



The
University
Of
Sheffield.



in partnership with
**Environment
Agency**

Can the Big Society solve diffuse urban pollution?

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With thanks to:

- Richard Martin and others, EA & Defra
- URSULA and CSC teams
- RSPB and ECUS
- EPSRC KT funding

But the opinions
are the authors!



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"Most [diffuse] polluters aren't environmental vandals. They are you, your workmates, your family and friends. How do we get to nice people?"

- Delegate at Water UK workshop



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The Big Society



Strategy Unit

Big Society Information Pack

February 2011



Building the Big Society: Presentation to DEFRA

Lord Wei, Government Adviser for Big Society

Discussion document
2nd November 2010



Investing in SOCIAL GROWTH

Can the Big Society be more than a slogan?



INVITATION TO JOIN THE GOVERNMENT OF BRITAIN


THE CONSERVATIVE MANIFESTO 2010

INSTITUTE
FOR
GOVERNMENT

Big Society Public Services: Understanding the implications for government

Discussion Document

October, 2010





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The Big Society is ...

- Bottom up
- Citizens and groups
- Local priorities
- Local action
- Local responsibility

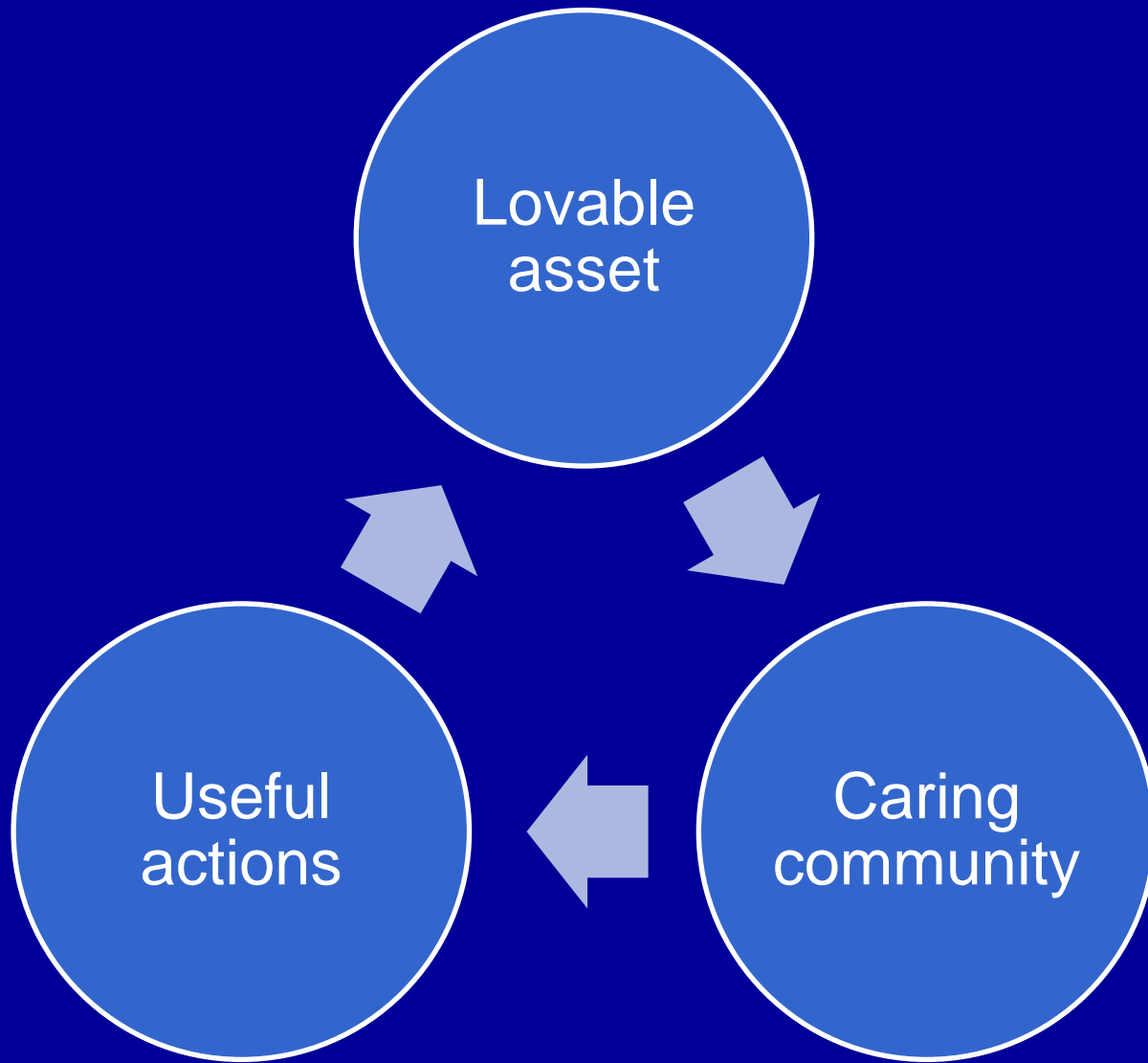


Ferniehurst Dell Action Group



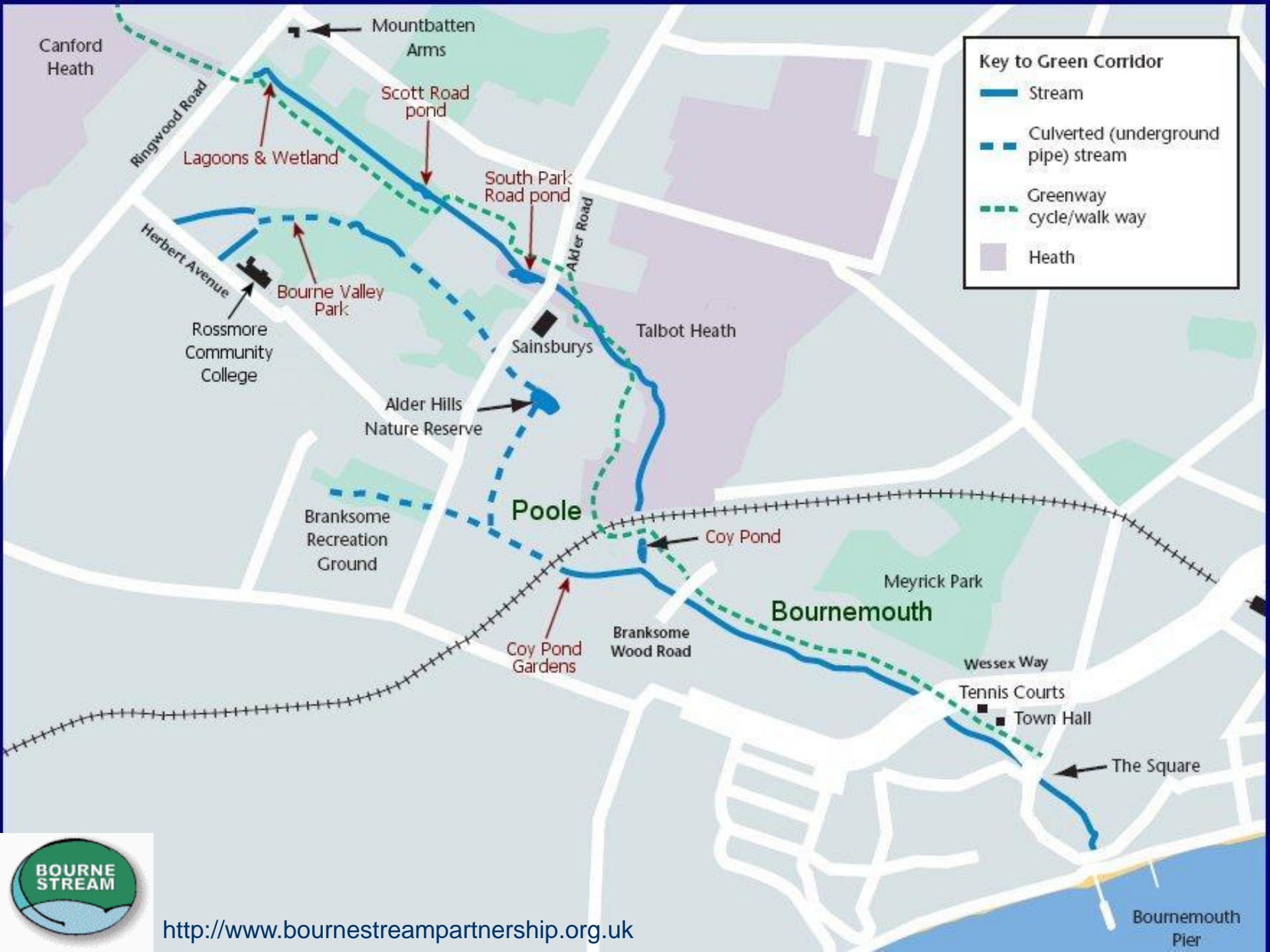
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What works?



Implementing the actions:

- Vision
- Skills
- Knowledge
- Power to act
- Financial resources



Key to Green Corridor

- Stream
- Culverted (underground pipe) stream
- Greenway cycle/walk way
- Heath





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Bourne Stream Partnership



- Lovable asset?
 - Beaches
 - Blue/green space
- Caring Community?
 - Environment Agency
 - Borough of Poole
 - Bournemouth City Council
 - Water companies and others
- Useful actions?
 - SuDS, lagoons, wetlands
 - Cure misconnections
 - Create trail
 - Awareness, education
- Implementing the actions
 - Vision
 - Blue Flag status
 - Greenway trail
 - Skills
 - Partners
 - Project officer
 - Knowledge
 - Partners
 - Power to act
 - Partners
 - Land ownership
 - Financial resources
 - Partners
 - Landfill tax for SuDS
 - >£500 000

Not Big Society!



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DUP examples



www.thameswater.co.uk/

www.1920-1200-wallpapers.com



www.swepsonvilletownof.net/



<http://www.cornwallconsultants.co.uk/images/Trial-pit.jpg>



Google maps



Photo: Richard Martin, EA



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Why is diffuse urban pollution such a problem?

- Sources
 - Multiple
 - Small
 - Unknown
- Ownership
 - Polluter
 - Regulator
- Understanding
 - Of significance
 - By polluter
 - Of solutions



www.thameswater.co.uk/



Photo: Richard Martin, EA



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DUP priorities

Pressures

Airborne particulates
Animal Excreta
Boating
Car Washing
Construction sites
Contaminated land
CSOs
Fuel storage and use
Highways and rural roads
Inappropriate use
In-situ sediment
Leaking Sewers
Minewaters
Misconnections
Railways
Trading estates
Urban pesticides +fert.
Urban road runoff

Criteria

- Regulatory regime
- Scale of problem
- Knowledge gaps
- Rate of correction
- Level of engagement

Top four

- In-situ sediment
- Misconnections
- Trading estates
- Urban road runoff



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theStream case study

(Some aspects of this case study are fictitious!)



Done

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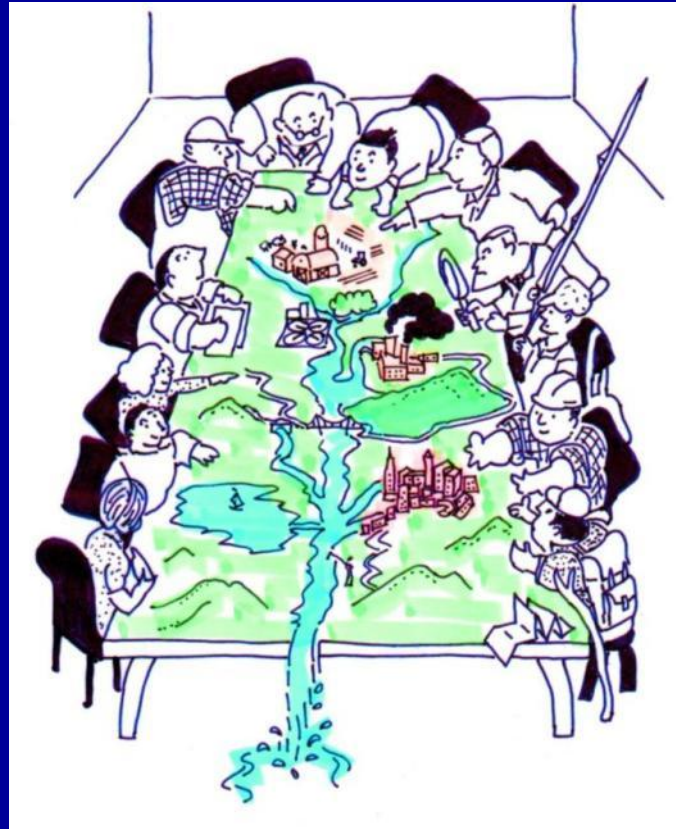


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Interested parties

“Sources”

- Industrial owners and tenants
- Employees
- Householders
- Tradesmen
- Local Authority
- Highways Agency



Other parties

- EA
- Water Company
- Local authority
- Investors and Agents
- Landlords
- Householders
- Recreation-
alists
- Farmers
- Wildlife, river
and other
eNGOs



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theStream Partnership

- Lovable asset?
- Caring Community?
- Useful actions?
 - Vision
 - Skills
 - Knowledge
 - Power to act
 - Financial resources
- Hardly
- Only downstream
- Yes, but ...
 - A drain?
 - No community
 - Ditto
 - By persuasion
 - LA, EA, Water Co, landowners



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Can the Big Society solve diffuse urban pollution?

- Complex technical issue
- Multiple stakeholders with few common interests
- Little regulation
- No funding

No!

Not without support

