Could Parks Services be facing a new future?

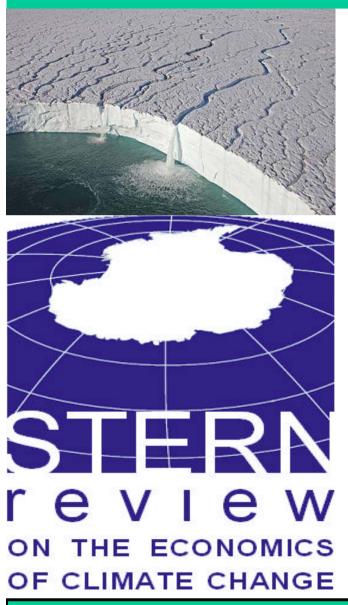


Nick Grayson
Climate Change &
Sustainability Manager
Birmingham City
Council

November 2013

"Metanoia"







2006 Stern Report:-

- •The cost of reducing emissions could be limited to around 1% of global GDP;
- •It requires a partnership between the public and private sector, working with civil society and with individuals.
- •Land-use planning and Adaptation action should be integrated into development policy and planning at every level; accurate evidence required for every location.

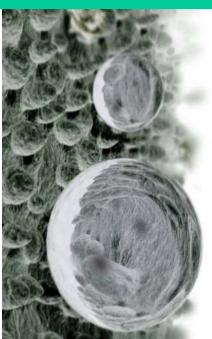
2013 - update:-

•Sir Nicholas Stern: 'I got it wrong on climate change – it's far, far worse'

"We the mayors and governors of the world's leading cities. ask you to recognise that the future of our globe will be won or lost in the cities of the world."

Copenhagen Climate Change communiqué, December 2009





- Masdar
- •Biomimicry 3.8
- •CH2MHill

UK Statistics 2012

% UK classified as urban?

% of UK population living as urban?

% urban areas not built form?

% total of England built on?

% GHG & natural resources – global cities?

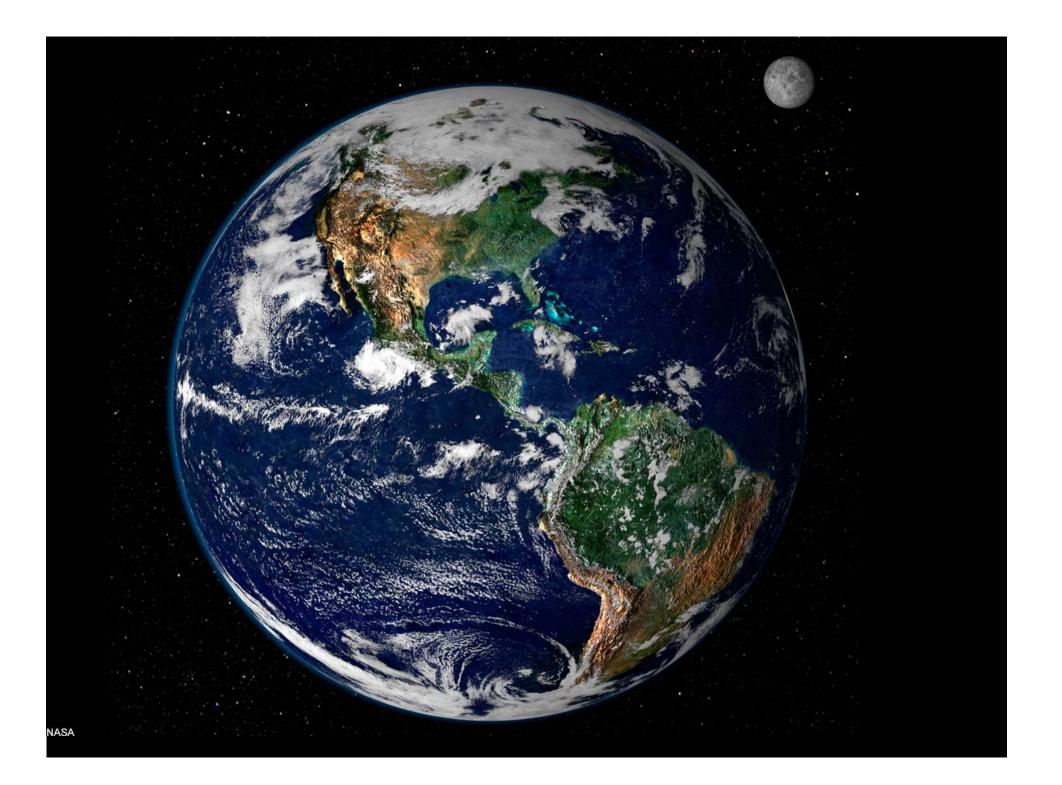
APSE Environmental Services Seminar 2013



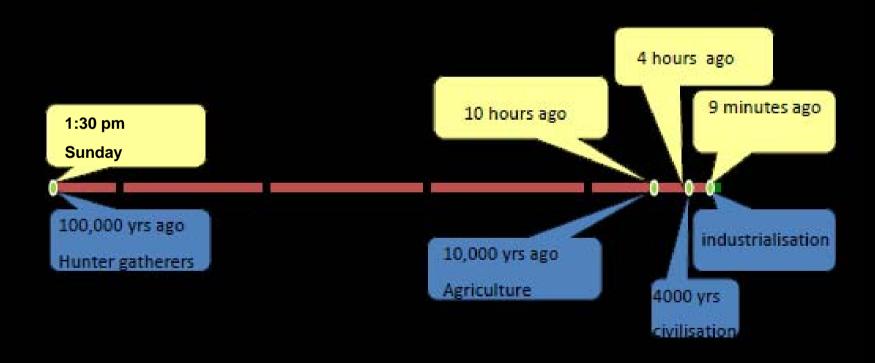
"We will put natural capital at the centre of economic thinking; and at the heart of the way we measure economic progress."

NATURAL CAPITAL COMMITTEE





If we take an hour to equal 1000 years then from sunday to now is 100,000 years; the time from the origin of mankind to today.

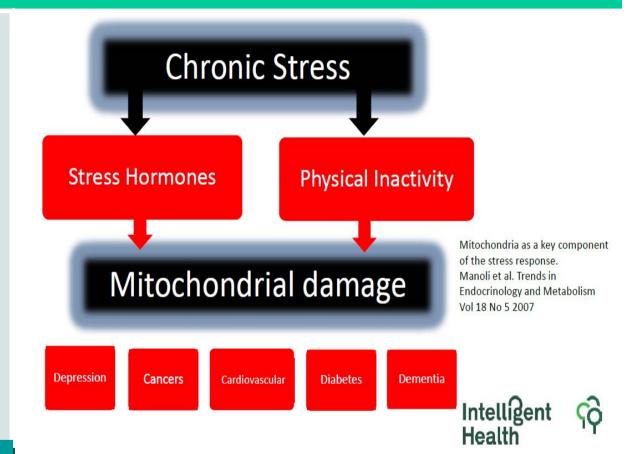


THE LANCET

Physical Activity - July, 2012 www.thelanosta



"In view of the prevalence, global reach, and health effect of physical inactivity, the issue should be appropriately described as pandemic, with far-reaching health, economic, environmental, and social consequences."



July 2012 – Physical Activity



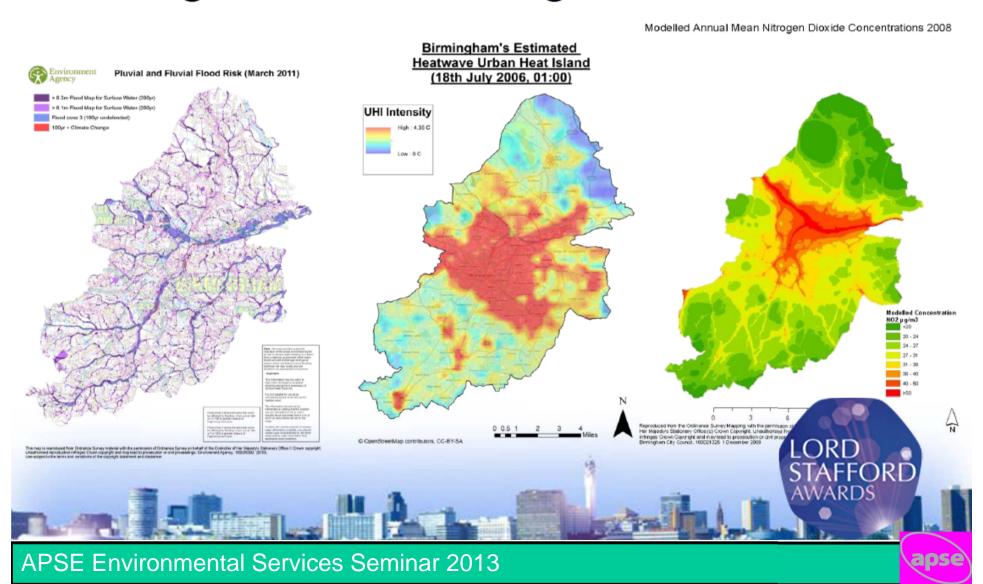
PEOPLE PURPOSE PLACE

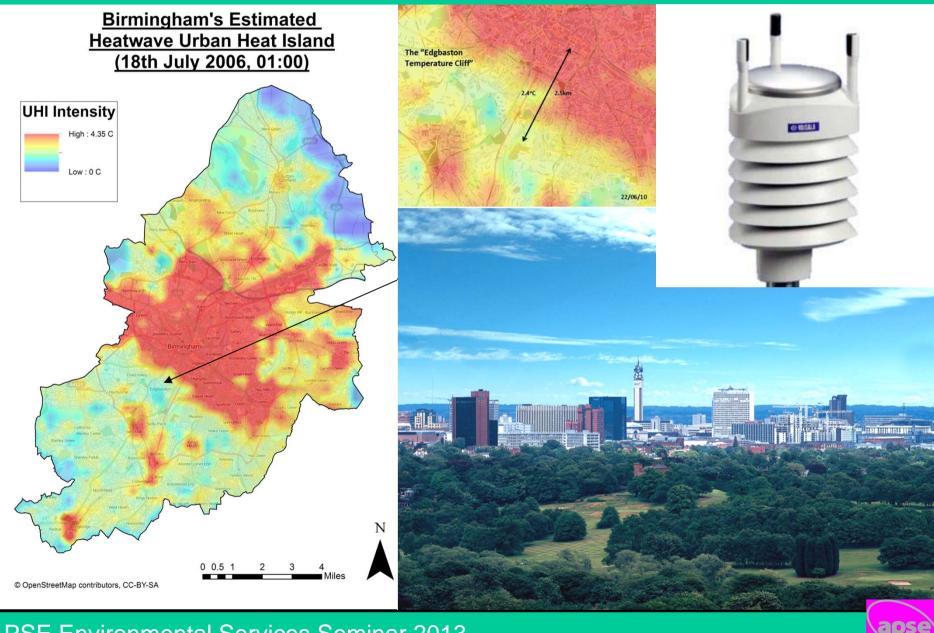
APSE Environmental Services Seminar 2013



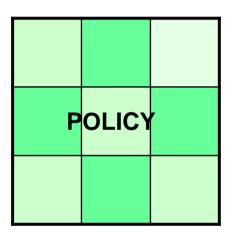
BUCCANEER — Birmingham Urban Climate Change Adaptation Neighborhood Estimates of Environmental Risk

Assessing the risks to Birmingham

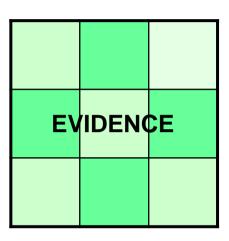


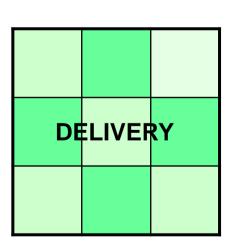


The 9 piece jigsaw



Green
Infrastructure &
Adaptation
Delivery Group





Key Partners
Climate Risk
Water
Green Infrastructure
Health & Well Being
Biodiversity
The LEP & Business
Community + Resilience
Planning
Transport & Infrastructure

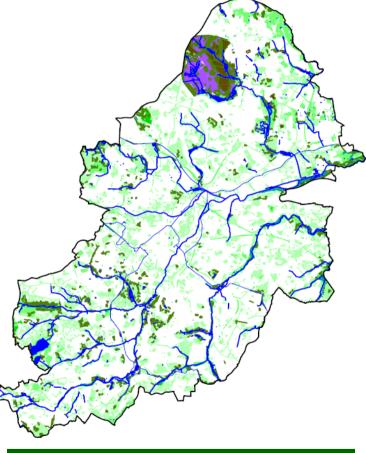
Principle	Output & Policy											
	Plan for effects of the Urban Heat Island											
An Adapted City	Green roofs & walls Street Canyons Research Trees for cooling & thermal insulation											
	Develop a Blue Corridor &'Green Streets' Policy											
The City's Blue Network	■Enhance and the wider Blue network. ■SuDS & flood & water management ■Enhance water quality & riparian habitat											
	Adopt Natural Health Improvement Zones (NHIZ)											
A Healthy City	Introduce sustainable land management principles. Graph Service of the Active of the											
The City's Productive	Endorse the Birmingham Forest & Tree Bond											
Landscapes	Promote allotments Facilitate community food growing, orchards, and woodlands Embed biomass production											
	Adopt A Walkable City											
The City's Greenways	Greenway networks "Quiet Roads" Permissive access rights											
	Develop an Ecosystem City Model											
The City's Ecosystem	•Ecosystem Evaluation of Birmingham's GI and Trees •Explore new funding mechanisms & joint partnerships •Biodiversity mapping											
The City's Green Living	Adopt Integrated Area Plans											
Spaces	Protection of natural & built heritage Integrate public health concerns Sustainable tree planting policy											

"The UK NEA provides a comprehensive overview of the state of the natural environment in the UK and a new way of estimating our national wealth"

UK National Ecosystem Assessment
Understanding nature's value to society

Synthesis of the Key Findings





Foreword

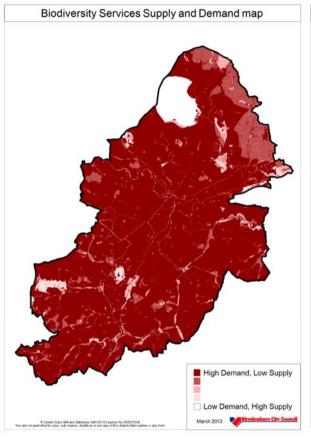
Lord Selbourne, 2011

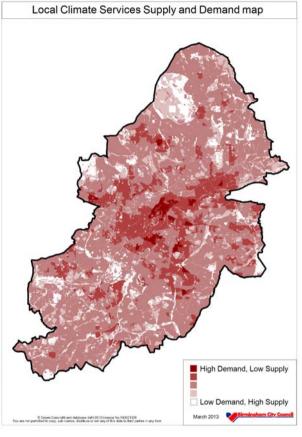
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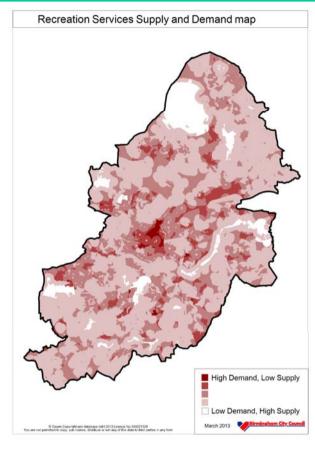
SEARCH COUNTY SEARCH CO

Birmingham – a UK first









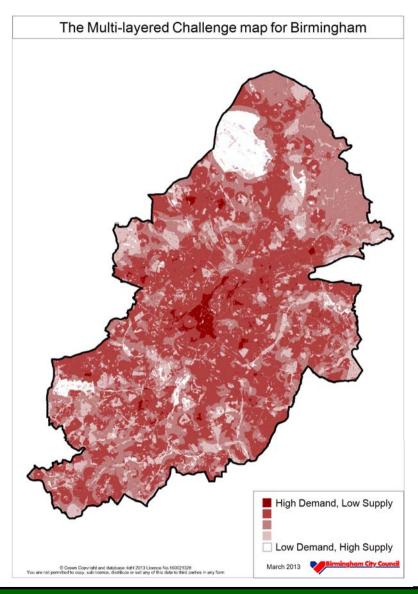
Biodiversity

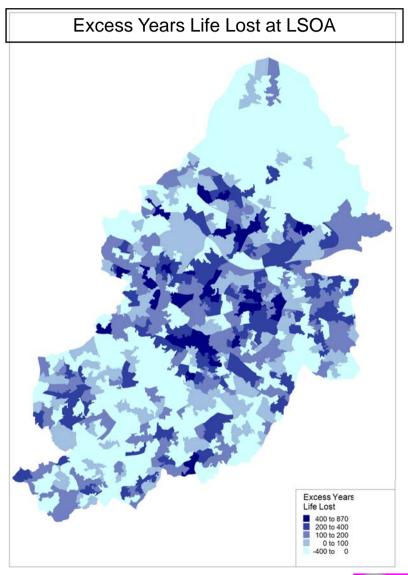
* Local Climate

* Recreation

Education







Birmingham's **Green Living** Spaces Plan 2013

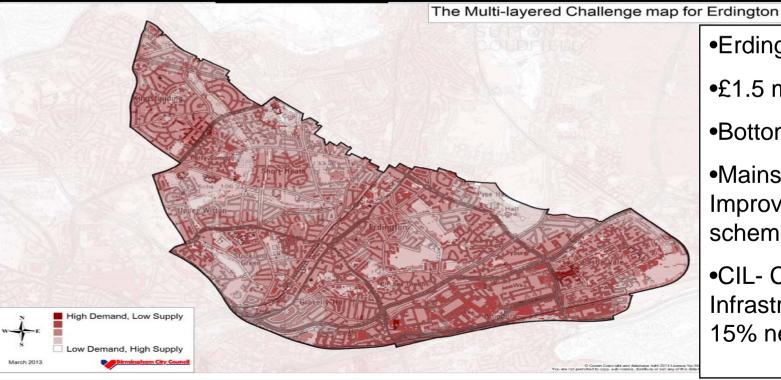
Introduces 7 Key Principles



Birmingham's Health & Well **Being Strategy** 2013

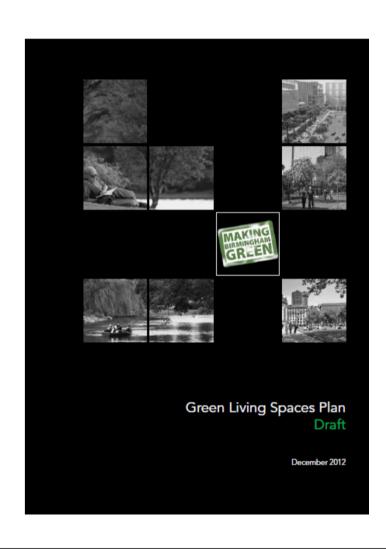
Social determinants of health & climate change Health Impact Assessment Your Green and Healthy City (SPD) 2031

Sustainable Development Policy + 7 principles



- - Erdington District
 - •£1.5 million pounds
 - Bottom up evidence
 - Mainstream Nature Improvement Area schemes
 - •CIL- Community Infrastructure Levy – 15% neighbourhoods

	А	В	С	D	Е	F	G	Н	l J	K	L	M			Р	Q	R	S	Т	U	V	W	Х	Υ	Z	_
3			Core Strategy Links	Years 1-3	Years 3-5	Years 5-10	Year 10+	1.Climate Chage	2.Sustainable Transport	4.Water & Flood management	5.Parks & Trees	6.Local Enterprise Partnership & Business			9.Public Health	Project Costs	Funding Sources		Funding Gap (from CIL) + Bidding Priorities	Delivery Issues	Status Red Amber Green White	Working Party & lead				
		1. THE CITY'S PRODUCTIVE LAND	CD45 CD54	_	_			, ,	1.7	_	LJ	1.7					Donald Line Min	T	Intro	lsosa-			,			
5	Base/Risk		SP45, SP51					,	N.		<u> </u>	N .		v .			Public Health, H&VVB Board & CIL		N/A	Wide stakeholder group & public consultation		Healthy Eating & Food Strategy Gp				
0	B. Policy	Healthy Eating & Food Strategy	SP45, SP51	<u> </u>				٠.	-√	1.		4			۷.								Ш			
7		The Birmingham Forest Policy The Birmingham Tree Bond	SP55,SP11 SP55,SP6	•	+			1 1	14	d		4	4 -	4	<u>۸</u>				N/A N/A			TDAG Utilities WP	+			
8	C. Deliver	_		•	-	•		, ,	1	_	N.	-4	\vdash	۷ .	,	00.5 00	DCC3-10	£2.7-3.0	£500K over	Dii						
9		Allotment Improvement Plan	SP45, SP51			•										t3.5 million over 5 yrs	land exchange & CIL	million secured	5 yrs	Planning permission on some		Allotments VVP				
10		Healthy Eating & Food Strategy- Action Plan	SP45, SP51	•	•	•			4		14			4		circa £100 K /y	Public Health, H&WB Board & CIL	PH £50K/yr; H&V/\BB £25K/yr	£25K/yr	Wide stakeholder group & public consultation		Healthy Eating & Food Strategy Gp				
11		Birmingham Forest Delivery Plan	SP55	•	•	•	1	4 4	4	4	4	4	4	4	4	£410K/yr	Energy Contracts, FC grants & CIL		£150K/yr	Implement the Birmingham Forest & City Fuel switch to biomass		TDAG				
12		2. THE CITY'S GREENWAYS																								
13	Base/Risk	Neighbourhoods	SP51, SP35					√ √			4					N/A						Healthy Urban Development Group				
14	B. Policy	Local Centres SPD & Walkable Neighbourhoods	SP51, SP35	•				"			"		4	ľ	4	N/A						, i				
15		Low Carbon Transport Policy	SP35	•			-	1 1	Ť	d		d	_			N/A						Low Carbon VVP				
16		Sustainable Transport Plan - Strategic Greenways	SP11, SP45, SP35, SP51	•	•	•		4		4			4	4		circa, £400K/yr	LTP, & CIL	£350K/yr		Planning permission on some						
17		Parks Greenways		•	•	•		4		4						over 10 yrs	BCC Repairs & Maint Budget & CIL		£500K/yr	Local consultation		Parks Growth & Rengeneration VVP				
18		Local Centres SPD & Walkable Neighbourhoods		•	•	•		4		4	4		4	4	<u>ا</u>	£400K/yr	JSNA, Housing, LTP,& CIL	£350K/yr	£50K/yr	Planning permission on some		Healthy Urban Development Group				
		3. THE CITY'S ECOSYSTEM						, _	-					,	, ,			To a mark	lamira				,			
20	Base/Risk	Birmingham	SP45, SP49	<u> </u>				<u> </u>	14	1	14		N	4	۷	£20K	BCC Parks & EA	£15K	£5K from EA			Ecosystems Steering Gp	Ш			▼
14 4	▶ ▶ \She	eet1 / Sheet2 / Sheet3 /															1.	1								









ITY OF LIFE

GREW GONOMY
SAND GOSYSTEMS

CARBON

NCE OUR VITAL

ECOSYSTEMS

ND WELLBEING REATING A LOW CAR EDUCE OUR CO PROVE QUALITY OF DEPARTMENT OF THE PROPERTY OF



A NEW Green Vision We have created a new Green Vision which pulls together our work on

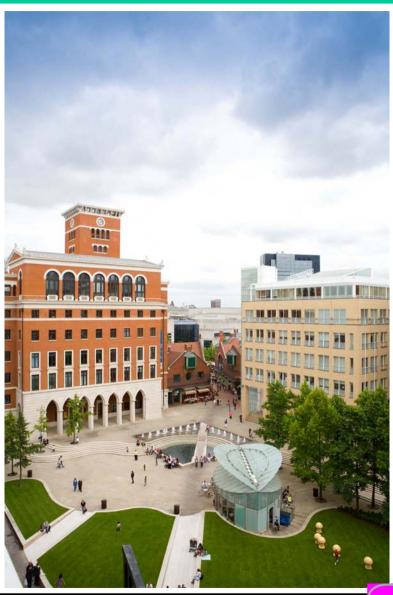
carbon reduction, ecosystems services, adapting to climate change and the green economy.

Achieving integration across these areas is the mark of a leading green city.



BIRMINGHAM'S GREEN COMMISSION BUILDING A GREEN CITY





BiophilicCities - Cities that achieve a deep affinity with nature





















