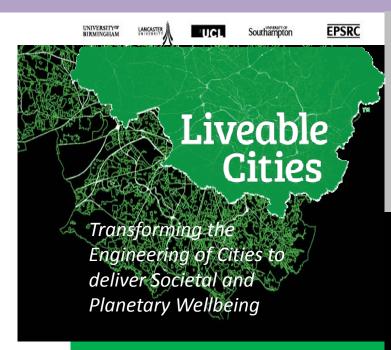
A Systems Change for Parks



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

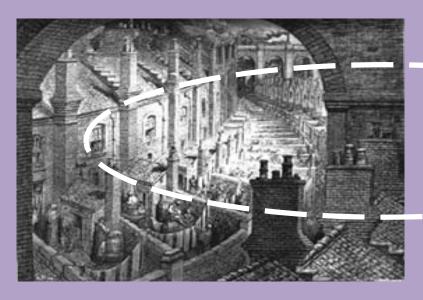




APSE Annual Seminar- 2018- Greener, Cleaner, Smarter- Making the Invisible- Visible

UNIVERSITYOF BIRMINGHAM

The Story





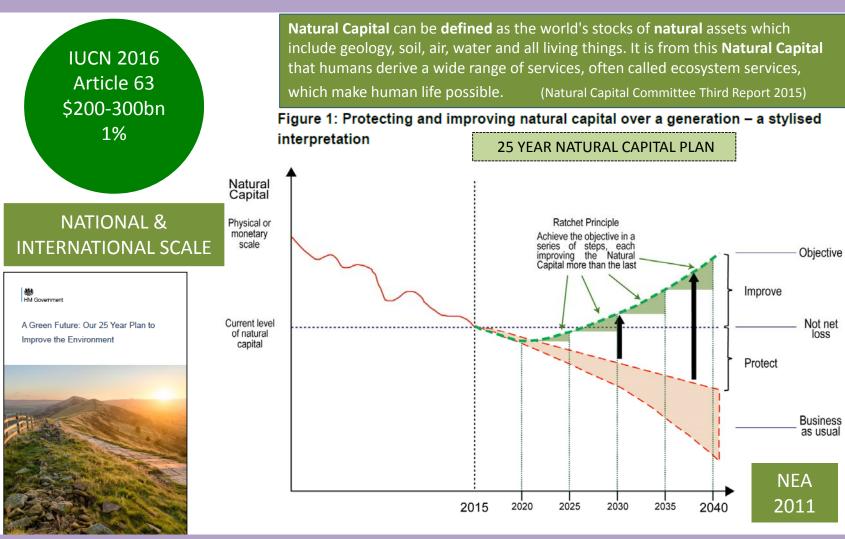






APSE Annual Seminar- 2018- Greener, Cleaner, Smarter- Making the Invisible- Visible

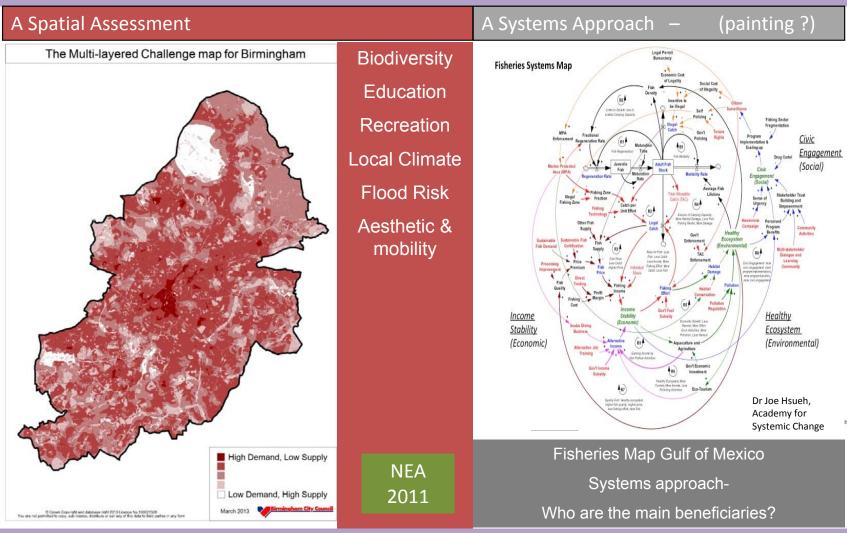
The Measures





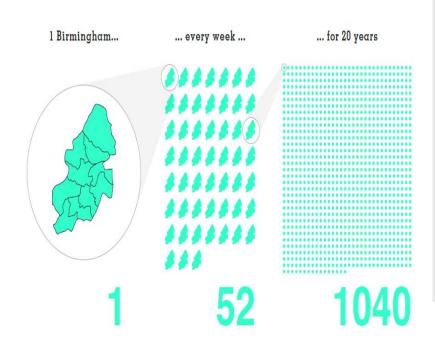
APSE Annual Seminar- 2018- Greener, Cleaner, Smarter-Making the Invisible-Visible

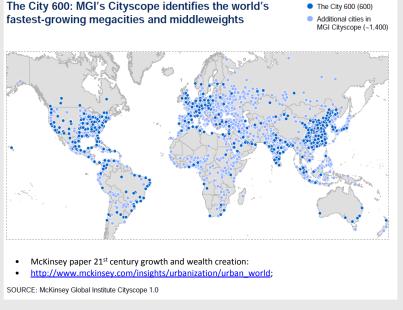
The Measures





The World





20 YEAR PATTERN OF GLOBAL GROWTH "Patient Money"



Climate Alliance

Climate Alliance represents \$21 Trillion Dollars of global investment awaiting climate proofing

We need to build the equivalent of one Birmingham α week around the globe for the next 20 years if we are to house the growing urban populations.

THE FARRELL REVIEW INTRODUCTION

The World

Gross Ecosystem Product NEW SYSTEM OF GREEN FINANCE 200 M people being paid t restore natural capital Liveable Cities: Beijing Dalian Shenzhen Shanghai -Ò GEP - the total value of ecosystem goods and services supplied annually natural capital 2015 - China State Council, March 2014 PROJECT **Mark Carney**

SUSTAINABLE GALS DEVELOPMENT GALS

































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



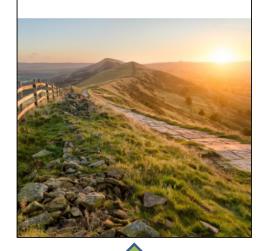


FINANCIAL

TIMES



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

Ministry of Housing, Communities and Local Government





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

Presented to Pulliament 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

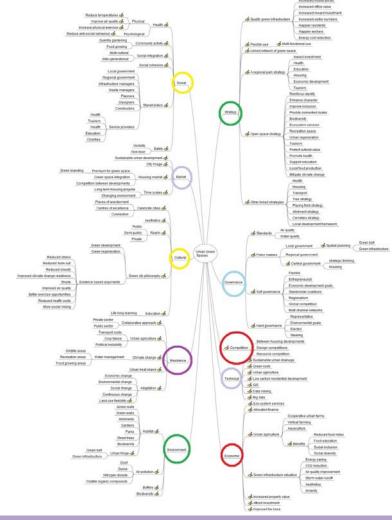
Environmental

Social & Cultural

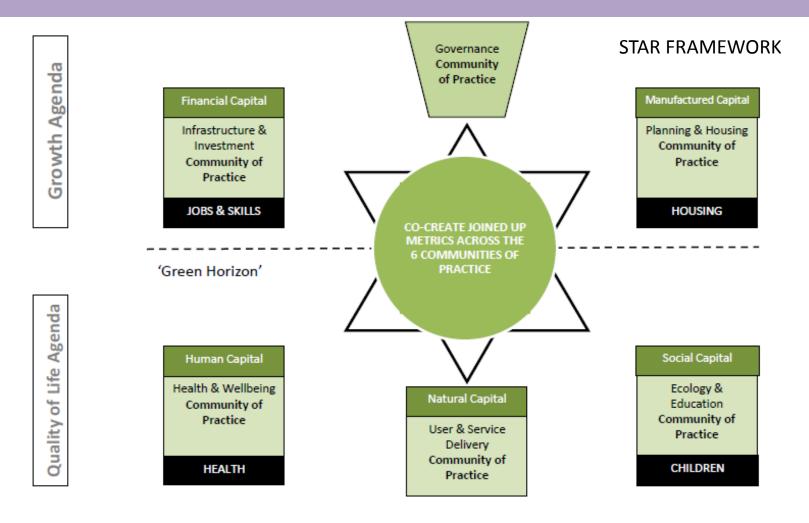
Resilience & Health

Economy & Infrastructure

• Who are the 'hidden' beneficiaries?

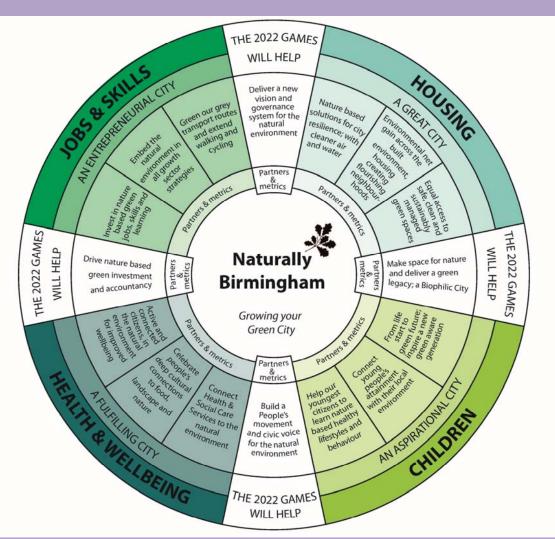






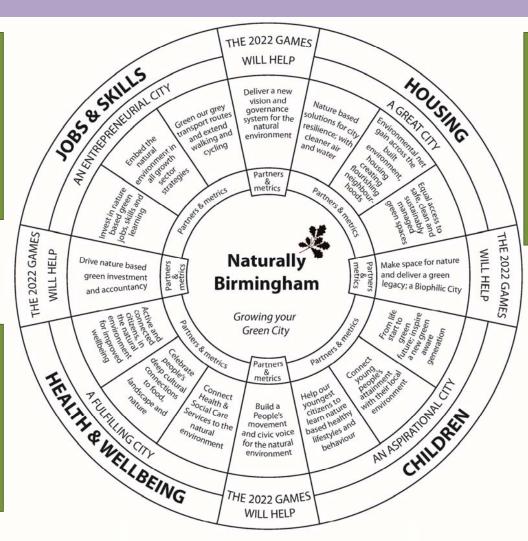






The 5 Capitals
Financial
Manufactured
Social
Human
and
Natural

A
Framework
For the
25 Year
Environment
Plan
City & region



Research Findings:

- Municipal Finance
- Municipal Planning
- Municipal Governance

Delivery mechanism for a Biophilic City & Natural Capital Investment Trust

A Systems Change for Parks

BiophilicCities - Cities that achieve a deep affinity with nature





A Systems Change for Parks

Questions & Answers?

Nick Grayson, Climate Change & Sustainability Manager, nick grayson@birmingham.gov.uk

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

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

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

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http://liveablecities.org.uk/

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PROSPERITY



