

Local Development Framework

Core Strategy and Site Allocations Development Plan Document Sustainability Appraisal Scoping Report

June 08

Putting the Community First



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Abbreviations

| DPD | Development Plan Document |
|------|--------------------------------------|
| CLG | Communities and Local Government |
| SPD | Supplementary Planning Document |
| PCT | Primary Care Trust |
| PTAL | Public Transport Accessibility Level |
| LPA | Local Planning Authority |
| LDD | Local Development Document |
| LDF | Local Development Framework |
| LSP | Local Strategic Partnership |
| PPS | Planning Policy Statement |
| ONS | Office for National Statistics |
| SEA | Strategic Environmental Assessment |
| UDP | Unitary Development Plan |
| SA | Sustainability Appraisal |
| RSS | Regional Spatial Strategy |
| PPG | Planning Policy Guidance |
| PPS | Planning Policy Statement |
| GLA | Greater London Authority |
| MOL | Metropolitan Open Land |
| SAC | Special Area of Conservation |
| SPA | Special Protection Area |
| SSSI | Site of Special Scientific Interest |
| NLWA | North London Waste Authority |
| SFRA | Strategic Flood Risk Assessment |
| AQMA | Air Quality Management Area |
| SUDS | Sustainable Urban Drainage Systems |
| BVPI | Best Value Performance Indicator |



Introduction

- 1.1 This scoping report was first published in October 2007 and revised in June 2008. It was sent to English Heritage, Natural England and the Environment Agency for comments. Comments were received from Natural England, English Heritage and The Environment Agency. These comments and the council's response to them are set out in Appendix 1. The document can be read on the council's website www.barnet.gov.uk/planning.
- 1.2 In accordance with European and national legislation, the Local Development Framework (LDF) documents must be subject to a sustainability appraisal for consultation with relevant environmental bodies and other interested stakeholders.
- 1.3 This document represents the sustainability appraisal scoping report for Barnet's *Core Strategy* and *Site Allocations DPD*'s. The scoping report sets out context and baseline information to provide an appraisal framework for the Local Development Framework documents. To provide a sound basis for analysis, the report reviews relevant plans and programmes which will influence the LDF; identifies the key sustainability issues and problems; and details a sustainability framework through which the appraisal can take place. The main purpose of the scoping report is to identify significant impacts that need to be considered in the sustainability appraisal.

Sustainable development

- 1.4 Sustainable development was first put at the centre of the international agenda at the 1992 United Nations Conference on the Environment and Development in Rio de Janeiro. It was defined as "development which meets the needs of the present without compromising the ability of future generations to meet their own needs" (Brundtland 1987).
- 1.5 In 1999, the UK government set out its own aim of sustainable development as "ensuring better quality of life for everyone, now and generations to come" in the strategy *A Better Quality of Life*. The following four objectives were identified:
 - social progress which recognises the needs of everyone
 - effective protection of the environment
 - prudent use of natural resources
 - maintenance of high and stable levels of economic growth and employment.
- 1.6 In 2005 the UK government adopted a new framework goal for sustainable development. While maintaining continuity with the aims of the 1999 strategy, the 2005 *Sustainable Development Strategy* defined the purpose of sustainable development as:

The goal of sustainable development is to enable all people throughout the world to satisfy their basic needs and enjoy a better quality of life, without compromising the quality of life of future generations.

Strategic environment assessment and sustainability appraisal

1.7 There is an international and national commitment to achieving sustainable development which has been reflected in the emergence of new legislation and guidance. In 2004 the *European Directive on Strategic Environmental Assessment* (SEA) and the Planning and Compulsory Purchase Act were published and set out the requirements for sustainability appraisal.



1.8 The government has produced guidance on both SEA and sustainability appraisal (SA). The SA guidance combines the two – SEA focuses on environmental considerations and the SA incorporates the social and economic sides of sustainable development. The guidance Sustainability Appraisal of Regional Spatial Strategies and Local Development Documents published in November 2005 states:

Sustainable Development is central to the reformed planning system. The purpose of sustainability appraisal (SA) is to promote sustainable development through the integration of social, environmental and economic considerations into the preparation of revisions of Regional Spatial Strategies (RSS) and for new or revised Development Plan Documents (DPDs) and Supplementary Planning Documents (SPDs).

The structure of this report

- 1.9 Section 1 is the introduction. Section 2 provides background on Barnet's LDF programme. Section 3 identifies other relevant plans, strategies and policies and sets out how the LDF is influenced by government guidance and other external factors. Section 4 sets out the current baseline information, the profile of the borough with its social, economic and environmental characteristics and sets out the key sustainability issues for the borough. In Section 5, the sustainability problems and issues are identified. Section 6 sets out the objectives and indicators for the sustainability appraisal framework. Section 7 tests the sustainability objectives against each other. This is to ensure that the objectives are compatible with one another. Section 8 outlines the consultation programme for the scoping report and the steps to be taken once the final scoping report has been published.
- 1.10 The scoping report was published to elicit the views of statutory and other consultees. In reading the report, consultees were asked to address the following questions:
 - I. Are there other relevant policies, plans and programmes, and sustainable development objectives that will affect or influence the *Core Strategy* and *Site Allocations* DPDs?
 - II. Do you agree that the baseline data collected are appropriate to the *Core Strategy* and *Site Allocations* DPDs?
 - III. Do you have, or know of, any additional relevant baseline data which should be added to that already listed?
 - IV. As far as you are aware, are there any inaccuracies or anomalies in the data presented?
 - V. Do you think we have identified the most relevant sustainability issues, or do you have evidence of other issues, which we should highlight?
 - VI. Are you aware of any issues which in your opinion should be added, or any that should be removed?
 - VII. Are the sustainability appraisal objectives suitable in the context of Barnet?
 - VIII. Are there any additional objectives that should be included or should any be removed?
 - IX. Do the indicators provide a relevant measure for the associated sub-objectives? If not, please suggest additional indicators.
 - X. Do you have any comments on the suggested target?
 - XI. Do you have any further comments on the information in the sustainability framework?



1.11 Government guidance in *Sustainability Appraisal of Regional Spatial Strategies and Local Development Documents* (2005) identifies five key stages to preparing a sustainability appraisal for Development Plan Documents.

Table 1: Stages of sustainability appraisal

| Stage of DPD Production | Stage of Sustainability Appraisal and Associated Tasks |
|--|--|
| DPD Stage 1: Pre- production, evidence gathering | Stage A: setting the context and objectives, establishing the baseline and deciding on the scope A1: identifying other relevant policies, plans and programmes, and sustainability objectives A2: collecting baseline information A3: identifying sustainability issues and problems A4: developing the SA framework A5: consulting on the scope of the SA |
| DPD Stage 2: Production | Stage B: developing and refining options and assessing effects B1: testing the DPD objectives against the SA framework B2: developing the DPD options B3: predicting the effects of the DPD B4: evaluating the effects of the DPD B5: considering ways of mitigating adverse effects and maximising beneficial effects B6: proposing measures to monitor the significant effects |
| | Stage C: preparing the sustainability appraisal report C1: preparing the SA report Stage D: consulting on the preferred options of the DPD and SA Report D1: public participation on the preferred options of the DPD and SA report |
| DPD Stage 3: Examination | » D2(i): appraising significant changes » D2(ii): appraising significant changes resulting from representations |
| DPD Stage 4: Adoption and monitoring | D3: making decisions and providing information Stage E Monitoring the significant effects of implementing the DPD E1: finalising aims and methods for monitoring E2: responding to adverse effects |

1.12 This scoping report covers all subsections of Stage A except A5, which now comes under Stage B following the publication of an *Interim Advice Note* by ODPM (April 2005).



2 Barnet's Local Development Framework

- 2.1 The Planning and Compulsory Purchase Act 2004 introduced a new system of plan-making in England. The key outcome of the government's changes is the Local Development Framework (LDF). The LDF is a portfolio of planning documents, prepared by the council, which collectively will deliver the planning strategy for Barnet. The documents which will comprise Barnet's LDF are:
 - the Statement of Community Involvement
 - the Annual Monitoring Report
 - Development Plan Documents (DPDs), which will include the following:
 - » Core Strategy
 - » Site Allocations
 - » Mill Hill East Area Action Plan
 - » Colindale Area Action Plan
 - » Proposals Map
 - » North London Waste Plan
 - Supplementary Planning Documents (SPDs) covering:
 - » Planning Obligations
 - » Contributions to Education
 - » Contributions to Library Services
 - » Affordable Housing
 - » Contributions to Culture, Recreation and Open Spaces from Development
 - » Contributions to Transport and Infrastructure from Development
 - » Contributions to Health Facilities from Development
 - » Sustainable Design and Construction
- 2.2 Further information on the LDF can be obtained in the Barnet *Local Development Scheme* at www.barnet.gov.uk/local-development-framework.htm. The *Local Development Scheme* is a work programme for preparing the LDF and has been adopted by the council.

Local Development Framework



3 Plans, strategies and policies influencing the Local Development Framework

3.1 In order to consider the context in which the LDF is being prepared it is necessary to identify and then review the implications of relevant policies, plans, programmes and strategies. This is in accordance with ODPM guidance, *Sustainability Appraisal of Regional Spatial Strategies and Local Development Documents* (2005), which states that:

The Local Planning Authority must take account of relationships between the DPD and other relevant policies, plans, programmes and sustainability objectives. The SEA Directive specifically requires environmental protection objectives established at international, European Community or national levels to be taken into account. Other relevant documents include the UK *Sustainability Development Strategy*, PPGs and PPSs and a range of other plans and strategies at regional and local levels, all of which influence the options to be considered in preparation of the DPD. Information on these relationships will enable potential synergies to be exploited and any inconsistencies and constraints to be addressed. The LPA will need to keep these relationships under review as it prepares both the current and future DPDs.

3.2 The following table sets out the policies, plans, programmes and strategies reviewed as part of the SEA/SA process.

Table 2: Policies and programmes of relevance to the SA/SEA of Barnet's LDF

| Policy, Strategy or Plan | Date |
|---|-----------|
| International Context: | |
| The Johannesburg Declaration on Sustainable Development | 2002 |
| European Spatial Development Perspective | 1998 |
| Air Quality Framework Directive (96/62/EC) and daughter documents | 1996 |
| Directive 2006/12/EC on Waste | 2006 |
| Habitats Directive (92/43/EEC) | 1992 |
| Birds Directive (79/409/EEC) | 1979 |
| Landfill Directive (1999/31/EC) | 1999 |
| Water Framework Directive (2000/60/EC) | 2000 |
| UN Convention on Biological Diversity | 1992 |
| The Aarhus Convention | June 1998 |
| EU Sixth Environmental Action Plan | 2000-2012 |
| National: | |
| The UK Government Sustainable Development Strategy 2005 | 2005 |
| PPS1: Delivering sustainable development | 2005 |
| PPG2: Green belts | 2001 |
| PPS3: Housing | 2006 |
| PPG4: Industrial, commercial development and small firms EU Sixth Environmental Action Plan | 1992 |
| PPG 5 : Simplified Planning Zones | 1992 |
| PPS6: Planning for town centres | 2005 |
| PPS7: Sustainable development in rural areas | 2004 |
| PPG8: Telecommunications | 2001 |
| PPS9 Biodiversity and geological conservation | 2005 |
| PPS10: Planning and waste management | 2005 |
| PPS12: Local Development Frameworks | 2008 |



| Dell'ere Otracta ma en Diam | D-1- |
|---|------|
| Policy, Strategy or Plan | Date |
| PPG13: Transport | 2001 |
| PPG14 Development on unstable land | 1990 |
| PPG15: Development and the historic environment | 1994 |
| PPG16: Archaeology and planning | 1990 |
| PPG17: Planning for open space, sport and recreation | 2002 |
| PPG19: Outdoor advertising | 1992 |
| PPG22: Renewable energy | 2004 |
| PPS23: Planning and pollution control | 2004 |
| PPG24: Planning and noise | 1994 |
| PPS25: Development and flood risk | 2007 |
| Planning for a Sustainable Future White Paper | 2007 |
| Air Quality Strategy | 2007 |
| Environment Act 1995 | 1995 |
| Planning (Listed buildings and Conservation Areas) Act 1990 | 1990 |
| The Historic Environment: A Force for our future (DCMS) | 2001 |
| White Paper Heritage Protection for the 21st Century | 2007 |
| Ancient Monuments and Archaeological Areas Act 1979 | 1979 |
| English Heritage's Streets for All | 2005 |
| | |
| Regional and London-wide: | |
| The London Plan (Consolidated with Alterations since 2004) | 2008 |
| London's Quality of Life Indicators | 2005 |
| A Sustainable Development Framework for London | 2003 |
| The Mayor's Air Quality Strategy | 2002 |
| The Mayor's Biodiversity Strategy | 2002 |
| The Mayor's Cultural Strategy | 2003 |
| The Mayor's Transport Strategy | 2001 |
| The Mayor's Economic Development Strategy | 2005 |
| London Housing Strategy (Draft) | 2007 |
| The Mayor's Ambient Noise Strategy | 2004 |
| The Mayor's Energy Strategy | 2004 |
| The Mayor's Municipal Waste Strategy | 2003 |
| The Mayor's Business Waste Strategy (draft) | 2007 |
| The Mayor's Older People Strategy | 2006 |
| The Mayor's Children and Young People's Strategy | 2005 |
| The Mayor's Strategy for Strategy for Refugee Integration in London | |
| (draft) | 2007 |
| The Mayor's Climate Change Action Plan | 2007 |
| The Mayor's Water Strategy (draft) | 2007 |
| The Mayor's Health Inequalities Strategy (draft) | 2007 |
| The Mayor's London Food Strategy | 2006 |
| Hertfordshire Structure Plan | 1998 |
| Hertsmere Local Plan | 2003 |
| | _*** |
| Sub-regional: Barnet, Enfield and Haringey Clinical Strategy | 2006 |
| NHS London Health Strategy | 2007 |
| North London Sub Regional Development Framework | 2006 |
| . 15 Editadi dab regional bevelopment i famowork | _000 |



| Policy, Strategy or Plan | Date |
|--|---------------------|
| Local: | |
| Barnet's Air Quality Strategy | 2002 |
| Barnet's Children and Young People's Plan | 2007 |
| Barnet's Conservation Area Appraisals: | |
| Cricklewood Railway Terraces | 1998 |
| Golders Green | 1998 (Revised 2007) |
| The Bishops Avenue | 1999 |
| Totteridge | 2000 (Revised 2007) |
| Mill Hill | 2000 (Revised 2007) |
| Wood Street | June 2007 |
| Glenhill Close | 2002 |
| Watling Estate | June 2007 |
| Church End | November 2007 |
| Monken Hadley | January 2007 |
| Barnet's Contaminated Land Strategy | 2001 |
| Barnet's Equalities Policy | 2007 |
| Barnet's Homelessness Strategy | 2007 |
| Barnet's Housing Strategy | 2006 |
| Barnet's Local Implementation Plan | 2005/6 |
| Barnet's Premier Parks Strategy | 2006 |
| Barnet's Safer Communities Strategy | 2007 |
| Barnet's Statement of Community Involvement | 2007 |
| Barnet's Supporting People Strategy | 2006 |
| Barnet's Sustainable Community Strategy | 2007 |
| Barnet's Three Strands Approach | 2005 |
| Barnet's Waste Prevention Strategy | 2005 |
| London Borough of Barnet UDP | 2006 |

Implications

- 3.3 All of these plans and programmes will influence the emerging DPDs to some degree. However, the *London Plan*, as a spatial strategy for London, the *Sustainable Development Framework for London* and the various Mayoral strategies as well as various Barnet plans, strategies and guidance, including the *Sustainable Communities Strategy*, are of particular relevance. The objectives within these will provide the direction for spatial planning within Barnet. Many of the objectives of these plans are related to the sustainability objectives. These sustainability objectives will provide a framework within which the policies formulated within the DPDs should produce the desired outcomes of these plans in a sustainable manner. The higher order plans and programmes at the European level, have fewer targets that are directly applicable to Barnet but have influenced the objectives of the lower order documents.
- 3.4 In reviewing relevant policies, plans, programmes and strategies, that will have an impact on the Barnet Core Strategy and Site Allocations DPD, three emerge as being of particular importance. These are: The London Plan, Early Alterations and Further Alterations; Barnet's Three Strands Approach and Barnet's Sustainable Communities Strategy.

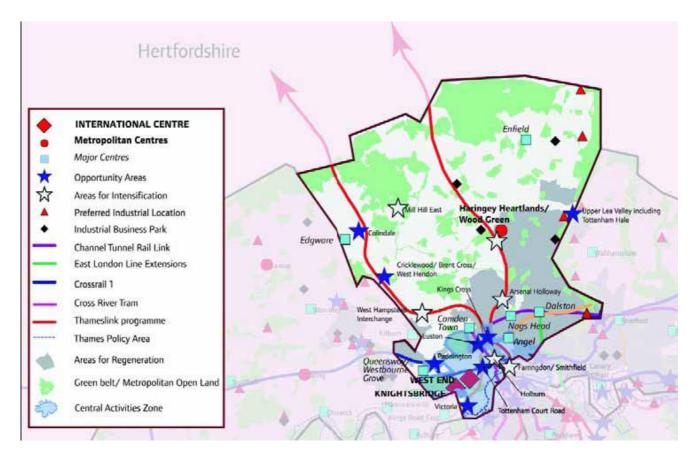


The London Plan

- 3.5 The London Plan
 - is the strategic plan setting out an integrated social, economic and environmental framework for the future development of London, looking forward to 2026
 - integrates the physical and geographic dimensions of the Mayor's other strategies, including broad locations for change and providing a framework for land use management and development, which is strongly linked to improvements in infrastructure, especially transport
 - provides the London-wide context within which individual boroughs must set their local planning policies
 - sets the policy framework for the Mayor's involvement in major planning decisions in London
 - sets out proposals for implementation and funding
 - is London's response to European guidance on spatial planning and a link to European Structural Funds.
- 3.6 The London Plan enables a strategic approach to be taken to the key issues facing London. It:
 - provides a clear framework within which all of the stakeholders in London's future can plan their own activities to best effect
 - enables Londoners to participate in shaping the future of their city mostly at the sub-regional level
 - ensures that policies are coherent and integrated, across issues and between places
 - sends a strong message to the world that London has a vibrant and confident view of its future.
- 3.7 In the Mayor's spatial strategy London has been divided into 5 sub regions. The sub region of North London comprises the boroughs of Barnet, Camden, Enfield, Hackney, Haringey, Islington and Westminster and has a population of nearly 1.7 million and provides almost 1.5 million jobs. It includes a substantial part of the Central Activities Zone.

Local Development Framework





source GLA

- 3.8 The North London sub-region should accommodate high levels of additional housing, with over 65,000 more homes projected by 2016. In terms of employment growth, almost 300,000 more jobs are projected by 2026, especially in the Central Activities Zone and in the inner parts of the sub-region.
- 3.9 Areas for intensification that fall within Barnet include Mill Hill East, and identified areas of opportunity include Cricklewood/Brent Cross and Colindale.



Opportunity Areas and Areas for Intensification in North London

| | Area (Ha) | Indicative employment capacity ^a 2001 – 2026 | Minimum homes ^b 2001 – 2026 |
|--|-----------|--|--|
| Opportunity Areas | | | |
| King's Cross | 53 | 25,000 | 2,250 |
| Paddington | 38 | 23,200 | 3,000 |
| Euston | 16 | 5,000 | 1,000 |
| Tottenham Court Road | 19 | 5,000 | 1,000 |
| Victoria | 52 | 8,000 | 1,000 |
| Upper Lea Valley (including Tottenham Hale)* | 3,133 | 15,000 | 7,000 |
| Cricklewood/Brent Cross | 323 | 20,000 | 10,000 |
| Colindale | 201 | 500 | 10,000 |
| Areas for Intensification | | | |
| Arsenal/Holloway | 38 | 1,500 | 2,000 |
| Mill Hill East | 48 | 500 | 3,500 |
| Haringey Heartlands/Wood Green | 50 | 1,500 | 1,700 |
| West Hampstead Interchange | 17 | 500 | 2,000 |
| Holborn | 13 | 2,000 | 200 |
| Farringdon/Smithfield* | 10 | 2,000 | 100 |
| Total | 4,011 | 109,700 | 44,750 |

Source: The London Plan

- 3.10 Cricklewood/Brent Cross. A Planning Framework has been completed and endorsed by the Council and the Mayor. This area combines the former railway land to the north, and the industrial land to the east of Cricklewood Station, together with Brent Cross regional shopping centre across the A406 North Circular Road and its wider hinterland. The planning framework seeks the redevelopment of Brent Cross as a town centre complementing the roles of other centres nearby. This would entail an extended mix of town centre activities including housing. The planning framework makes provision for at least 5,000 additional homes together with local ancillary services and a rail station on the Cricklewood site. Any new development should be phased with improved public transport and accessibility across the area. It is intended that Brent Cross regional shopping centre will evolve into an integrated town centre with a mix of uses including housing.
- 3.11 Colindale. This area comprises parts of the former RAF East Camp adjacent to the M1, which is currently being redeveloped for housing, the Hendon College site, the existing Grahame Park Estate, which is due to be comprehensively redeveloped, as well as Colindale Tube and the Hospital and library sites to the west of the tube. In total these represent an opportunity significantly to intensify residential development together with a range of leisure and other uses. Appropriate developer contributions will be needed to deliver public transport improvements to support the proposed intensification of residential use. The council is progressing an Area Action Plan for Colindale.



3.12 At Mill Hill East, opportunities for redevelopment exist around the Underground station, principally at the MOD Inglis Barracks, Mill Hill gas works, and council depot sites. Development would primarily comprise new housing at higher densities, with a mix of uses to provide local employment and servicing and Barnet Council are currently developing a framework to investigate site intensification. Other uses including further/higher education may also be appropriate. The council is progressing an Area Action Plan for Mill Hill East.

Barnet's Three Strands Approach

- 3.13 The Three Strands will form the 'spatial vision' that will underpin the LDF. This will therefore become the driving force for our policy to protect, enhance and grow, and the spatial interpretation of Barnet's sustainable community strategy.
- 3.14 Protection Absolute protection for the green belt and open spaces. Barnet is fortunate to have rich 'green' and natural assets with considerable quantity and quality of open spaces that contribute to its unique character. Careful stewardship and protection of these natural assets is fundamental to the borough's spatial planning vision. One third of the borough is open space. There are 2,466 hectares of Green Belt and large tracts of Metropolitan Open Land, which range from parts of Hampstead Heath in the south to rolling countryside, woodland and farms on the northern edges of the borough. In the traditional suburbs, open spaces contribute to the green and leafy setting of built-up areas, provide residents with opportunities for leisure and recreation and serve as the 'green lungs' of the city.
- 3.15 The Unitary Development Plan protects the Green Belt and Metropolitan Open Land from inappropriate development, except in some very exceptional circumstances such as extensions to existing houses. Even as Barnet's population and housing stock increase, there will be no need in planning terms to encroach on to these precious open spaces, except to support outdoor recreational and community facilities. There will be sufficient brownfield sites and planned regeneration areas within existing built-up areas to meet future housing needs, such as Colindale, Mill Hill East and the priority housing estates.
- 3.16 There are leisure facilities in the Green Belt and on Metropolitan Open Land, including golf courses and riding schools, and a major leisure complex at Copthall, The land next to the Welsh Harp Reservoir provides some facilities for water sports but also serves as an important wildlife habitat and is a site of special scientific interest.
- 3.17 In addition there are public spaces specifically for recreation, such as parks(including our flagship Premier Parks), public gardens, allotments and woodland. People value these areas as places where they can walk or play with friends or family. The Council is determined to keep green and public spaces accessible to people of all ages and all disabilities.
- 3.18 The council is committed to promoting a sustainable and healthy environment and recognises that its green spaces are important community, biodiversity and environmental assets that contribute to the local quality of life and sustainable environments for habitats. Open spaces are the focus of the 'Protection' element of the Three Strands Approach they are a fundamental and untouchable precious natural asset of the borough.
- 3.19 Enhancement Enhancing and conserving the best of Barnet suburbia. More than a third of Barnet is made up of a classic, outer London suburban environment, much of it of exceptional quality. Like its open spaces, the city-suburbs form 'arteries' supporting a growing and successful capital. They are where most people live and where many families want to be. The Council aims to both enhance and protect these areas, including



conservation of the historic suburban environment and distinctive centres such as Chipping Barnet.

- 3.20 The borough has in the main a very attractive built environment with many areas of special character, where people are proud to live, work and visit. However, combined with high land and property values, this places it under significant pressure for development and change. Some city-suburbs are in need of support and improvement, while others need sensitive care to prevent inappropriate development. One of the greatest concerns is the intensified urbanization of lower-density city-suburbs. This can erode their character and their distinctive function to support families.
- 3.21 This strategy for both protection and enhancement provides a framework for preserving the leafy character and openness of the lower density city-suburbs, and protecting family housing and neighbourhoods as strong and safe communities.
- 3.22 The design, layout and use of the built environment can affect the quality of people's lives, as well as having an impact on the image and economic vitality of an area. Lower, suburban densities will apply where the character of an area is traditional and attractive, typically Victorian or Edwardian townscape or two-storey family housing of the 1920s and 1930s, set within wide plots with spacious gardens along tree-lined streets. Particular protection will be given to the borough's 18 conservation areas, including the internationally renowned Hampstead Garden Suburb, and to over 1,300 listed buildings. Classic, quality city-suburbs outside conservation areas will be reviewed for stronger planning policy protection in the LDF core strategy with the creation of Special Areas of Suburban Character.
- 3.23 The emerging LDF aims to strike a balance between conserving Barnet's built heritage and enhancing areas through managed, sustainable development. Only sustainable development of energy-efficient design which respects existing character and promotes safer communities, and high quality architectural design will be supported in the city-suburbs.
- 3.24 Growth Exploiting opportunities for major development growth, sustainable brownfield development and strategic regeneration. One reason for Barnet's success is that it is attractive to new residents, and because of this, its population will grow significantly. Providing the accommodation, infrastructure and public services to support this will be a major challenge. However, targeting sustainable growth in brownfield locations and regeneration areas will ensure there is less pressure on the Green Belt and lower density city-suburbs to meet our ambitious housing targets of 20,000 new homes by 2016/17. Getting the balance right will be the key to success.
- 3.25 The Mayor of London's London Plan has set out a strategic approach to managing this growth. Barnet is seen as part of an emerging growth corridor stretching from north west London to Luton Airport and along the Thameslink and M1/A1 transport corridors. The engine of growth at the London end is Barnet with its significant development opportunities. Cricklewood, Brent Cross and West Hendon, Colindale, and Mill Hill East, have all been identified as having significant potential for accommodating new homes and jobs.
- 3.26 There are numerous opportunity areas where sustainable development can be achieved through carefully focussed and targeted spatial planning that exploits the brownfield and renewal potential without harming the attractions and sensitive enhancement of the established suburban locations. In order to maintain the sustainability of Barnet these areas will set the benchmark in terms of energy conservation, renewable technology and innovative transport solutions. Our large projects are based on exploiting such prime opportunity locations, coupled with high quality niche development and a new structured neighbourhood in other locations, such as Mill Hill East and North London Business Park.



- 3.27 These areas will be developed in line with Barnet's existing housing strategy, which aims to provide residents with the best choice of accommodation, regardless of which sector they choose. Barnet's policy will be to continue to offer an innovative range of affordable housing rented and shared equity/ownership with the aim of helping residents achieve what most of them tell us is their long term aspiration: full home ownership.
- 3.28 The regeneration of Brent Cross, Cricklewood and West Hendon is a £4.5 billion scheme with a vision to create a new gateway to London and a vibrant urban quarter in Barnet. This is one on London's largest regeneration projects and is the borough's flagship undertaking.

Barnet's Sustainable Communities Strategy

- 3.29 Barnet's Sustainable Communities Strategy is a document which demonstrates how local organisations and agencies will work together to improve the economic, social and environmental well-being of the borough. The Sustainable Community Strategy has been drawn up by Barnet's Local Strategic Partnership, which brings together organisations from the public, private, community and voluntary sector. This Strategic Partnership is committed to helping Barnet, and the rest of London, to develop in a sustainable way. Sustainable communities are communities which are:
 - Active, inclusive and safe
 - Well run
 - Environmentally sensitive
 - Well designed and built
 - Well connected
 - Thriving
 - Well served
 - Fair for everyone.
- 3.30 Barnet's Local Strategic Partnership (LSP) is responsible for delivering the Sustainable Community Strategy and in doing so it is committed to the following:
- Protect, Enhance, Grow The growth in Barnet's population over the next 10 years will bring new opportunities for local residents. However, the growth needs to be carefully managed. We will work together to ensure that Barnet's environment and natural resources are protected while meeting the growing need over the next 10 years for homes, jobs, services and travel.
- Diversity Barnet is justifiably proud of its rich diversity. It is the twentieth most ethnically diverse area in England and on one measure, the second most religiously diverse, and its residents come from a range of backgrounds and circumstances. We will appreciate and value this diversity in everything we do, recognise individual's rights and responsibilities and work together to ensure that everyone has the same life chances.
- **Partnership -** We already know that we can achieve more by working together. We will continue to be a partnership with a purpose, to work with each other and our communities



towards common goals. We will also ensure that we challenge one another's performance in order to achieve the best possible outcomes for local people.

- Community engagement Residents have the right to influence the future of their area. Solutions to problems are often dependent on local knowledge. Through partnership consultation we will continue to engage with the community and enable them to get involved in civic life.
- Customer focus Our customers residents, businesses and visitors in Barnet are our primary focus in improving the way we deliver our services. We are committed to putting the customer first in what we do and how and when we do it and providing value for money in the delivery of public services.
- 3.36 **Priorities of Barnet residents** We hold a lot of information on the key priorities of people living in Barnet. This data has informed the development of this strategy. Residents' top local priorities are consistent year on year and include:
 - low level of crime (community safety)
 - low level of public taxation
 - · quality of health services
 - environmental issues (such as clean streets)
 - level of traffic congestion
 - provision of affordable housing
 - standard of education
 - quality of public transport.
- 3.37 These priorities are derived primarily from an analysis of Barnet's Annual Residents Survey and Best Value General Survey. They also take into account the consultation undertaken in developing this Community Strategy and the extensive consultation carried out when developing Barnet's second Community Plan in 2003. All of these priorities are addressed in the Sustainable Community Strategy.

Local Development Framework



4 Collecting baseline information

- 4.1 Sustainability appraisal requires the collection of baseline information to provide the basis for predicting and monitoring effects and to aid the identification of sustainability issues and possible methods of dealing with them. Within the baseline data collection, the use of indicators can help to identify issues and help in the provision of methods of monitoring within the sustainable development framework.
- 4.2 Baseline information should be proportionate to the plan, policy or proposal but if there are gaps in essential information, these need to be recorded along with resulting risks to the appraisal, and kept under review.
- 4.3 To focus the baseline data collection stage, the following principles were considered:
 - Relevance is the data helpful?
 - Currency is the data as up to date as possible?
 - Availability is the data easily accessible?
 - Interpretation is it easy to understand?
- The following text summarises the baseline data and uses it to characterise the borough. The detailed baseline information is set out in a matrix found in **Appendix 1**. The matrix is an overview of the current situation and covers the topics specified in Annex 1 (f) of the SEA directive i.e.:
 - biodiversity
 - population and human health
 - flora and fauna
 - soil
 - water
 - air
 - climate
 - material assets
 - cultural heritage (including architectural and archaeological heritage)
 - landscape
 - waste.
- 4.5 The matrix development is an ongoing process and collates the following information:
 - the issue/topic
 - indicator
 - current and baseline information
 - trends
 - · comparators and targets
 - information and sources used.



- 4.6 For each topic selected, enough information is needed to answer the following questions:
 - How good or bad is the current situation? Do trends show that it is getting better or worse?
 - How far is the current situation from any established threshold or target?
 - Are particularly sensitive or important elements of the economy, physical environment or community affected, e.g. skills shortages, endangered species or rare habitats, and vulnerable social groups?
 - Are problems reversible or irreversible, permanent or temporary?
 - How difficult would it be to offset or remedy any damage?
 - Have there been significant cumulative or synergistic effects over time? Are there expected to be such effects in the future?
- 4.7 This summary forms a baseline which will be used to assess long-term trends associated with these factors. It has also been used in developing a set of indicators which can be used to monitor progress against the sustainability objectives and gives an early indication of any consequences of implementation of Barnet's Local Development Framework.
- 4.8 The data contained within the baseline information originates from an extensive range of data sources including:
 - published reports
 - web-based databases and publications
 - information covered by various departments of the London Borough of Barnet
 - personnel communication with borough officers
 - surveys of the borough and the local population.

Characteristics of the London Borough of Barnet

- 4.9 The borough of Barnet covers an area of 86.73 km², the fourth largest authority in London. Barnet is situated to the north west of the city, bordering Hertfordshire. It has boundaries with five other London boroughs: Camden, Brent, Haringey, Harrow and Enfield, and also adjoins Hertsmere in Hertfordshire.
- 4.10 According to the 2006 mid-year estimate by ONS, Barnet is home to a population of 328,600 making it the second most populous borough in London. This population estimate is broken down into 159,400 males and 169,200 females, 65,500 persons aged 0-15, 216,600 persons aged 16-64 and 45,500 persons aged over 65. There are 135,300 households in the borough, giving an average household size of 2.4 persons. One in four of Barnet residents was from an ethnic minority in 2001 but recent GLA projections suggest that it is now one in three. The borough has 725 kilometres of roads, the most in London. Of the 130,453 residents who commute to work, 45 per cent commute by car. Car ownership is high: there are 1.09 cars per household. Owner occupation is also high, accounting for around 67 per cent of households in 2001. Over 12 per cent of residents are self-employed, the highest level in London. Despite such indicators of wealth there are pockets of deprivation.
- 4.11 Barnet has a diverse, well-educated and growing population. The borough has an attractive and high quality environment containing some area of special character, 18 conservation areas, over 1,300 listed buildings, 2,466 hectares of green belt and 690 hectares of



- metropolitan open land, and a range of cultural and commercial facilities. Barnet also has a large and varied business population. The regeneration and development activities within the borough will build on this strength and benefit from the skills of the local population.
- 4.12 The main towns and districts within the London Borough of Barnet are Chipping Barnet, Edgware, Totteridge, Whetstone, Mill Hill, Cricklewood, Colindale, Hendon, Finchley, Golders Green and Hampstead Garden Suburb.

Social and economic information

- 4.13 The 2001 census indicates diversity in income and ethnicity across the borough. Barnet is ranked as the twentieth most ethnically diverse district in England. The largest minority groups are Indian and Black African, while Barnet has the highest proportion of Jewish residents of any local authority in the UK. The proportion of the population describing itself as belonging to ethnic groups other than White British, White Irish and White Other varies at ward level from 11 per cent in High Barnet to 48 per cent in Colindale.
- 4.14 Trend data highlights that on average, Barnet's residents have a greater life expectancy than London's average and the average for the rest of England. For males in Barnet the average life expectancy is 79 years and for females is 83.4 years. The average figures for London are 77.4 for males and 82 for females. England's average is 77.32 for males and 81.55 for females. Life expectancy averages varies across the borough. Residents living in Barnet's more deprived wards of the borough such as Burnt Oak are expected to live shorter lives than those in Garden Suburb and Totteridge wards which are more affluent.
- 4.15 There is an average of 36 persons per hectare in Barnet, the 8th lowest population density in London. At ward level this varies between only 16 persons per hectare in Totteridge and Mill Hill, to 74 persons per hectare in Burnt Oak. There is an average of 2.48 persons per household in Barnet (including residents of communal establishments) and this varies from 2.25 in East Finchley ward to 2.83 in Golders Green ward.
- 4.16 According to the English Indices of Multiple Deprivation 2007, Barnet is ranked 128th most deprived local authority out of 354 in England and Wales (where 1 is the most deprived). Twelve Super Output Areas within the borough were ranked in within the top 20 per cent. The three most deprived Super Output Areas in the borough are within the Colindale ward and correspond with the Grahame Park Estate. Another, in Oakleigh, is within the 5 per cent of the least deprived areas

Employment

- 4.17 Barnet's successful economy is largely based on service jobs, located in the borough's town centres. Employment land in Barnet hosts a range of light industry, general industry, offices, storage businesses and distribution activities. However this stock is declining, and there is continuing pressure to redevelop industrial land for higher value development. Barnet's strategic employment locations can be found in table 1 below.
- 4.18 The borough's local economy is dominated by small (under five employees) and medium-sized enterprises, similar to the overall picture for London.
- 4.19 Barnet's working age population is amongst the most qualified in the country: only 14 local authorities have a more qualified population, of which 11 are also in London. Eighty-nine per cent of 16 and 17 year olds are in education, the second highest proportion in London, and the borough has a high proportion of students generally.

Local Development Framework



Table 3: Barnet's primary industrial sites and business parks

- North London Business Park
- Garrick Industrial Estate
- Brunswick Industrial Estate
- Lancaster Road
- Barnet Trading Estate
- Queens Road
- Mill Hill Industrial Estate
- Hadley Manor Trading Estate
- Bittacy Business Centre

- Connaught Business Centre
- Finchley Trading Estate
- Colindale Technology Park
- Falkland Road
- Pricklers Hill
- Grenville Place
- Bunns Lane Works
- Granard Business Centre
- Colindale Business Centre

Health

- 4.20 Barnet's *Health Profile* published by the Department of Health in 2007 suggests that men and women in Barnet live nearly two years longer than the average for England and life expectancy for females is improving more quickly than the England average.
- 4.21 According to the report the residents of Barnet live healthier lives compared to England overall. However the report indicates that nearly one in five adults is estimated to be obese, and the percentage of people who are known to have diabetes is higher than England average.
- 4.22 Other highlights of the *Health Profile* include:
 - The rate of people claiming sickness benefits because of mental health problems is lower in Barnet than England overall. The proportion of people who rated their health as 'not good' is also lower.
 - Death rates from major causes are lower than in England as a whole. However, smoking still contributes to the deaths of, on average, 400 Barnet residents each year.
 - Compared to England, Barnet has a lower rate of admissions to hospital for alcohol specific conditions and a lower rate of hip fractures in older people.
 - Barnet has a lower level of statutorily homeless households and a lower rate of teenage pregnancies than the average for England.
- 4.23 In 2001 according to data from ONS 72.5 per cent of Barnet's population, described their health as good, 20.2 per cent described it as fairly good, and 7.3 per cent not good and 14.6 per cent of people had a limiting long-term illness.
- 4.24 Barnet's residents have access to a number of primary health care facilities which are located across the borough and beyond the borough's boundaries. These are:
 - Edgware Community Hospital:
 - » day surgery
 - » birth centre
 - » intermediate care services
 - » mental health services for adults and older people
 - » Parkinson's clinic



- » walk-in centre for minor injuries and minor illnesses
- » therapy centre
- Finchley Memorial Hospital:
 - » walk-in centre for minor injuries and minor illnesses
 - » day hospital care including falls clinic
 - » outpatient services
 - » therapy services
- Marie Foster Centre:
 - » provides respite, day care and rehabilitation for adults with neuro-degenerative disorders, mainly multiple sclerosis.
- 4.25 Barnet Primary Care Trust (PCT) has access to a number of major NHS hospitals within a 10 mile radius, for residents of Barnet. These hospitals are:
 - Chase Farm Hospital
 - Barnet General
 - Northwick Park Hospital
 - Royal Free Hospital
 - University College London Hospital
 - Royal National Orthopaedic Hospital
 - Whittington Hospital.

Housing and homes

- 4.26 Barnet contains high quality residential areas, many typical of the classic outer London suburb. The council's *Three Strands Approach* for protecting and enhancing the best of Barnet suburbia provides strong policy protection for preserving the character and openness of lower-density suburbs and conservation areas.
- 4.27 Barnet's population is expected to increase due to incremental growth and large scale regeneration. Projections from ONS suggest the population will reach 367,400 by 2021, an increase of 12 per cent over15 years. The strategic growth areas of Barnet will provide high quality housing and create new sustainable communities.
- 4.28 The household characteristics of Barnet are quite distinct from the remainder of London. Households in Barnet are more likely to be owner occupiers with a mortgage and are less likely to live in the social rented sector; are less likely to be single non-pensioner households and are more likely to contain older people; and are more likely to be under-occupied than other households in London. Households are also more likely to have been residents in their home for at least 10 years, although households in Barnet are more likely to have migrated into the borough in their last move.
- 4.29 In total, 61.6 per cent of households in Barnet live in houses or bungalows, whilst 38.4 per cent live in flats. The main housing type in the borough is semi-detached followed by purpose built flats. Householders living in rented housing are more likely to live in flats whilst those in owner occupation are more likely to live in detached and semi-detached houses than other tenures.

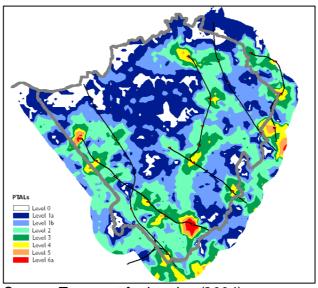
Local Development Framework



4.30 In Barnet just over a fifth of households are pensioner-only and over a quarter of households contain children. Fewer than 1 in 20 householders are lone parent.

Transport

- 4.31 The transport network of Barnet is dominated by radial routes including the M1, A1 and A5 corridors on the western side of Barnet that form the main routes from North London to other parts of the country. Thameslink and the Midland Mainline railway also follow this corridor as well as the rail freight route from the sidings at Cricklewood. The East Coast Mainline railway passes through the eastern part of the borough. The main orbital road is the A406 North Circular Road which connects with these radial roads and passes through the southern part of the borough.
- 4.32 Public transport accessibility in London is measured by the PTAL model, and Map 1 shows the pattern of comparatively higher-accessibility between town centres, particularly Edgware, West Hendon and Golders Green to the west and south of the borough and Chipping Barnet to East Finchley to the east; these are the routes of the Northern Line (see map 2) and also of a number of bus routes.

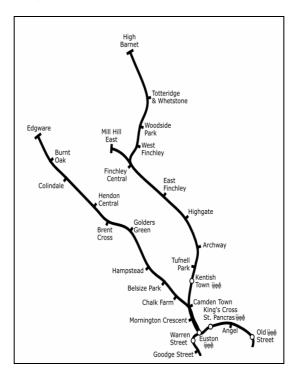


Map 1: Transport accessibility in Barnet

Source: Transport for London (2004)

4.33 Around 830,000 trips are made by Barnet residents each day. Fifty-five per cent of trips are made to destinations within the borough (once trips home have been excluded). Of the other trips made, 20 per cent are to adjoining boroughs (Camden 6 per cent, Brent 5 per cent, Haringey 4 per cent, Enfield 3 per cent and Harrow 2 per cent); 9 per cent are to Westminster, 2 per cent to the City of London and 2 per cent to Islington; 2 per cent are to other destinations inside the M25 and 3 per cent to other destinations outside the M25.



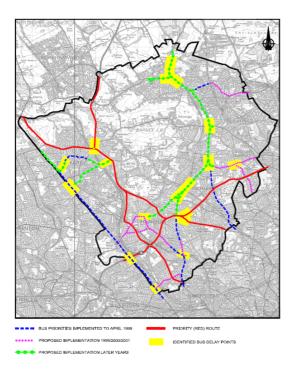


Map 2: The Northern Line

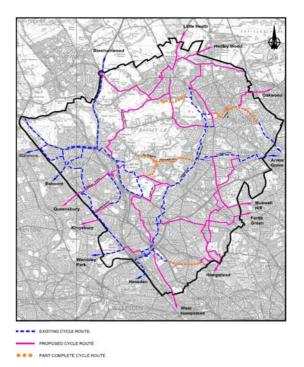
- 4.34 Trips to Camden, Westminster, the City of London and Islington are more likely to be made by public transport (underground and bus). Bus travel plays an important role in trips to Haringey, Brent, Enfield, Harrow and destinations inside the M25, reflecting the more limited public transport alternatives for orbital and out of London travel. Map 3 below sketches Barnet's Bus Priority Routes. Cycling is also a growing preference in Barnet. A comprehensive cycle route network has been developed across the Borough (See Map 4). Destinations where car use dominated include those to Enfield and Harrow and destinations outside London.
- 4.35 An estimated 630,000 car trips are made each day in or through Barnet. Just over a quarter of these trips are wholly within the borough. Nearly half either start or end in the borough, with the remaining quarter being purely through-trips. Car ownership within Barnet is relatively high with 73.3 per cent of households having access to a car and an average number of cars per household of 1.09, compared with 71.4 per cent and 1.04 respectively for Outer London. This also means that over a quarter of households do not have access to a car.



Map 3: Barnet's Bus Priority Routes



Map 4: Cycle Routes



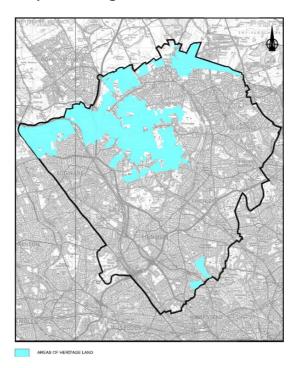
Environmental information

Landscape and townscape

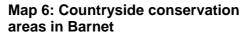
- 4.36 Barnet is a classic suburban borough of exceptional quality. The council's *Three Strands Approach* to regeneration and development within the borough emphasises the importance of protecting the green belt and open space and protecting and enhancing the best of Barnet's suburbia.
- 4.37 The 2,466 hectares of green belt and 690 hectares of metropolitan open land lie mainly in the northern and central part of the borough but this is augmented by a network of metropolitan, district and local parks. MOL forms London's 'Green Chain' of related open space and linking footpaths, bridle ways and riverside walks. Barnet's extensive open areas of heritage land and countryside conservation overlap the designation of MOL and green belt. Maps 5 and 6 show the boundaries of heritage land and countryside conservation areas in the Borough.
- 4.38 The green and open character of the borough is further enhanced by open spaces and trees found in allotments, playing fields and private gardens. The open environment provides a range of habitats for plants and animals and certain areas are of particular importance, including five local nature reserves and a number of other sites of metropolitan and borough interest, including woodland, cemeteries, pasture and railway land.
- 4.39 Barnet has over 200 parks, 16 of which are 'premier parks', meaning that they are exemplar parks which are attractive, accessible and well maintained. There is a premier park within one mile of the majority of homes in the borough. Four of Barnet's parks have received Green Flag awards: Hendon Park, Mill Hill Park, Oak Hill Park and Old Courthouse Recreation Ground.

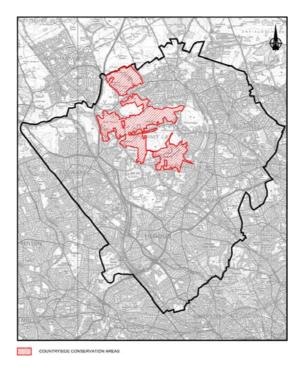


4.40 The Green Flag award is a national standard for parks and green spaces in England and Wales. Winning the award identifies the site as a high-quality green space.



Map 5: Heritage land in Barnet





Ecology and biodiversity

4.41 There are no Special Areas of Conservation (SACs) or Special Protection Area (SPA) within Barnet. Within the North London area, Epping Forest is the only SAC. However in



accordance with the Habitats Regulations (as outlined in article 6(3) and (4) or the European Communities (1992) Council Directive 92/43/EEC on the conservation of natural habitats and of wild fauna and flora ('Habitats Directive') a screening assessment will conducted to assess the likely impacts of the emerging planning policies on the integrity of Natura 2000 sites. A precautionary approach will be undertaken to determine whether the plan will have a significant impact on any European designated sites.

- 4.42 There no Ramsar Sites in Barnet (the Lee Valley Ramsar Site is the only one within the North London area). A Ramsar site is an internationally-important wetland site which is designated under the International Convention on Wetlands of International Importance.
- 4.43 A Site of Special Scientific Interest (SSSI) is a statutory designated site and intended to conserve the country's most spectacular habitats including "large wetlands teeming with waders and waterfowl, winding chalk rivers, gorse and heather-clad heathlands, flower-rich meadows, windswept shingle beaches and remote uplands, moorland and peat bog". Barnet has two SSSIs, Hampstead Heath and Brent Reservoir.
- 4.44 Watling Chase Community Forest is one of twelve Community Forests designated in England, as part of a joint initiative run by the Natural England, the Forestry Commission and local authorities. The Forest area covers 72 square miles and is situated in the northern part of the borough, extending into South Hertfordshire.
- 4.45 There 68 Sites of Importance for Nature Conservation and seven Local Nature Reserves within Barnet.

Table 4: Sites of importance for nature conservation in Barnet

Sites of Metropolitan Importance:

- Brent Reservoir (or the Welsh Harp) (SSSI)
- Arrandene Open Space & Featherstone Hill
- Hadley Green
- Hampstead Heath

- Edgware Way Rough
- Mill Hill Substation Pastures
- Totteridge Fields and Highwood Hill
- Scratchwood (Local Nature Reserve)
- Rowley Green Common (Local Nature Reserve)

Sites of Borough Importance:

- Glebeland Pastures
- Glebelands (Local Nature Reserve)
- Monken Hadley Common
- Oak Hill Woods (Local Nature Reserve)
- Folly Brook and Darlands Lake (Nature Reserve)
- The Upper Dollis Brook
- Totteridge Croft Field (or Dell's Down Acre)
- Mill Hill Golf Course
- Big Wood and Little Wood (Local Nature Reserve)
- Coppett's Wood & Scrubland (Local Nature Reserve)
- Sulloniacis Pastures

- Copthall Railway Walk and Copthall Old Common
- Totteridge Common
- Drivers Hill
- Ashley Lane
- Burtonhole Lane and Pasture
- Totteridge Green
- · King George's Field
- Lower Dollis Brook
- Turners Wood
- North Middlesex Golf Course Ponds
- St Pancras and Islington Cemetery
- Pymmes Brook
- New Southgate Cemetery
- Arkley Lane and Pastures



- Mill Hill Old Railway (Nature Reserve)
- Deans Brook
- Moat Mount (Local Nature Reserve)
- The Silk Stream and Burnt Oak Brook Farm
- Mote End Farm

- Rowley Lodge Field
- Northern Line Railway Embankment, High Barnet
- Arkley South Fields
- Edgwarebury Brook
- The Mill Field
- Bruno's Field

Sites of Local Importance:

- Clay Lane
- Sunny Hill Park
- Bell's Hill Burial Ground
- Avenue House Grounds
- The Mutton Brook
- Friary Park
- Cherry Tree Wood
- Prince's Park
- Lakeside Nature Reserve
- Edgwarebury Park
- Barfields Allotments Nature Park
- Copthall South Fields

- Grahame Park
- East Finchley Cemetery
- Barnet Countryside Centre
- Greenhill Gardens
- Clitterhouse Recreation Ground
- Oakleigh Park Rail Cutting
- Hendon Park & Northern Line Rail Cutting
- College Farm
- Woodridge School Nature Reserve
- Clarefield Park
- Belmont Open Space, Cockfosters
- 4.46 Barnet has seven local nature reserves and four London Wildlife Trust nature reserves:
 - Local nature reserves:
 - » Big Wood and Little Wood
 - » Coppetts Wood and Scrublands
 - » Oak Hill Wood
 - » Rowley Green Common
 - » Scratchwood
 - » Glebelands
 - » Moat Mount
 - London Wildlife Trust nature reserves:
 - » Mill Hill Old Railway
 - » Oakhill Wood
 - » Rowley Green Common
 - » Totteridge Fields

Environmental resources

4.47 The environmental resources within the borough relate to the use, conservation and quality of energy, waste, water, air and land. Almost all energy used in the borough for light, heat and movement is derived from fossil fuels. Each resident of Barnet produces around 431kg of waste every year, which means that each person generates about seven times their body weight in rubbish. The total amount of municipal waste produced in Barnet is 174,817 tonnes



a year. In the past the majority of this waste was disposed of in landfill sites outside the borough but waste is now considered to be a resource and each week the council collects around 3,000 tonnes of waste from over 135,000 households. Barnet is responsible for the collection of the municipal solid waste in the borough and the North London Waste Authority (NLWA) is responsible for the treatment and disposal of waste collected by seven North London boroughs.

- 4.48 Water quality in the borough's water courses has improved according to Environment Agency surveys but demand for water is increasing. To inform this sustainability appraisal, a strategic flood risk assessment (SFRA) will be carried out in accordance with PPS25. This aims to ensure flood risk is properly taken into account at all stages in the planning process; prevent inappropriate development in areas at high risk of flooding and direct development away from areas at highest risk.
- 4.49 Air pollution is damaging to health affecting both cardiovascular and respiratory diseases. It is estimated that in London, there are an accelerated 1,600 deaths and 1,500 respiratory hospital admissions as a result of air pollution. The quality of air in Barnet is monitored and the highest levels of air pollution are found close to the major traffic routes including the A1/M1/A412/A5 corridors, the A406 corridor and at High Barnet. In the UK, since 1997, local authorities have been required to assess and review air quality in their borough in order to help them achieve compliancy with national air quality targets. If these targets are unlikely to be met in any part of the borough, this area must be declared as an air quality management area (AQMA). The entire borough of Barnet has been declared as an AQMA.
- 4.50 Land contamination is likely on some sites of former industrial and commercial activity, particularly within the Cricklewood railway lands.

Topography and geology

- 4.51 Barnet lies on the northern edge of Thames valley basin. The topography is generally undulating, tending to slope downwards towards the Thames Valley to the south. The valleys of the Silk Stream and Dollis Brook cut through the western part of the borough, converging towards the Brent valley at Brent Reservoir, whilst Pymme's Brook flows through the eastern part from Monken Hadley Common to Southgate. In the north of the borough, the land rises quite sharply towards a chain of rounded hills, which stretch from Moat Mount, Mill Hill and Highwood Hill in the west, to High Barnet and Monken Hadley in the north east. The highest points are Woodcock Hill (near Scratchwood) at 137 metres, Highwood Hill at 135 metres, Moat Mount at 140 metres and Hadley Green at 120m metres above sea level. The lowest point in the Borough is in the south-west corner at Brent Reservoir, at about 40 metres above sea level.
- 4.52 Most of the Borough lies over London clay. London clay, which lies up to 132 metres thick under the city, tends to be associated with a landscape of gentle contours. It weathers to a slightly acidic, heavy clay soil. The soil is hard to dig and slow to warm up in spring.

Heritage

- 4.53 There are 18 conservation areas and over 1,300 nationally listed buildings, as well as many locally listed buildings, historic parks and gardens and one nationally important battlefield site. The Hampstead Garden Suburb is of world renown but other conservation areas in the borough also contribute to the high quality of the built environment.
- 4.54 High Barnet is known for its market, which has existed in various forms and at numerous locations since at least the 12th century. There may well have been a livestock market at



- High Barnet before the granting of the charter by King John in August 1199. The old market was originally located where Wood Street divides from the High Street.
- 4.55 English Heritage manages a register of parks and gardens of special historic interest in England. Barnet has five historic parks and gardens, these include Hampstead Cemetery, Avenue House Grounds, East Finchley Cemetery (St Marylebone Cemetery), St Pancras and Islington Cemetery and Golders Green Crematorium. Although these Grade II listed parks and gardens are not statutorily protected at present, local planning authorities do have to take them into account as a material consideration.
- 4.56 There are several heritage plaques in Barnet which commemorate the houses of famous residents. Famous residents who lived in Barnet include Olympic athlete Harold Abrahams, social reformer and founder of Hampstead Garden Suburb Dame Henrietta Barnett, football manager Herbert Chapman and world championship racing driver Graham Hill.

Culture and recreation

4.57 Barnet has a variety of visitor attractions such as the RAF Museum in Hendon, College Farm and Avenue House in Finchley, Church Farm House Museum in Hendon, the Museum of Jewish Life in Finchley and the Arts Depot in North Finchley. In addition to these, visitors are also attracted by facilities not developed specifically for tourists, for example, shopping facilities, sports centres, arts and cultural facilities and areas of open countryside in the borough. Brent Cross Shopping Centre, in particular, attracts visitors from overseas as well as other parts of London and Britain.

The London Olympics 2012

4.58 London has been chosen to host the 2012 Olympic Games. The main Olympic and Paralympic park is to be located in the Lower Lea Valley, which straddles four London boroughs. Although Barnet is not one of the boroughs, sport facilities including Copthall Sport Centre will be used as practice facilities in preparation for the Games.

Sustainable development

4.59 Barnet's innovative *Sustainable Design and Construction* Supplementary Planning Document (SPD), adopted in June 2007, is a response to the need to minimise and optimise Barnet's consumption of natural resources and the need to reduce society's emissions of carbon dioxide across the capital. The key aim of the SPD is to maintain and improve the quality of the borough whilst ensuring that there will be sufficient resources to meet the needs of future generations in Barnet. To do this, Barnet understands the importance of protecting environmental resources and avoiding any potential adverse environmental impacts arising from development.

Baseline information gaps

- 4.60 The process of collecting and analysing baseline information has revealed a number of gaps, which we plan to address.
- 4.61 This Scoping Report will be updated in due course when the data listed in the table below is forthcoming.



| Gap | When |
|--|---|
| Strategic Flood Risk Assessment | Due 2008 |
| Barnet Town Centres (Retail and Other Uses) Study (PPS6) | Due 2008 |
| Open Space, Sport and Recreation Assessment of needs and opportunities (PPG17) | Commissioned 2008 |
| Habitat Impact Assessment | Due 2008 |
| Employment Land Review (PPG4) | Due 2008 |
| Biodiversity Evidence | Barnet is a new partner of Greenspace Information for Greater London (GIGL) and has access to up to date information about wildlife and open spaces in the borough. |
| Strategic Housing Market Assessment | Due 2010 (North London Sub-Region) |
| Strategic Housing Land Availability Assessment | Due 2010 (GLA) |
| Joint Strategic Needs Health Assessment | Due 2009 |

The Likely Evolution of Some Key Trends without Implementation of the Development Plan Documents

4.62 The diagram below illustrates how some of the key trends in the Borough may evolve in the absence of the development plan documents.

| | What's the situation now? | What's the likely situation in the future without the plan? (2016) |
|---|---------------------------|--|
| Affordability (affordable dwellings completed as a % of all new housing completions) | 29.5 % (2005/06) | - likely to have decreased |
| Barnet Town Centre Vacancies (% of vacant units within regional, district and major town centres) | 7 % (2006/07) | + likely to have increased |
| Employment (B1/B2 floor space lost to residential use in hectares) | 0.66 ha (2006/07) | + likely to have increased |
| Sustainable Transport (% of the resident population who travel to work by public transport) | 37 % (2001)) | - likely to have decreased |



| | What's the situation now? | What's the likely situation in the future without the plan? (2026) |
|---|---------------------------|--|
| CO ₂ Emissions per Household in Barnet (Average tonnes per household) | 6.11 Tonnes (2007) | + likely to have increased |
| Housing Stock (% of dwellings with 5 or more habitable rooms (excluding bathrooms)) | 57 % (2001) | - likely to have decreased |
| Employability (%16-18 year olds not in education, employment or training) (NEET) | 4.6% (Nov-Jan 08) | + likely to have increased |



5 Site Appraisal Methodology

- In order to carry out a comprehensive site evaluation a site appraisal proforma has been designed that can be completed for each site put forward. In this way Barnet will ensure that all the sites put forward are evaluated on a consistent basis. The criteria in the proforma also include sustainability criteria and completion of the proforma will obviate the need for a separate Sustainability Appraisal of the site in question. The proforma may be revised in the light of experience in using it or with respect to changes in regional and national policy.
- 5.2 The site appraisal proforma below provides the basis for evaluating potential sites put forward for the Site Allocations Development Plan Document in Barnet on a consistent basis. The proforma includes a range of sustainability criteria which test the suitability of the site in relation to economic, community and environmental objectives. The proforma includes Three types of criteria:
 - Exclusionary Criteria are factors focused on where sites should not be allocated, e.g. in flood risk areas.
 - **Discretionary Criteria** refer to factors which may influence whether or not a site is allocated or what conditions are attached to its development.
 - **Deliverability Criteria** which explore the likelihood of the site being realistically brought into use.



| INTRODUCTION | |
|---|----------|
| Site Name/Address: | Map(s) |
| Cita Deference Number or Diagning Application | |
| Site Reference Number or Planning Application Number: | |
| Location: | |
| Description of Site: | |
| Description of Surrounding Uses: | |
| | |
| | |
| OS Grid Reference: | Photo(s) |
| Size (ha): | |
| Date of Appraisal: | |
| Appraised by: | |
| Source of site suggestion: | |
| Proposed Use: | |
| | |
| | |
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| EXCLUSIONARY CRITERIA | |
|---|---------------------------------------|
| Is the site in proximity to a site or building with a nationally recognised designation (e.g. Conservation Areas, Listed Buildings and Registered Parks and Gardens)? | Yes/No |
| Is the site within zones 2 or 3 of the floodplain or in an area with a history of groundwater flooding? | Yes/No |
| Does the site have public footpaths and rights of way? | Yes/No |
| Is the site in proximity to areas designated to be of local nature conservation importance? | Yes/No/Possibly – needs investigation |
| Is the site in proximity to a Site(s) of Special Scientific Interest (SSSI)? | Yes/No |
| Is the site in proximity to woodlands including ancient woodlands? | Yes/No |
| Is the site home to protected species and / or habitats? | Yes/No |
| Is the site located in the Green Belt? | Yes/No |
| Should the site be taken forward for further consideration? | Yes/No |



| DISCRETIONARY CRITERIA | | |
|---|---------------------------------------|--|
| Is the site in proximity to a Conservation Area(s)? | Yes/No | |
| Is there adequate infrastructure in place in order for development to take place? | Yes/No | |
| Is the site located in an area of major new developments (e.g. Colindale, Mill Hill East, Cricklewood/Brent Cross etc)? | Yes/No | |
| Is the site previously developed land? | Yes/No/Possibly – needs investigation | |
| Is the site in proximity to archaeological sites or remains? | Yes/No/Possibly – needs investigation | |
| DELIVERABILITY CRITERIA | | |
| Are there any potential land use conflicts (eg heavy Industrial use etc)? | | |
| Are there any issues of land ownership that could prevent development on the site being delivered? | | |
| Does the planning history of the site caution against its allocation? | | |
| CONCLUSIONS | | |
| | | |
| | | |

| POTENTIAL USES | | |
|------------------|-------------------|----------|
| DEVELOPMENT TYPE | BROAD SUITABILITY | COMMENTS |
| Α | | |
| В | | |
| С | | |
| D | | |

5.3 It should be noted that the various criteria will not be weighted; however, the failure of a site to pass the Exclusionary Criteria may mean that it is discounted from further consideration.



6 Identifying sustainability issues and problems

- 6.1 As part of the sustainability appraisal it is necessary to identify the key sustainability issues facing the borough. The issues have been identified from a number of sources.
- The issues have been set out under the headings of economic, environmental and social. There are of course issues that cut across more than one category identified. To avoid duplication the cross cutting issues have been limited to one category.
- 6.3 The detailed issues or problems that need addressing in the Local Development Framework are:

Economic Issues

- w unemployment and job opportunities for local people In the financial year 2006/07 the percentage of people in employment in Barnet was 71.2%, which is slightly higher than the percentage for London. Projections suggest that the population of Barnet will reach 367,400 by 2021. We need to ensure the protection of current employment stock against pressure to redevelop this land for higher value development.
- » poor transport infrastructure and ease of movement parts of the borough suffer from poor transport accessibility especially in Mill Hill, High Barnet and East Barnet. This will help reduce the number of vehicles on the road.
- * the conflict between opposing land uses, in particular balancing housing needs with the protection of employment land and open space – Barnet hosts a range of employment land, but this is declining. Given the high land value associated with housing in Barnet there is pressure to redevelop employment land for residential use. Therefore, employment land needs to be safeguarded to avoid excessive commuting for workers and problems of unemployment.
- » the need to support development in existing centres and ensure the health of town centres – in accordance with Barnet's Three Strands Approach, intensified mixed development is likely to take place in town centres, whilst protecting and maintaining the more rural areas of the borough.

Environmental Issues

- » poor air quality car ownership within Barnet is relatively high. Improved public transport and cycling facilities could help to mitigate this issue. The highest levels of air pollution are found close to the major traffic routes including the A1/M1/A41/A5 corridors, the A406 corridor and at High Barnet.
- » energy use and energy efficiency almost all the energy used in the borough for light, heat and movement is derived from fossil fuels. The 2001 census revealed that over 59,000 Barnet residents chose to drive to work.
- » quality of and access to open spaces and parks Barnet has a green and open character. It benefits from having 2,466 hectares of green belt, 690 hectares of metropolitan open space and over 200 parks 16 of which are 'premier parks'. With expected growth of the population at 12% over 15 years there may be pressure to carry out development on greenfield sites. We also need to ensure greater access to those areas that are lacking in good quality open spaces.
- » need to minimise waste arisings and deal with waste locally and in sustainable manner – need to increase waste recycling in order to reach more sustainable levels.



New major developments will provide opportunities to implement better recycling facilities.

- » pressure on biodiversity and habitats There are 7 local nature reserves and 68 sites of Importance for Nature Conservation within the borough. With the amount of redevelopment taking place these areas may need greater protection from neighbouring developments.
- » water quality and pollution According to the Environment Agency's surveys, water quality in the borough's water courses has improved. This improvement needs to be sustained.
- » flood risk and managing surface water run off through the use of Sustainable Drainage Systems – Barnet lies within the Brent River catchment which flows into the Thames at Brentford. There are over 14,000 meters of water courses in the Borough. Strategic flood risk assessment will allow us to apply sequential testing whereby we can avoid development in areas with high risk of flooding.
- * the need to preserve and enhance built heritage and historic and archaeological environment against pressures of redevelopment – there will be a greater need to protect the 18 conservation areas and 1,300 nationally listed buildings in the borough with the expected growth in population. Conservation of the historic environment is so important because these areas and buildings are an integral part of the borough's heritage and development.
- » noise nuisance and vibration some adjacent uses such as housing and employment land can pose difficulties in terms of their compatibility. This can lead to complaints regarding noise pollution. The number of complaints received by Environmental Health Officers each year is increasing significantly. In 1991 Environmental Health Officers in London received 3,644 complaints regarding noise nuisance. This figure had increased considerably to 7,670 in 2001/02.

Social Issues

- » deprivation and social exclusion Between 2001 and 2004 statistics revealed that deprivation in Barnet had increased. In 2007 new statistics revealed that this trend is continuing. This data released in December 2007 shows that Barnet just comes within the 36% most deprived local authority areas in the country.
- » health inequalities and access to facilities expected population growth within the borough will lead to a demand for greater access to health provision.
- » housing to meet the needs of a diverse community the borough contains high quality residential areas. Over 60% of the borough live in houses or bungalows. The housing stock will change significantly in the coming years with a greater demand for affordable homes. It is anticipated that the strategic growth areas of Barnet will provide much of these housing needs within sustainable communities.
- » crime and fear of crime have significant effects on the quality of people's lives in the borough.
- » access to essential infrastructure and services increasing population will mean increased pressure on community facilities. There will be a greater need for the efficient distribution of goods and services.
- » educational attainment and access to facilities we need to provide sufficient quality education and skill improvement facilities within the borough for all age groups.
- » reduce inequalities in areas of highest deprivation highest deprivation exists in the western part of the borough. Much redevelopment is taking place here giving us the opportunity to address issues of inequality and deprivation.



7 Developing the sustainability appraisal framework

Identification of the sustainability objectives

- 7.1 The establishment of SA objectives and criteria is central to the SA process. The SA framework, based on these objectives, provides a way in which sustainability effects can be described, assessed and compared. Sustainability objectives will be distinct from those of the DPDs, but in some cases may overlap.
- 7.2 The sustainability objectives have been grouped under the government's four themes of sustainable development, as identified in Section 1.
 - Maintenance of high and stable levels of economic growth and employment The
 UK objective ensures that everyone can share in high living standards and greater job
 opportunities. It ensures that we develop a workforce that is equipped with the education
 and skills for the 21st century, and find business ready to invest and an infrastructure to
 support them. The objectives are:
 - » to encourage sustained economic growth
 - » to offer everybody the opportunity for rewarding and satisfying employment
 - » to encourage and accommodate both indigenous and inward investment
 - » to reduce disparities in economic performance and promote regeneration.
 - Effective protection of the environment The UK objective ensures that we act to limit global environment threats, such as climate change; protect human health and safety from hazards such as poor air quality and toxic chemicals; and protect things which people need or value, such as wildlife, landscapes and historic buildings. The objectives are:
 - » to reduce the effect of traffic on the environment
 - » to maintain and enhance the quality of landscapes and townscapes
 - » to conserve and enhance the borough's existing biodiversity and seek to increase where possible
 - » to reduce the risk of flooding for people and property
 - » to improve air quality
 - » to conserve and where appropriate, enhance the historic environment and cultural assets.
 - Prudent use of natural resources The UK objectives ensures that we do not deny
 ourselves the use of non-renewable resources like oil and gases, but makes sure we use
 them efficiently and that alternatives are developed to replace them in due course.
 Renewable resources, such as water, should be used in ways that do not endanger the
 resource or cause serious damage or pollution. The objectives are:
 - » to achieve sustainable management of waste
 - » to reduce contributions to climate change and reduce vulnerability to climate change
 - » to increase energy efficiency and the proportion of energy generated from renewable sources



- » to encourage sustainable use of land.
- Social progress which meets the needs of everyone The UK objective ensures that
 everyone should share in the benefits of increased prosperity and a clean and safe
 environment, through improvement of access to services, tackling social exclusion and
 reducing the harm to health caused by poverty, poor housing, unemployment and
 pollution. The objectives are:
 - » to improve the health of the population
 - » to improve the education and skills of the population
 - » to provide the population with the opportunity to live in a decent affordable home
 - » to provide good quality surroundings for all
 - » to reduce crime and the fear of crime
 - » to improve accessibility for all to services and facilities
 - » to encourage a sense of community; identity and welfare.

Monitoring

7.3 In order to undertake a sustainability appraisal it is necessary to identify the indicators by which the successes of the LDF can be measured and monitored. The table below sets out the sustainability objectives and the criteria, providing a way in which the sustainability effects can be described, assessed and compared. The detailed criteria may be modified through the SA process to reflect the particular needs and issues identified by each development plan document.

| Objective | Sub-Objectives – Will the Policy? |
|--|--|
| Economic | |
| To encourage sustained economic growth and contribute to economic prosperity | Improve business development Enhance the image of the area as a business location Improve the health of Barnet's town centres Increase economic activity |
| To offer the opportunity for rewarding and satisfying employment | Help reduce unemployment, in particular in the wards of the borough where it is the highest Promote flexible forms of working |
| To encourage and accommodate both indigenous and inward investment | Encourage indigenous business Encourage inward investment Make land and property available for business development |
| To reduce disparities in economic performance and promote regeneration | Promote regeneration; reducing disparity with surrounding areas |
| Environmental | |
| To reduce the effect of traffic on the environment | Promote the use of calming measure to reduce traffic volume Increase the proportion of journeys using modes other than the car Encourage walking or cycling Reduce the need to travel Improve access to public transport |
| To maintain and enhance the quality of | Improve the landscape and ecological quality and character of open spaces |



| Minimise visual intrusion and protect views townscapes and local distinctiveness | Objective | Sub-Objectives – Will the Policy? |
|--|--------------------------|--|
| townscapes and local distinctiveness To conserve and enhance the borough's existing biodiversity and seek to increase where possible Ensure the protection and enhancement of the Special Areas of Conservation Protect and enhance the borough's Sites of Special Scientific Interest and Sites of Metropolitan Importance for Nature Conservation Encourage protection and enhancement of and increase number of tree Conserva and enhance species diversity; and in particular avoid harm to protected species Encourage the use of green roofs, landscaping or open space to improve biodiversity. Minimise the risk of flooding from rivers and watercourses to people and propenty Reduce surface water run-off and promote the use of sustainable urban drainage systems (SUDS) Take a sequential approach to the location of new development away from areas at highest risk of flooding Improve air quality Achieve the objectives of the Air Quality Management Plan Contribute to a reduction in the levels of NO2 and PM10 in the borough. Protect and enhance conservation areas and other sites, features and areas of historic and cultural value. Protect can denhance conservation areas and other sites, features and areas of historic parks and garden Help preserve and record archaeological features Maintain and strengthen local distinctiveness and sense of place Increase the re-use of materials Increase energy efficiency and the proportion of energy present of the | _ | |
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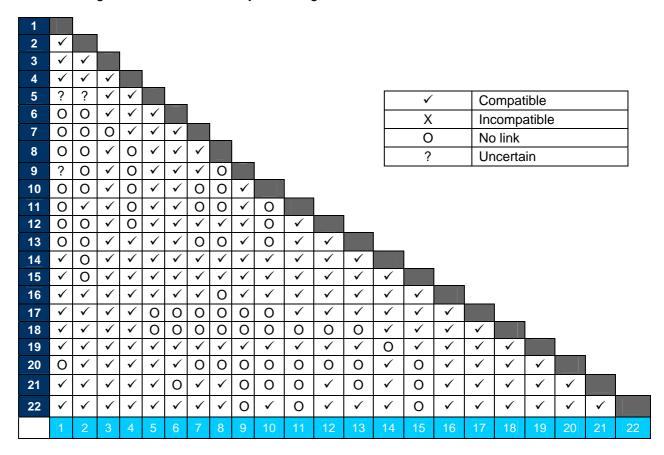


| Objective | Sub-Objectives – Will the Policy? |
|---|--|
| management | |
| Social | |
| To improve the health of Barnet's population | Assist in tackling health inequalities in the borough Improve access to health services, in particular to a GP Encourage healthy lifestyles and provide opportunities for sport and recreation Promote access to healthy eating |
| To improve the education and skills of the population | Improve the exam performance of pupils in Barnet's schools Reduce the number of adults with no qualifications Help fill the skills gap Promote high quality, multi purpose educational facilities |
| To provide Barnet's population with the opportunity to live in a decent affordable home | Increase access to good quality and affordable housing Encourage mixed use and range of housing type and tenure Reduce the number of unfit homes Reduce homelessness |
| To provide good quality surroundings for all | Improve the satisfaction of people with their neighbourhoods as places to live Improve residential amenity and sense of place |
| To reduce crime and the fear of crime | Reduce anti social behaviour by designing out crime Reduce the fear of crime |
| To improve accessibility for all to services and facilities | Improve access to key community services Improve the level of investment in key community services Improve access to green and open spaces Improve access to public transport |
| To encourage a sense of community; identity and welfare | Encourage engagement in community activities Foster a sense of pride in an area Improve community cohesion Encourage people to respect and value their contribution to society Increase the ability of people to influence decisions |



8 Compatibility of sustainability objectives

- 8.1 This section tests the sustainability objectives identified in this report against each other as required by the SEA Directive. There may be tensions between objectives that cannot be resolved; the compatibility assessment should clarify these so that subsequent decisions are well informed and mitigated or alternatives can be considered.
- 8.2 The following matrix tests the 22 objectives against each other.



8.3 Objectives:

- 1. To encourage sustained economic growth and promote economic prosperity.
- 2. To offer the opportunity for rewarding and satisfying employment.
- 3. To encourage and accommodate both indigenous and inward investment.
- 4. To reduce disparities in economic performance and promote regeneration.
- 5. To reduce the effect of traffic on the environment.
- 6. To maintain and enhance the quality of landscapes and townscapes.
- 7. To conserve and enhance the borough's existing biodiversity and seek to increase where possible.
- 8. To reduce the risk of flooding for people and property.
- 9. To improve air quality.



- 10. To conserve and where appropriate enhance the historic environment and cultural assets.
- 11. To achieve sustainable management of waste.
- 12. To reduce contributions to climate change and reduce vulnerability to climate change.
- 13. To increase energy efficiency and the proportion of energy generated from renewable sources.
- 14. To encourage sustainable use of land.
- 15. To achieve sustainable water resources management.
- 16. To improve the Health of Barnet's population.
- 17. To improve the education and skills of the population.
- 18. To provide Barnet's population with the opportunity to live in a decent affordable home.
- 19. To provide good quality surroundings for all.
- 20. To reduce crime and the fear of crime.
- 21. To improve accessibility for all to services and facilities.
- 22. To encourage a sense of community; identity and welfare.



9 Consulting on the scope

- 9.1 It is required by the *Strategic Environmental Assessment Directive*, that the scoping report should be referred to the three consultation bodies with environmental responsibilities:
 - English Heritage
 - Environment Agency
 - · Natural England.
- 9.2 The council is keen to ensure the widest possible consultation takes place and to ensure that the SA will be comprehensive and robust enough to support the relevant DPD during consultation. It is therefore desirable for other bodies with social and economic responsibilities to be consulted, as the council considers appropriate. It is a requirement that all consultees be given five weeks to respond to the scoping report.
- 9.3 At this stage there is no legislative requirement to consult the public. The scoping report is to be sent to the following list of bodies:
 - Three statutory SEA consultation bodies:
 - » English Heritage
 - » Environment Agency
 - » Natural England.
 - Local authorities:
 - » London Borough of Camden
 - » London Borough of Harrow
 - » London Borough of Brent
 - » London Borough of Enfield
 - » London Borough of Haringey
 - » Hertsmere Borough Council.
 - Additional organisations:
 - » Government Office for London
 - » Greater London Authority.
 - Local organisations:
 - » Local organisations who have expressed an interest in sustainability issues as part of the consultation on the Statement of Community Involvement process.
 - Internal circulation:
 - » Representatives with expertise in air quality management, waste, community safety, biodiversity and contaminated land.
- 9.4 To guide the consultees through the scoping report, a list of specific questions have been set out in Section 1.



Next stage

9.5 Sustainability appraisals are completed alongside the preparation of the DPDs and the council consider responses received to this scoping report. The emerging issues and options for the DPDs will be accompanied by this sustainability appraisal report and the next sustainability appraisal commentary. The emerging DPDs will be tested against this SA framework before the next stage of consultation on the plan options proceeds.



Appendix 1 – Detailed baseline information

| Issue | Indicator | Current/baseline | Trends | Comparators and Targets | Actions for DPD/SA | Information and Sources Used |
|----------------------|--|--|---|---|--|---|
| Deprivation | | | | | | |
| Multiple Deprivation | 2007 IMD Scores | 2007 London Borough of Barnet ranked 128 th most deprived local authority out of 354 in England and Wales (where 1 is the most deprived). | | Lower ranking at next index | Address deprivation in all its forms | Indices of Multiple Deprivation 2007 (DCLG) |
| Employment | | | | | | |
| Average Income | Average Gross and Median Income | Barnet gross income: £39,000 Barnet household | | £37,000 London median: | Support growth in local jobs | CACI Published in 'Barnet Housing' Feb 2006 |
| | | median Income: £33,000 | | £31,000 | | |
| Income | Index of Multiple Deprivation 2007 | Barnet Rank of Income Scale = 38 out of 354 | Barnet Ranked 47 in 2004 | Lower ranking at next Index | Take advantage of development opportunities | ONS |
| Economic Activity | % of working age population claiming Job Seekers Allowance | 1.8% Claimant Count May 2008 | Rate has not exceeded 3.0% since 1999 2.0% Claimant Count August 2007 | London (2.6%) May 2008 Maintain and improve Barnet's rank amongst London boroughs | Take advantage of development opportunities | ONS |



| Issue | Indicator | Current/baseline | Trends | Comparators and Targets | Actions for DPD/SA | Information and Sources Used |
|----------------------------------|--|-------------------------------------|--|---|---|------------------------------------|
| Economic Activity | % economically active who are disabled | Barnet: 10.67% | 2004/05:17.6% 2005/06: 18% | Top England Councils2004/05 75% Target: 26% by 2008 | Provide access to employment for disabled people and other parts of the community | BVPI 2006/07 |
| Economic Activity | Households with no Adult in Paid Employment | Barnet: 17.7% | Expected increase: 18.2% | Greater London 25.5% | | GLA predictions and 2001 Census |
| Economic Activity | % of unemployed people claiming Job Seekers Allowance who have been out of work for more than a year | 12.1% Claimant Count May 2008 | Trend has been downwards since 1996. | London (15.4%) Maintain and improve Barnet's rank amongst London boroughs | Take advantage of development opportunities and ensure that employment opportunities are accessible locally | ONS |
| Economic Activity | % of 16-18 year olds not in Employment, Education or training (NEET) | Nov-Jan 2008: 4.6% | Jan 2006: 5.9% Jan 2007: 4.5% | | Reduce the NEET figure | Barnet's Corporate Plan NI 117 |
| Employment Population character | % of Total Working Population in Barnet in Employment | 72.4% Oct 2006 - Sept 2007 | | | London 69.8% | NOMIS |



| Issue | Indicator | Current/baseline | Trends | Comparators and Targets | Actions for DPD/SA | Information and Sources Used |
|---|-------------------------------------|---|--|--|--|--|
| Population size | Population count in Barnet | 2006 Mid Year Estimate: 328,600 | Due to reach over 360,000 by 2016 | | Provide adequate housing, jobs and services to accommodate predicted growth | ONS |
| Population Age Structure | Projected Age group sizes 2007 | Under 20 -24.6% 20-59 - 57.1% Above 60 - 18.23% | Largest predicted growth in 60+ group | | Ensure that the needs of Barnet's large young age groups, and prepare for needs of older age groups | ONS Projected Age Group Sizes 2007 published in Barnet AMR December 2007 |
| Population Density | Number of people per hectare | Projected population 2007 – 332,400 Density – 38.32 | | London: 45.62 | Ensure that high population density does not detract from quality of life – dwelling sizes, provision of facilities and services | ONS 2007 Projections. Published in Barnet AMR 2007. |
| Ethnic Composition Education, skills and | Ethnic group size GLA Estimate 2007 | Barnet: 70% white BME groups: Indian: 9% Black African 5% | | London: 71% White BME groups Indian: 6% Black African: 5.2% | Take into account the particular needs of ethnic minorities | GLA Estimate 2007 |



| Issue | Indicator | Current/baseline | Trends | Comparators and Targets | Actions for DPD/SA | Information and Sources Used |
|---|--|---------------------------------------|-------------------|---|---|---|
| Educational Attainment – Key Stages | % achievement at level 4 or above in both English and Maths at Key Stage 2 (Threshold) (NI 73) | 2007/08 77% | | London borough average | Continue increase in educational achievement at Key Stages | NI 73 published in Barnet Corporate Plan |
| Educational Attainment - GCSE | % pupils achieving 5 or more GCSEs at A*-C or equivalent | 2006/07 - 89.8% | 2005/6 - 63.1% | London borough average | Continue increase in educational achievement at GCSE | Community Strategy, BVPI 38 |
| Educational Attainment | % population – NVQ level 4 (degree and above) and above | Jan – Dec 2006: 37.1% | | London: 34.6% | Continue increase in educational achievement at further education level | ONS Annual Population Survey NOMIS |
| Educational Attainment - NVQ | Number of adults achieving a.) full level 2 NVQ or equivalent) b.) full level 3 (NVQ or equivalent) | 2005/06: a. 473 b. 430 | | Target for 2006/7: a. 822 b. 537 | Promote adult learning | BVPI |
| Quality of Life - Education | % of residents who feel that education provision in Barnet has got worse in last 3 years | BVPI General Survey 2003/04 27% | | London Average 21% Target: Reduce % dissatisfied with local education provision | Ensure accessibility to educational facilities and resources. Promote learning. | BVPI |



| Issue | Indicator | Current/baseline | Trends | Comparators and Targets | Actions for DPD/SA | Information and Sources Used |
|-----------------------------|---|--|--------------|---|---|---|
| Local economy and b | ousiness | | | | | |
| Business growth | % change in VAT registrations in Barnet 2006 | Barnet registrations: 10% Barnet deregistrations 11.4% Total stock: 14,870 | | London registrations: 11.3% London deregistrations: 8.9% | Provide conditions for business growth | Nomis |
| Local Economic Structure | % employed in a) wholesale retail and trade b) real estate, renting and business activities | Barnet: a) 16.59 b) 21.48 | | London: a)14.41 b) 20.28 | Ensure access to greater diversity of job opportunities | ONS Census 2001 |
| Occupation structure | % employed in a) managerial positions b) professional occupations c) elementary occupations | Barnet: a)18 b)23.9 c)7.2 | | London: a)18 b)16.7 c) 8.9 | Ensure local accessibility to high level jobs. | ONS Oct 2006 – Sept 2007 |
| Employment Space | B1/B2 floor space lost to residential use in hectares (ha) | 2006/07 0.66 ha | | | | Barnet AMR Dec 2007 |
| Employability | 16-18 year olds not in education, employment or training (NEET) | NI 117 Nov-Jan 08: 4.6% | Jan 07: 4.5% | | | London Borough of Barnet Corporate Plan 2008/9- 2011/12 NI 117 |
| Town Centre Vacancies | % of vacant retail units within regional, | 2007: 7% | 2006: 6.7% | | | Retail Survey for Barnet carried out by Experian |



| Issue | Indicator | Current/baseline | Trends | Comparators and Targets | Actions for DPD/SA | Information and Sources Used |
|--------------------------------------|---|----------------------------|-----------------------------------|--|---|-------------------------------------|
| | district and major town centres. | | | | | 2007. In-house survey 2006. |
| Community cohesion | and engagement | | | | | |
| Community Cohesion | % of residents that feel strongly that they belong to their neighbourhood | 2003/04: 74% | | | Ensure that community benefits from new development | BVPI General Survey 2003/04 |
| Community Cohesion | % of residents that agree that their local area is a place where people from different backgrounds get on well together | 2005/06 85% | Improved from 66% in 2003/4 | 86% in 2006/7 | Ensure that all sectors of community have opportunity to benefit from new development | BVPI |
| Community Engagement | Percentage of adults who feel a) very involved b) fairly involved in decisions affecting their local area | a) 1% b) 15% 2007/08 | | a) 2% b) 12% 2006/7 | Involve community in decision making | Annual Resident's Survey 2007/08 |
| Health and quality of | life | | | | | |
| Life Expectancy | Average Life Expectancy in Barnet (years) | Men - 79 Women – 83.4 | | England: Men – 77.32 Women – 81.55 | Maintain high quality of life standards across the borough | ONS Jan 2004 – Dec 2006 |
| Quality of Life (Health Services) | % of residents who feel that health services in Barnet | 2003/04: 35% | | London Average 32% Reduce % | Provision off accessible health care | BVPI General Survey 2003/04 |



| Issue | Indicator | Current/baseline | Trends | Comparators and Targets | Actions for DPD/SA | Information and Sources Used |
|--|---|------------------------------|---------------------------------------|--|--|-------------------------------|
| | have got worse in last 3 years | | | dissatisfied with local health services | facilities that meet demand | |
| Quality of life (Health Services) | GP Services Access to a GP within 2 days | 2005/6: 100% | Increase from 87% in March 2005 | Maintain at 100% | Provision off accessible health care facilities that meet demand | BVPI General Survey 2005/6 |
| Quality of Life (Cultural Services) | % users satisfied with Cultural Services • museums and galleries • arts activities and venues | 2003/04 • 22% • 21% | | Top London Council • 40.25% • 42.25% Target: (2006/07) • 42% • 41% | Ensure accessibility to cultural facilities. Promote learning. | BVPI 119 (c) & (d) |
| Sport & Leisure Facilities User Satisfaction | % users satisfied with other sports and leisure facilities | (2003/04) 39% | | Top London Council 49.25% Target: 49% (2006/07) | Ensure accessibility to recreational facility. Encourage physical activity and wellbeing | BVPI 119 (a) |
| Library User Satisfaction | % users satisfied with Libraries | BVPI 118 (2003/04) 87% | | Top London Council 89.5% Target: 88% (2006/07) | Ensure accessibility to educational facilities and resources. Promote learning. | BVPI 118 (2003/04) |
| Use of Temporary | % change in families | BVPI 203 | 2004/05 | | Generate | BVPI 203 |



| Issue | Indicator | Current/baseline | Trends | Comparators and Targets | Actions for DPD/SA | Information and Sources Used |
|------------------------------|---|---|---|--|---|------------------------------|
| Accommodation | in temporary accommodation | 2006/2007 +13% | +11.98% Trend is upwards to reflect short term impact of Priority Estate Regeneration | | additional affordable housing for families | 2006 |
| Housing | | | | | | |
| Quality of Life - Housing | % of residents who feel that provision of affordable decent housing has got worse in last 3 years | BVPI General Survey 2003/04 60% | Trend will follow increase in house prices | London Average 60% Reduce % dissatisfied with provision of affordable decent housing | Generate additional affordable housing | BVPI |
| Affordable homes completions | Affordable Homes Completed | 2005/6: 187 | | London Plan Target: 50% of all new homes in Barnet to be affordable, 212 on site by 2006/7 Move towards London Plan Target | Generate additional affordable housing | AMR |
| Housing tenure | Housing tenure | Owner-occupied: 67% Private rented or living rent-free: 15% Rented from LA: 10% | | | Increase flexibility between tenures and maximising housing choice | ONS |



| Issue | Indicator | Current/baseline | Trends | Comparators and Targets | Actions for DPD/SA | Information and Sources Used |
|----------------------------|--|---|---|---|---|------------------------------------|
| | | Other social rented: 4% Other: 4% | | | | |
| Housing Stock | % of dwellings with 5 or more habitable rooms (excluding bathrooms). | 2001 57% | | | | ONS |
| Housing affordability | Borough rank in London, according housing affordability | Barnet is the 14 th most expensive LA in the UK, and 9 th in London | | | Maintain supply of affordable housing to increase affordability | Barnet Annual Monitoring Report |
| Homelessness | Households accepted as homeless and in priority need | 10 in 2006/07, | 0-10 in 2004/5 | Less than 10 in 2006/7 | Improve homelessness where possible | HSSA |
| Neighbourhood and | local environment quali | ty and biodiversity | | | | |
| Local Area Improvement | % residents who consider local area has got better in the last 12 months | 16% (2004/05) | Upwards compared with 12% (2003/04) | | Ensure that local areas benefit from development | Barnet residents survey 2005 |
| Neighbourhood satisfaction | % residents who are very satisfied with their neighbourhood as a place to live | 40% very satisfied (2004/05) | | | Ensure that local areas benefit from development | Barnet Residents Survey 2005 |
| Green space quantum | Hectares of green space by ward | 848 ha in Barnet (2.57 ha per 1,000 population | | NPFA standard is 2.4ha per 1,000 population All residents should have | Ensure new developments avoid loss of overall open space quantum and that quality and | Barnet UDP |



| Issue | Indicator | Current/baseline | Trends | Comparators and Targets | Actions for DPD/SA | Information and Sources Used |
|---------------------------------|--|--|--------|---|---|------------------------------|
| | | | | access to a Local Park (2ha) within 400m of their home and a Small Local Park (less than 2ha) within less than 400m. | access is improved across the area. | |
| Green spaces users satisfaction | % residents satisfied with green spaces | 72% satisfied with parks | | Top London Council: 73.25%. London average = 69% Target: 77% (2006/07) | Ensure accessibility to greenspaces. Encourage physical activity and wellbeing. Ensure high maintenance standards | BVPI 119 (e) 2003/04 |
| Quality of parks | Premier Parks meeting Green Flag standards | 4 Premier Parks have Green Flag status 2006/07 Four | | Premier Parks to attain Green Flag Status 7 by 2007/08 16 by 2010/11 Residents should all be within 1 mile of a premier park. Each park to be part of a 5 year improvement plan | Applications lodged Ensure accessibility to greenspaces. Encourage physical activity and wellbeing. | |
| Built Environment | Number of | 2005/06 -18 CAs | | Target: 2008/09 | Improve | BVPI |



| Issue | Indicator | Current/baseline | Trends | Comparators and Targets | Actions for DPD/SA | Information and Sources Used |
|----------------------|--|--|-----------------------------------|---|---|------------------------------|
| | conservation areas in the borough | | | 20 | conservation management where applicable | |
| Nature Conservation | Number of SSSIs and Local Nature Reserves in the borough | 1 SSSI partly in Borough (Brent Reservoir) 5 LNRs - Rowley Green, Oak Hill Woods, Scratchwood and Moat Mount, Coppetts Wood and Glebelands, and Big Wood and Little Wood. | | Access to Natural Greenspace Standard suggests all residents should have access to a local wildlife habitat within 300m of their home | Maintain and protect nature reserves Ensure development has no adverse impact on Brent Reservoir and feeding watercourses such as the Silk Stream | Barnet UDP |
| Crime | | | | | | |
| Perception of safety | Percentage of people who feel a.) safe at night b.) very safe at night | a) 9 b) 32 (2005-06) | | Targets: a) 10 c) 33 2005/06 | Improve safety | BVPI |
| Burglary | Burglaries per 1000 households | 2004/05 20.2 | 3.4% increase since 2003/04 | London borough average 19.2% | Reduce burglaries | BVPI 126a |
| Street Robbery | Robberies per 1000 population | 2004/05 3.75 | 9.7% increase from 2003/04 | London borough average 5.3 Target: 3.72 for 2006/07 | Reduce Robberies | BVPI 127e |
| Vehicle Crime | Vehicle crimes per | 2004/05 17.3 | 2.1% from | London borough | Continue to | BVPI 128a |



| Issue | Indicator | Current/baseline | Trends | Comparators and Targets | Actions for DPD/SA | Information and Sources Used |
|---|--|---|------------------------------|---|---|------------------------------|
| | 1000 population | | 2003/04 | average: 19.5 Target: 15.01 for 2006/07 | reduce car crime | |
| Road injuries | Road accident casualties – people killed or seriously injured | 2005/06 172 | Decrease from previous years | London average 153.3 | Encourage better design to make roads safer | BVPI 99 (d) |
| Transport | | | | | | |
| Resident satisfaction with public transport | % residents who feel that public transport services are excellent, very good or good | 58% 2005/06 49% residents are satisfied with public transport 16% are dissatisfied | None available | 60% 2006/07 | Improve access to good public transport services | Community Strategy |
| School Travel Plans | No. of schools with a School Travel Plan | 33 in 2005 | 8 out of 152 in 2004 (5%) | 63 by 2006/7 | Ensure accessibility to local educational facilities and resources. Promote learning. Encourage higher road safety standards. Encourage physical activity and wellbeing | Community Strategy |
| Public Transport | % residents who feel | BVPI General | | | Improve | BVPI General Survey |



| Issue | Indicator | Current/baseline | Trends | Comparators and Targets | Actions for DPD/SA | Information and Sources Used |
|-----------------------------|--|--|-----------------------|--|--|------------------------------|
| Services | that public transport services have got better over the last 3 years minus those who feel they have got worse | Survey 2003/04 -4% | | | access to good public transport services | 2003/04 |
| Travel to work mode | Travel to work journeys by mode (%) | 2001: car driver /Passenger – 45% public transport - 22% by foot or cycling: 26% | | Increase % of personal travel made by non car modes | Continue to encourage forms of travel other than car | Barnet LIP LATS |
| Sustainable Transport | % of Resident population who travel to work by public transport | 2001: 37% | | | | ONS |
| Waste and recycling | | | | | | |
| Level of composting | % of waste composted | 2006/07 11.55% | +4.2 from 2004/05 | London borough average: 3.7% Target: 35% recycled/compost by 2007/08 | | BVPI 82 b) |
| Waste recycling | % waste recycled | 2006/07 17.92% | + 3.5 from 2004/05 | London borough average: 13.7% =Target: 35% recycled/compost by 2007/08 | Improve the amount of waste recycled | BVPI 82 a) |
| Level of recycling services | % population served by a kerbside recycling collection or | 2006/07100% | Maintained at 100% | London borough average: 88.9% | Maintain recycling record | BVPI 91 |



| Issue | Indicator | Current/baseline | Trends | Comparators and Targets | Actions for DPD/SA | Information and Sources Used |
|---|--|------------------------------|--------------------------------|---|---|--------------------------------|
| | within 1km of a recycling centre | | | | | |
| Waste generation | Waste per head (kg) | 2006/07 431.64 | -4 from 2005/06 | London borough average 440.9 Target: 433/head by 2006/07 | Continue waste per head reduction | BVPI 84 |
| User satisfaction with waste collection and recycling | % users satisfied with a) waste collection b) recycling | 2006/07 a) 80 b) 67 | 2003/04 a) 81% c) 62% | Top London Council a) 76.25% b) 60% | Continue high waste collection performance | BVPI General survey 2003/04 |
| Energy Consumption | | | | | | |
| Carbon Emissions | Average Carbon Emissions per Household 2007 in Tonnes | 6.11 Tonnes per Year 2007 | | | | Energy Savings Trust |
| Energy efficiency | % of new homes achieving Ecohomes 'very good' or equivalent Code for Sustainable Homes Rating | 100% 2005/6 | No trend information available | Target: 100% | Achieve high Ecohomes standards (at least very good) or equivalent Code for Sustainable Homes | BVPI 2006 |
| Energy efficiency | Average SAP rating of authority dwellings (energy efficiency) | 68.31% 2005/6 | 66% in 2004/5 | London average 64.6 By 2008/9 69% | Increase energy efficiency | BVPI 2006 63 |
| Reuse of brownfield I | · · · · · · · · · · · · · · · · · · · | | | | | |
| Redevelopment of | % new homes built on | 100% | Increased from | London average | Continue to | BVPI 2006 |



| Issue | Indicator | Current/baseline | Trends | Comparators and Targets | Actions for DPD/SA | Information and Sources Used |
|-------------------------------------|---|---|------------------|-------------------------|--|------------------------------|
| Brownfield land for residential use | previously developed land | 2006/07 | 94% in 2004/5 | 97.6 | utilise brownfield land and minimize new build on undeveloped land | |
| Flood risk | | | | | | |
| Flood Risk | % Likelihood of an 'extreme flood in 1000 years. | | | | Consideration of site flood zones as specified by the Environment Agency | The Environment Agency |
| Flood Risk | Number of planning applications granted contrary to the advice of the Environment Agency on either flood defence grounds or water quality | In terms of referrals on either flood defence grounds or water quality, granted contrary to advice, the council referred a total of 228 planning applications to the Environment Agency in 2005/06. The council approved 110 of these | | | | |



| Issue | Indicator | Current/baseline | Trends | Comparators and Targets | Actions for DPD/SA | Information and Sources Used |
|-------|-----------|--|--------|-------------------------|--------------------|------------------------------|
| | | referrals, none of them were contrary to the Agency's advice. | | | | |



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Haddii aad la tashigaan ku rabtid luuqaddaada, fadlan u soo qor Planning Policy Team, Planning and Environmental Protection Service, Building 4, North London Business Park, Oakleigh Road South, London N11 1NP. Mahadsanid.

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আপনার যদি এই কনস্যাল্টেশন (শ্লা-প্রামশ) আপনার নিজস্প ভাষায় প্রয়োজন হয়,

তাহলে অনুগ্রহ করে যাকে লিখবেন তিনি হলেন

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