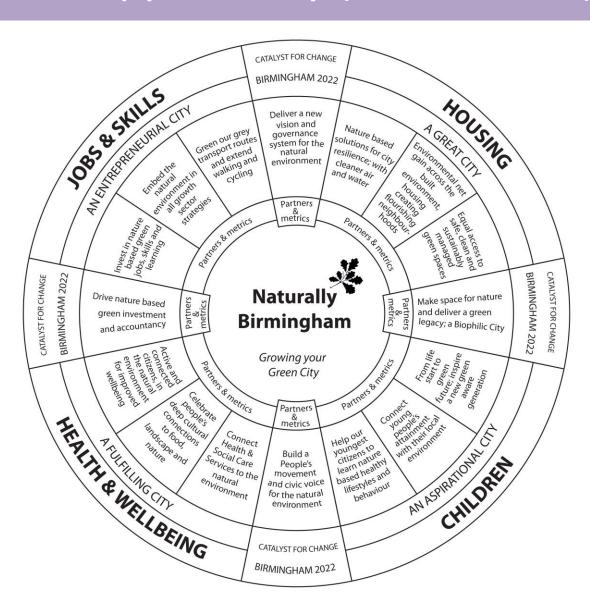


# The Opportunity (Cross-check)

The 5 Capitals
Financial
Manufactured
Social
Human
and
Natural

Framework
For the
25 Year
Environment
Plan

ParksInquiryquestions



# Research Findings:

- Municipal Finance
- Municipal Planning
- Municipal Governance

Delivery
mechanism
for a
Biophilic
City & Natural
Capital
Investment
Trust

### A New Governance Model for City Green Estates

BiophilicCities - Cities that achieve a deep affinity with nature



### A New Governance Model for City Green Estates

### **Questions & Answers?**

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http://www.birmingham.gov.uk/greencommission

http://www.birmingham.gov.uk/greenlivingspaces

http://www.birmingham.gov.uk/plan2031

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