

Painting the Picture

Housing Land Use and Community

LI Annual Conference

Regent's Park

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The
University
Of
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Bournville, Birmingham, UK

Bournville Garden Village:
an excellent example of a sustainable community

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52°25'51.75" N 1°56'17.08" W

elev 146 m

Apr 14, 2007

Eye alt 1.41 km

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Bournville – a healthy community

	England & Wales	Birmingham	Bournville
Death rate 1914-19 (per 1000 pop'n)	14.9%	13.7%	7.7%
Infant mortality (per 1000 births)	97	101	51

Life of George Cadbury, A. G. Gardiner, 1923

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Bournville – a healthy community

	Inner city Birmingham	Bournville
Boys 6-12 years old	63.2 pounds	71.8 pounds
Girls 6-12 years old	65.7 pounds	74.7 pounds
Height		2-3 inches taller

Life of George Cadbury, A. G. Gardiner, 1923

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Bournville – a community

- Factory
- Swimming pool
- Housing
- Alms houses
- Shops
- Schools
- Colleges
- Churches

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Bournville – a community

NETWORK OF GREEN SPACES

- **Men's recreation ground:** cricket, annual Bournville Village Festival
- **Parks:** tennis, bowls, playing Pooh Sticks and stuff, ice skating in winter of 1962/3
- **Gardens:** growing flowers, fruit and vegetables
- **Village Green:** part of the route to school and the annual Christmas eve carols to the Carillon

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Open spaces supporting healthy communities

- 91% of the public *strongly agree* or *tends to agree* that parks and open spaces improve people's **quality of life**
- 74% of the public believes that parks and open spaces are important to people's **health and well being**
- 41% of the public visit their local park or open space **at least once a week**

MORI, 2005

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Canvas

Policy

Material

Landscape

Background

Funding

Foreground

People

Artist

Landscape Architects

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POLICY

Housing Green Paper: Homes for the future

- Increase supply from 185,000 a year to 233,000 a year – 3million more homes by 2020, 2 million of them by 2016
- Large scale investment in infrastructure – including planning gain
- 70,000 more affordable houses and 45,000 social houses each year by 2010

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POLICY

Housing Green Paper: Homes for the future

- Four Growth Areas
- 29 Growth points
- 5 Eco-towns
- Housing Renewal Areas

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POLICY - Lessons from the new towns

(Department for CLG)

- Delivery
- Finance
- Creating Communities
- Governance
- Economic Achievement and Design
- Physical Environment and Design
- Long-term Sustainability
- End user experience

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POLICY – Building Sustainable Transport into New Developments: a menu of options for Growth Points and Eco-towns (Department for Transport)

- How to build an effective sustainable transport system in new developments, from planning to implementation
- Different transport options according to location and needs

TCPA Eco-towns Transport Worksheet: provides 'how to' guidance to steer developers

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POLICY – **Manual for Streets** (CABE)

User hierarchy in the street design process

- Pedestrians
- Cyclists
- Public transport
- Specialist services (e.g. emergency vehicles, waste)
- Other motor traffic

LAST

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POLICY – Active Design (Sport England)

- Suggestions for putting sport and opportunities to get active at the heart of communities
- Regardless of age, sex, race or disability
- **Active travel: walking and cycling**

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POLICY – **Playday 2008** (Play England)

- 51% of children aged 7-12 are not allowed to climb a tree without adult supervision
- 49% have been stopped from climbing trees because it was considered to be too dangerous
- 70% of adults had adventures in natural outdoor environments, compared with 29% of today's children.

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Trees supportive of children's play

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POLICY – Fairplay (Department for Children Schools and Families)

- £235 million over next three years to develop 3,500 public play areas
- Pathfinders and Playbuilders to receive this money
- A stronger focus on spaces suitable for play
- Greater use of school spaces by the community

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POLICY – **Healthy Weight, Healthy Lives** (DforH)

- Two thirds of adults are overweight or obese
- One third of children are overweight or obese
- Reduce proportion of overweight children to 2000 levels by 2020
- **‘Active Travel’ walking and cycling**

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POLICY – Healthy Weight, Healthy Lives (DforH)

Policies and programmes to support this

- Green Flag Award Scheme for quality of open spaces
- British Trust for Conservation Volunteers
- Green Gyms
- Three Sustainable Travel Plans: increased walking by 20% and cycling by 50% in almost 2 years
- Manual for Streets: advice on street design to encourage for walking and cycling

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POLICY – Comments from other organisations

Town and Country Planning Association

- Calling for a Garden Village Revival to overcome the urban exodus
- Homes and gardens attract people who would otherwise flee to further flung rural locations

Natural England

- Suggests initiative ‘greening the green belt’
- Need for high quality in the design and layout of all new housing developments

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POLICY – Comments from other organisations

NICE

- Planning applications to prioritise opportunities for people to be physically active as a routine part of daily life
- Public open spaces can be reached on foot or bicycle and maintained to a high standard
- New workplaces linked to walking and cycling networks
- School playgrounds designed to encourage varied and physically active play

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POLICY – Comments from other organisations

POLICY AREAS

- Housing
- Travel
- Sport
- Play
- Health
- Climate change



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LANDSCAPE - Landform

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LANDSCAPE - Planting

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LANDSCAPE - Water

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FUNDING

Capital and revenue

- How much is there to spend on a site?
- Where is the money coming from?
- Proportionately more money for capital, rather than for revenue.
- What impact does the amount of money have on the quantity of open space?
- What impact does the amount of money have on the quantity of open space?

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FUNDING

	2005/6	2006/7	2007/8
Revenue expenditure	£3,069,750	£4,122,600	£4,535,900
Number of users	9,748,240	13,311,642	15,895,959
Cost per user	31p	31p	29p

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FUNDING

	2005/6	2006/7	2007/8
Revenue expenditure	£719,800	£879,200	£740,060
Number of users	3,751,911	3,762,673	3,948,271
Cost per user	19p	23p	19p

The cost of a bar of Cadbury's chocolate ! ! !

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PEOPLE

How many people use open spaces?

33 million individuals make 2.5 billion visits each year to urban parks and green spaces.

(Improving Urban Parks, Play Areas and Green Spaces)



**The Porter Valley in Sheffield:
500,000 visits in 2001**

Rustlings Rd, Sheffield S11.

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PEOPLE

Why do they go to open spaces?

- Enjoying the environment
- Social Activities
- Getting away from it all
- Walking activities
- Passive enjoyment
- Active events and sport
- Events (*Improving Urban Parks, Play Areas and Green Spaces*)

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PEOPLE

Tools for understanding use patterns, perceptions and desires for open space

- **greenSTAT – developed by GreenSpace**

Open dialogue about use of spaces

- **Spaceshaper – developed by CABE Space**

Facilitated dialogue about individual sites and supports development and improvement of sites

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PEOPLE – greenSTAT

- How often do you visit the park or open space?
- How often by winter/summer?
- How long do you normally stay in summer/winter?
- How would you normally travel to the space?
- Do you visit alone or with a group?
- How easy would you rate the design of the space?
- How do you rate facilities for children and parents?

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PEOPLE – Spaceshaper

- Assess if spaces are meeting people's needs
- Provides evidence to justify spending on public spaces
- Redress balance between quantity and quality
- Ability to track the effect of change over time

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PEOPLE – Spaceshaper

- Clarifies strengths and weaknesses
- Show what is most important to people
- Stimulates new ideas for improvements
- Compares different people's views
- Brings staff/users views together in a structured way

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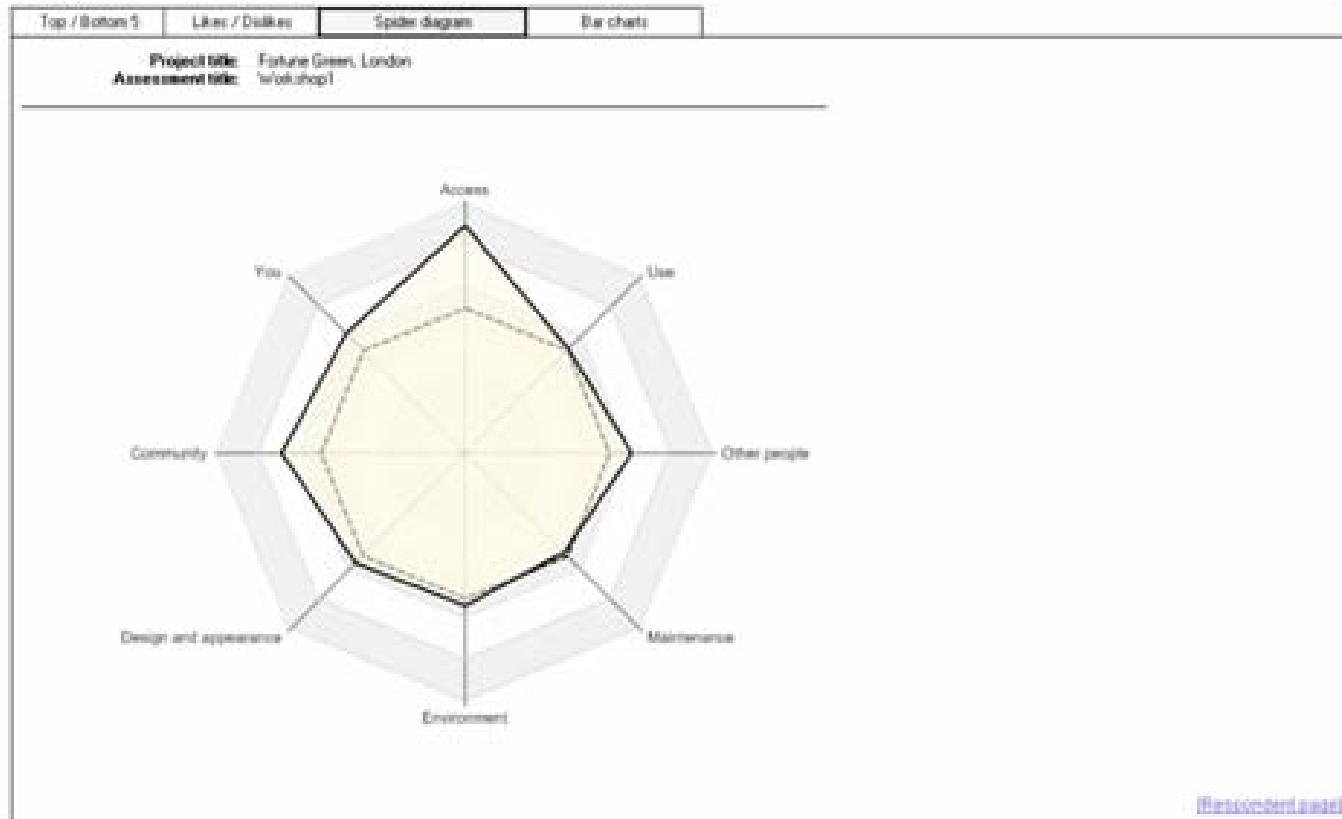
PEOPLE – Spaceshaper

Spaceshaper Software - Results

Results



[welcome](#) • [facilitator home](#) • [project home](#) • [assessment home](#) • [results](#)



[Remember again!](#)

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LANDSCAPE ARCHITECTS

- Plan the landscape
- Design the landscape
- Manage the landscape

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‘Children and young people living in so-called civilised countries probably enjoy better living conditions than ever before: good hygiene, good food, better schools and better housing.

But there still remains immense emotional poverty and privation. There may be less direct hardship, but we are aware of more depression, more mental illness, more violence, more delinquency and more drug taking.’

Lady Allen of Hurtwood, 1968