

# **Sustainability Report**

**Sustainability Appraisal  
of the Twineham Neighbourhood Plan 2014 - 2031  
incorporating Strategic Environmental Assessment**

**V6 June 2015**

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# 1: Introduction

What is Sustainability Appraisal/Strategic Environmental Appraisal?

We are required by European Law to undertake what is known as a Strategic Environmental Assessment (SEA) of the Twineham Neighbourhood Plan (TNP). An SEA is a process for identifying the environmental impacts likely to arise from the Plan.

To help ensure that the TNP will promote sustainable development, it is best practice in the UK to undertake a Sustainability Appraisal (SA). An SA is a process that aims to predict and then assess the economic, environmental and social effects likely to arise from the adoption of the Neighbourhood Plan.

As both the SA and the SEA aim to predict and assess the impacts of plans, they are usually combined to avoid duplication. They are referred to as the SA/SEA.

An SA/SEA Scoping Report was published in 2012 outlining the main issues that will need to be considered when planning development in Twineham. We have carried out SA/SEA of the Twineham Neighbourhood Plan and the results are included in this Report. The Plan explains how the recommendations of this report were considered when finalising the Plan Policies.

## Contents of Sustainability Report

- This section describes what a Sustainability Appraisal is for, how this one has been carried out, and what area it covers. It also describes the existing policy context that the Plan is being prepared under
- Section 2 summarizes key issues facing Twineham now and in the future, based on the evidence available (evidence is summarized in Appendix A)
- Section 3 describes the Sustainability Objectives for the Neighbourhood Plan. Development meeting these objectives will be considered to be 'sustainable development' by the Parish Council. This section also includes monitoring indicators that will be used to determine whether development is meeting the objectives or not.
- Section 4 outlines how the Sustainability Objectives are aligned with existing policy and the objectives of the Draft Neighbourhood Plan, and whether the aims of sustainable development conflict with the aims for development within the Parish.
- Section 5 describes the Sustainability Appraisal of the Options that were consulted upon in September 2013. This Appraisal was used to inform the preparation of the Draft Neighbourhood Plan policies. (The full Appraisal is in Appendix B)
- Section 6 describes the Sustainability Appraisal of the Draft Twineham Neighbourhood Plan policies, and recommendations arising from the Appraisal. (The full Appraisal is in Appendix C)

## Methodology

At the first stage of the SA/SEA scoping of the Plan, the Parish Council collected contemporary information on social, environmental and economic issues in Twineham. This is known as the 'baseline' data. This information was collected from studies, many of which were commissioned to inform the preparation of the Twineham Neighbourhood Plan; public engagement on the Neighbourhood Plan carried out in 2011 and feedback from public consultation in September 2013, and other evidence published at District and County levels. This information enabled the key issues facing the Twineham Neighbourhood plan area today to be identified.

The next stage of the process was to identify and analyse all plans, programmes and policies that could impact on the Neighbourhood Plan. These plans, programmes and policies include documents relevant to Twineham Parish. Mid Sussex District Council are preparing a District Plan and have identified plans policies and programmes from international to District level that affect Mid Sussex.

A Scoping Report was prepared containing a summary of the known baseline information; the implications of concurrent plans, policies and programmes on Twineham; proposed Sustainability Objectives (SOs) and monitoring indicators. The Scoping also described the proposed methodology for undertaking sustainability Appraisal of the plans and policy options for Twineham Neighbourhood Plan.

The Scoping Report was circulated for consultation with statutory consultees and local parish councils from 12<sup>th</sup> June to 20<sup>th</sup> July 2012. Feedback from the consultation has been taken into account, and modifications made to the evidence base, and some of the Sustainability Objectives and Monitoring Indicators. The topics and sustainability priorities of most concern to Twineham were confirmed following the Scoping Report consultation.

This SA is being prepared by Twineham Parish Council who is also responsible for the development of the Neighbourhood Plan. To ensure the SA is subject to impartial scrutiny, we have involved a planning consultant as 'critical friend' to provide objective opinion of the Appraisal.

Policies in the Draft Neighbourhood Plan have been assessed against the Sustainability Objectives. A summary of the SA is shown in the table in section 6. The recommendations of this SA have been taken into account in the Plan.

The Sustainability Objectives have been chosen to represent the economic, environmental and social issues facing the Parish – enabling the assessment to show whether policies would result in balanced, 'sustainable' development, or would favour one of these three themes over another. Each policy or policy option is appraised against each Sustainability Objective and scored according to whether its impact on the Objective would be: major negative, minor negative, neutral or minor positive, major positive or outcome not known. The Draft Neighbourhood Plan contains an account of how it has responded to the Sustainability Appraisal, and any justification for instances where the most sustainable policy recommendation is not proposed to be adopted in the Plan.

The Appraisal has been carried out bearing in mind the cumulative effect of policies with:

Mid Sussex District Plan development proposals  
Adjacent Neighbourhood Plan area policies

The wider impacts of development within the district as a whole are considered by the Sustainability Appraisal and Habitats Regulations Assessment of the District Plan.

## **Policy Context**

The Localism Act gives additional powers to local communities to control their local areas. The Act was given Royal Assent in November 2011 and the parts of the act dealing with Neighbourhood Planning came into force in March 2012.

The National Planning Policy Framework (NPPF) should be taken into account in the preparation of neighbourhood plans (NPPF Para 2). The NPPF requires that planning policy and development decisions be made in light of the Government policy to permit 'Sustainable Development'

The UK Sustainable Development Strategy Securing the Future set out five 'guiding principles' of sustainable development: living within the planet's environmental limits; ensuring a strong, healthy and just society; achieving a sustainable economy; promoting good governance; and using sound science responsibly

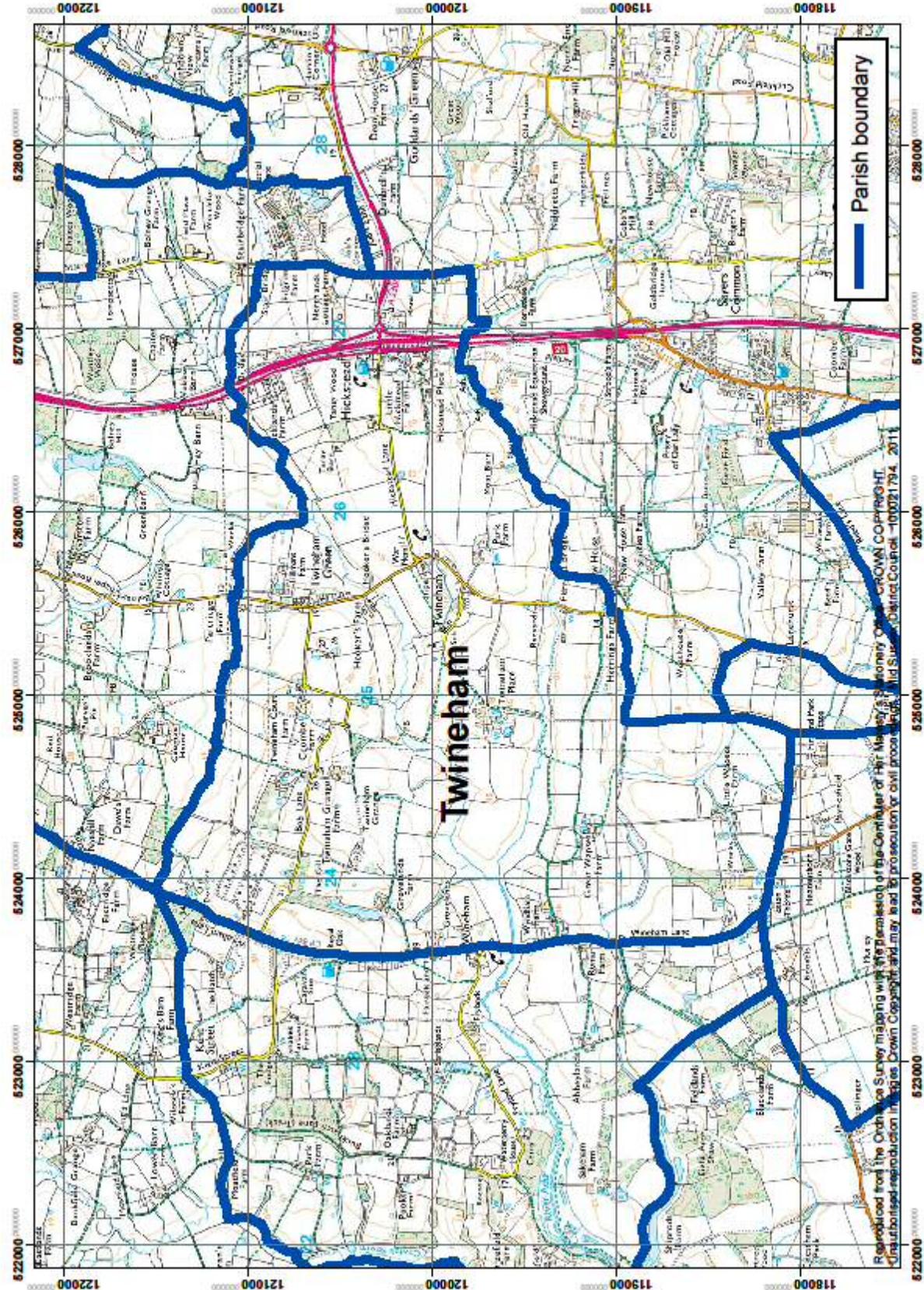
The policies of the NPPF, taken as a whole, constitute the Government's view of what sustainable development in England means in practice for the planning system. To achieve sustainable development, economic, social and environmental gains should be sought jointly and simultaneously (NPPF).

Mid Sussex Local Plan (2004) sets strategic policies for land including housing and employment targets, land and location. Policies of the Local Plan that have been retained are available on the Mid Sussex website.

Mid Sussex District Plan will replace the current adopted Mid Sussex Local Plan, and will be produced in conformity with the NPPF. Mid Sussex District Council is currently consulting on the Pre-submission District Plan, with a view to submitting the plan to the Planning Inspectorate later in 2015. Strategic policies seek to provide the level of development necessary for the district to support the need for housing, jobs and growth of both the local and regional economy, and protect, enhance and benefit from the rural character of the District and its many features of visual and ecological value.

Twineham Parish Plan (2006 adopted by the Parish but not the District Council) sets out aims for the Parish to achieve a more thriving economy and better environment for Twineham. It includes an action plan of measures to achieve this, many of which have been successfully implemented. The Parish Plan provides an insight into the historic objectives and vision for the Parish, which will be used to inform, but will not dictate, the contents of the Neighbourhood Plan

# Neighbourhood Plan Area



## PARISH CHARACTERISTICS

Twineham is located in the Low Weald of Mid Sussex between Crawley and Brighton, in the County of West Sussex. The Parish of Twineham covers an area of 1940 acres and contains four areas of settlement within it; the hamlets of Hickstead, Twineham Green, Twineham and part of Wineham.

- Hickstead is bisected by the A23 trunk road running north south, with most of the housing being to the west of the A23 around the junction with Hickstead Lane.
- Twineham Green is a ribbon of housing mostly along the eastern side of Bolney Chapel Road that runs north south from the A272 down to Hickstead Lane.
- Twineham is a group of cottages, houses, church and school that lie to the south of the River Adur, accessed by Twineham Lane that runs north south from Hickstead Lane and Church Lane that is a no through road ending at the school and St Peter Church.
- Wineham is a cluster of houses on Wineham Lane that runs north south from the A272 to the Albourne Road. Only the eastern side of the lane is in the parish.
- Twineham is one of the smallest communities in Mid Sussex with approximately three hundred residents living in a hundred dwellings

### The local economy

The nature of the local economy is strongly influenced by being close to Crawley and London Gatwick Airport and within commuting distance of London and the south coast.

Approximately 19% of the working population works in London, and 59% within the Gatwick/Brighton diamond. The average distance travelled to work is 16 miles. The rise of home based working is becoming an increasing trend with some 22% of Twineham's working population working fulltime from home, engaged in "knowledge" based occupations.

However, the parish supports an interesting mix of businesses adjoining the A23 as well as farms that have diversified and now attract a variety of small business ventures. (2001 Census; Twineham Neighbourhood Plan Survey 2011)

### Landscape

The rural landscape is a mix of arable and pasture, a mosaic of small and larger fields, scattered woodlands, shaws and hedgerows with hedgerow trees, predominately English oak. The soil is mostly wealden clay with some ridges of Upper greensand and Horsham slab. The agricultural soils are mostly grade 3, being heavier soils prone to water logging.

The rural landscape is typical of the Low Weald, the undulating land rises and falls into low ridges and clay vales carrying the streams of the Upper Adur river system. Two broad, parallel arms of the upper Adur Valley cross the area, branching at Twineham. The northerly branch parallels the wooded, hilly High Weald fringes. Long, winding and leisurely, it drains the shallow clay vale north of Hickstead. There is a flood plain associated with the rivers that is susceptible to increased flows due to climate change and extensive development up stream.

Views south are dominated by the steep downland scarps of the South Downs National Park, particularly from higher ground along Bob Lane. Views north are of the gently dissected wooded slopes of the High Weald AONB. Views to the east are largely obscured by mature trees and hedges, with the westerly views being of the Adur valley as it gently slopes away

towards the Shoreham gap in the South Downs. (*Landscape Character Assessment of West Sussex 2003*)

### **Biodiversity**

The biodiversity of the area has been enhanced in recent years by the take up of farm environment schemes by local farmers. The DEFRA sponsored Countryside Stewardship Scheme (CSS), Higher Level (HLS) and Entry Level Stewardship Schemes (ELS). Due to these schemes there has been a notable increase in farmland species such as barn owls, buzzards, peregrine falcons, and also many songbirds. The farmed landscape contains an extensive network of small woodlands, hedgerows and some hedgerow trees, numerous ponds and areas of tree cover and damp ground in some of the stream valleys that support a wide variety of birds particularly migratory ducks and waders. The area contains the aquatic habitat of the River Adur and Herrings Stream. These watercourses support a population of migratory salmonid fish, which will benefit from the EU Water Framework Directive, presently categorized as moderate to poor condition in 2009. (*Rural Development Programme for England 2007 – 2013*)

### **Heritage**

The Parish contains remnants of medieval landscapes, the post-medieval period is most important as the determinant of the historic landscape. The historic field pattern in this part of the District is a mixture of formal and informal enclosure. However, irregular informal fields characteristic of valley meadow enclosures also occur. Formal enclosure was from woodlands, commons and possibly the re-organization of assart fields. As elsewhere in many parts of the County and District, modern land use changes have tended to fragment older landscapes, and this part of the Low Weald is no exception. Some fields in groupings are today large and open, reflecting the particular amalgamation efforts of some local landowners. The site of the London to Brighton Roman Road crosses the area from north to south and the area is notable for tracks and droveways and historic farmsteads. Nearby the London to Brighton road are the remains of Hickstead Castle. There are a number of listed buildings notably, Hickstead Place, Slipe, Twineham Place, Hooker's Farm, Mercers Cottage all of which display 16<sup>th</sup> or 17<sup>th</sup> Century timber framing in their construction some with Horsham stone roofs once typical of the area. There is also St. Peter's Church, one of the earliest brick build churches in England, the present church being largely built in 1516. (*Landscape Character Assessment of West Sussex 2003*)

### **Air and climate**

Air quality is high due to the prevailing southwesterly winds that blow from the English Channel. The land to the west of the parish is largely rural giving rise to little or no air pollution. The climate is temperate, with summer maximums of 34 centigrade and minimums of 6 centigrade, winter maximums of 14 centigrade and minimums of minus 13 centigrade. (*Met Office 2012*)

### **Water**

Rainfall on average is 750mm per annum, making this part of the driest area in the UK. Water availability for agriculture and human use is coming under increasing pressure due to rising demand and more erratic rainfall patterns. (*Met Office 2012*)

### **Social characteristics**

The population of the parish is 271, with 139 shown as economically active in the 2001 Census. The age profile shows that the greater part of the local population is made up of young families, with parents in their forties with children under sixteen. 25% of residents are under 18 and a further 20% under 45. At the other end of the age range only 11% are over 60, and 4% over 75. This attests to the discernable pattern of natural renewal where every 9 years or so older families, whose children have grown up and left home, make way for younger family units. The population has shown some change over the past decade, similar to national trends, that of an increase in older people, though this has been less pronounced in this parish as access to amenities makes it increasingly difficult to live here if use of a car is not available. At time of writing the average time a family has lived in Twineham is 18.5 years. Twineham parish has a very high proportion of detached dwellings. The social economic background of the resident population would suggest that its health would be above average for the UK, but is average for the South East of England. The Bolney Ward, of which the parish is part, shows a below average life expectancy of 74.6 year (*West Sussex Primary Care Trust, Strategic Commissioning Plan 2009-14; 2001 Census; Twineham Neighbourhood Plan Survey 2011*)

### **Infrastructure**

The material assets of the parish are very limited being a rural area. The only shop / petrol station is at the Hickstead services on the A23 road, where there is also a café and small hotel. Twineham does have a primary school with playing field, currently with ninety pupils of whom sixteen live within the parish. There is also a recreation ground with children's play area used for village events. The parish does however contain the main A23 trunk road giving good access to Gatwick, Crawley, Brighton and the motorway network. There is also a National Grid main substation in the north of the parish that is part of the UK's 400 KV grid system, this does mean that the parish does contain a number of pylon lines serving the surrounding towns. A notable social asset of the parish is the Twineham & Wineham Cricket Club founded in 1893 and still going strong today. There is a bus service at Hickstead with a half-hourly service that runs between Gatwick and Brighton as well as an hourly Burgess Hill to Pulborough service. There is also access to the mainline railway stations at Haywards Heath, Burgess Hill and Hassocks. The relative remoteness of the parish and sparseness of public transport means that households are heavily reliant on private transport. Every household in Twineham owns at least one car, and the average number of vehicles per household is 2.13 cars. (*2001 Census; Twineham Neighbourhood Plan Survey 2011*)

## 2. Key Sustainability Issues for Twineham

There are a number of sustainability issues and challenges facing the parish. While Twineham offers a high quality environment to residents and local businesses, the Neighbourhood Plan will need to manage and seek to resolve a series of issues over its lifetime if the parish is to continue to be successful while respecting its rural setting. In the absence of a Neighbourhood Plan (and as a consequence a lack of vision and strategy for Twineham), there will be fewer opportunities to address the issues and challenges facing the parish, as well as contributing to a reduction in the potential benefit to the community.

**SWOT assessment:** The following table has been informed by issues identified in the public consultation carried out at the Open Day in November 2011 and further informed by the questionnaire (the baseline information collected in Section 4).

<p><b>STRENGTHS</b></p> <ul style="list-style-type: none"> <li>Sense of community</li> <li>Excellent village school</li> <li>Rural setting</li> <li>Heritage of the Low Weald</li> <li>Proximity to South Downs</li> <li>Panoramic views</li> </ul>	<p><b>WEAKNESSES</b></p> <ul style="list-style-type: none"> <li>Rat running through country lanes</li> <li>Very limited public transport</li> <li>High reliance on cars</li> <li>Vulnerable to shock events — power failure, heavy snow, flooding</li> <li>High cost of housing</li> </ul>
<p><b>OPPORTUNITIES</b></p> <ul style="list-style-type: none"> <li>Localism Bill (extended powers for local communities)</li> <li>Re-instate some community events</li> <li>Set up self-help syndicates (eg bulk oil deliveries)</li> <li>Community engagement to help those most affected by shock events</li> <li>Provision of smaller homes if proven local need</li> </ul>	<p><b>THREATS</b></p> <ul style="list-style-type: none"> <li>Creeping urbanisation</li> <li>Built waste site/large business or retail park</li> <li>Increasing traffic resulting from expansion of Burgess Hill</li> <li>Flooding and water pollution caused by large-scale new development</li> <li>Loss of viable agricultural units</li> </ul>

## Key Issues:

Consultation, local studies and engagement with stakeholders and the wider community has indicated a number of key issues faced by the parish:

<b>Challenges facing Twineham</b>	<b>Effect without the Neighbourhood Plan</b>
Problems with flooding due to expansion of Burgess Hill	Strategic policies may not give adequate protection
Potential future need for small housing units for local residents	Unsuitable sites brought forward by landowners
Support for local businesses	Existing policies may not meet their needs and aspirations
Use of redundant farm buildings	Existing policies may not be appropriate for the specific circumstances in Twineham
Pressure for development in countryside	District Plan policies are strategic in nature and may not provide adequate protection
Need to maintain and enhance the natural environment, wildlife networks and biodiversity of the parish	Strategic policies may not give adequate protection
Need to protect and enhance the historic buildings and environment of the parish	Existing strategic policies may not address issues in the parish
Rat running through country lanes	Could get worse with no policy on transport infrastructure

### Housing

There is a need for a small number of additional affordable and market houses for local people.

### Landscape and Open Space

Protect and enhance the area's natural and built environment including landscape, natural resources and cultural heritage.

Conserve the character of important views including those southwards to the South Downs National Park and northwards to the of Area of Outstanding Natural Beauty.

Retain the separate identity of the hamlets of Twineham, Twineham Green and Hickstead and to prevent ribbon development along the A23.

### Jobs and Employment

Manage change in a way that retains the economic and other benefits of the agricultural land in the Parish.

Most people have to travel to work outside the parish.

**Transport**

Peak hour congestion occurs at the junction of Hickstead Lane and London Road A23. Congestion also occurs outside the school during term time and when events are held at this location.

Rural lanes are too narrow and of insufficient strength to carry increased amounts of traffic.

**Ecology and Biodiversity**

Conserve and enhance the biodiversity of Twineham as there are no current designations.

**Design and Heritage**

Protection of listed buildings.

Reduction in light pollution.

**Water**

Twineham suffers from water stress along with the rest of the South East region of England.

Need to control surface water runoff and ensure it does not adversely impact flooding, or water quality in the surrounding countryside.

**Energy**

At times of finite natural resources, increasing energy prices and global warming impacts, there is a need to consider local-scale renewable and low carbon technologies in the Parish

### 3. Sustainability Objectives

In order to undertake the Sustainability Appraisal process for the Neighbourhood Plan, it is necessary to identify sustainability objectives and indicators to enable an assessment to be made of the emerging options and allow for recommendations and mitigation measures to be proposed. The sustainability objectives have emerged through the following considerations:

- as identified from the baseline data in Appendix A
- through the review of documents listed in Appendix A
- to help address sustainability issues as outlined in Section 2
- to help address the 'weaknesses' outlined in the SWOT analysis shown in Appendix A

The proposed sustainability objectives and indicators (Sustainability Framework) for the Sustainability Appraisal of the Neighbourhood Plan are as follows

**1/Env** To preserve and enhance the natural beauty of Twineham in terms of its geology, landform and climate, settlement pattern and historic farmsteads, routeways, woodlands and small fields:

- *loss of hedgerows*
- *area of Ancient Woodland within the parish*
- *loss of any of these features through grant of planning consent*

**2/Env** To ensure waterways in the parish are maintained to reduce flooding:

- *data from Environment Agency*
- *days lost at Primary School due to flooding*
- *private properties at risk from flooding*
- *highway incidents reported to County Council and/or Police*

**3/Soc** To ensure that those in housing need with genuine local connections with Twineham have the opportunity to live in a decent, sustainably constructed and affordable home.

- *bands A, B and C of Common Housing Register,*
- *number rehoused,*
- *turnover of dwellings in Affinity Sutton and Hyde Housing dwellings*

**4/Soc** To ensure a cohesive and safe village community.

- *crime statistics*
- *secured by design*
- *neighbourhood and farm watch*

**5/Soc** To ensure that the community has a high quality and healthy lifestyle.

- *Census figures on long term illness and general health*
- *Number of footpaths, cycle paths and bridleways accessible to all*

- 6/Env** To protect the outstanding landscape setting of the village through the reuse of previously developed land and buildings where appropriate, including reuse of materials.
- *development of brownfield sites*
  - *new employment floorspace on previously developed land*
  - *amount of agricultural land lost to development*
- 7/Env** To increase energy efficiency in existing and new homes, and the proportion of energy generated from renewable sources in the parish, and to use sustainably produced and local products where possible in new development.
- *number of photovoltaic panels installed*
  - *renewable energy schemes obtaining planning permission*
  - *reduction in energy use in public buildings in parish*
- 8/Env** To maintain and improve the water courses and aquifers in the parish, and to conserve water and achieve sustainable water resources management.
- *data from SE Water on water consumption*
  - *data from Environment Agency on water quality*
- 9/Env** To protect and enhance the biodiversity of the parish, its wildlife habitats and species.
- *Data from Sussex Biodiversity Records Office*
  - *Land in EU Stewardship schemes*
  - *Condition of ancient woodland in parish*
  - *Amount of unimproved meadowland*
- 10/Env** To encourage local food production within the village community.
- *number of residents cultivating food crops, keeping poultry, etc*
  - *number of farms producing food crops for local consumption*
- 11/Econ** To protect and support local businesses including the development of a sustainable visitor and tourism sector.
- *data on local employment including part time and work experience*
  - *visitor numbers to Hickstead Showground*
- 12/Env** To reduce impact of traffic in village, improve pedestrian safety and encourage people to walk or cycle locally
- *speed and traffic data from police*
  - *proportion of journeys to work by sustainable methods*
  - *number of local businesses with green travel plans*
- 13/Env** To protect the historic environment of the parish, and to enhance the local distinctiveness.
- *number of Listed Buildings in parish*
  - *number of applications applying for Listed Building Consent*
- 14/Env** To encourage reuse, recycling and food composting in the parish.
- *amount of waste collected*
  - *amount of recycling material in blue bins*

## 4. Sustainability Framework

Neighbourhood Plan Objectives; outlined in Section 6.	1 LANDSCAPE	2 EMPLOYMENT	3 HOUSING	4 INFRASTRUCTURE
Sustainability Objectives: outlined in Section 5				
<b>1/ENV: Countryside</b>	Supports the objective and wishes of the residents.	Strong possibility of compromising the objective unless constraints imposed.	Likely to compromise the objective.	Strong possibility of compromising the objective unless constraints imposed.
<b>2/ENV: Waterways</b>	Supports the objective and wishes of the residents.	Supports the objective and wishes of the residents.	Supports the objective and wishes of the residents.	Supports the objective and wishes of the residents.
<b>3/SOC: Housing Need</b>	Likely to compromise the objective.	Supports the objective and wishes of the residents.	Supports the objective and wishes of the residents.	May support the objective, depending upon the nature of the proposed development.
<b>4/SOC: Home Security</b>	Supports the objective and wishes of the residents.	Supports the objective and wishes of the residents.	May support the objective, depending upon the nature of the proposed development.	May support the objective, depending upon the nature of the proposed development.
<b>5/SOC: Health</b>	Supports the objective and wishes of the residents.	May support the objective, depending upon the nature of the proposed development.	May support the objective, depending upon the nature of the proposed development.	May support the objective, depending upon the nature of the proposed development.
<b>6/ENV: Reuse of Land</b>	Supports the objective and wishes of the residents.	Supports the objective and wishes of the residents.	May support the objective, depending upon the nature of the proposed development.	May support the objective, depending upon the nature of the proposed development.
<b>7/ENV: Energy</b>	May support the objective, depending upon the nature of the proposed development.	Supports the objective and wishes of the residents.	May support the objective, depending upon the nature of the proposed development.	May support the objective, depending upon the nature of the proposed development.
<b>8/ENV: Water Efficiency</b>	Supports the objective and wishes of the residents.	May support the objective, depending upon the nature of the proposed development.	Strong possibility of compromising the objective unless constraints imposed.	May support the objective, depending upon the nature of the proposed development.
<b>9/ENV: Biodiversity</b>	Supports the objective and wishes of the residents.	Strong possibility of compromising the objective unless constraints imposed.	Likely to compromise the objective.	Strong possibility of compromising the objective unless constraints imposed.
<b>10/ENV: Food Production</b>	May support the objective, depending upon the nature of the proposed development.	May support the objective, depending upon the nature of the proposed development.	Strong possibility of compromising the objective unless constraints imposed.	May support the objective, depending upon the nature of the proposed development.
<b>11/ECON: Local Business</b>	May support the objective, depending upon the nature of the proposed development.	Supports the objective and wishes of the residents.	Supports the objective and wishes of the residents.	Supports the objective and wishes of the residents.
<b>12/ENV: Traffic</b>	Supports the objective and wishes of the residents.	May support the objective, depending upon the nature of the proposed development.	Likely to compromise the objective.	May support the objective, depending upon the nature of the proposed development.
<b>13/ENV: Historic Environment</b>	Supports the objective and wishes of the residents.	Strong possibility of compromising the objective unless constraints imposed.	Likely to compromise the objective.	Strong possibility of compromising the objective unless constraints imposed.
<b>14/ENV: Recycling</b>	May support the objective, depending upon the nature of the proposed development.	May support the objective, depending upon the nature of the proposed development.	Strong possibility of compromising the objective unless constraints imposed.	May support the objective, depending upon the nature of the proposed development.

The Twineham Neighbourhood Plan sets out the community's desire to ensure that development is sustainable so that the environment of our parish is maintained for future generations. The vision for Twineham in twenty years' time is that the parish will continue to thrive and reflect the views of its community.

It will do this by:

maintaining the rural character and natural environment of the Parish that makes it such an enjoyable place in which to live,  
promoting the provision of essential rural services, housing and infrastructure that enable local people to live and work in the community.

## 5. Twineham Neighbourhood Plan Objectives

- 1 To protect and enhance the historical agricultural **landscape** of the Parish for the future.
- 2 To ensure appropriate **employment** opportunities are promoted within the Parish so that people who live locally can work locally.
- 3 To enable small-scale **housing** on currently unidentified sites close to adjacent dwellings where there is a proven local need.
- 4 To promote improved **infrastructure** necessary to the well-being of local residents.

## 6. Sustainability Appraisal of Policy Options & Recommendations

### Housing

The plan has not assessed specific sites as public consultation and the Strategic Housing Land Assessment (SHLAA) provided by MSDC has not identified any sites within the Parish. A call for sites undertaken by MSDC did identify a number of possible sites although none were classified as suitable. This is due to the fact that there is no Built-Up Area Boundary (BUAB) within the Parish as the settlements are of a dispersed nature with no clear boundary to them.

Historically the settlements within the parish have grown organically generally by the provision of single units, be that of new build or conversion of existing buildings to residential use. Public consultation and baseline data would show that this has been the most sustainable way that the parish can grow and provides a potential template for future growth. Therefore the options to allocate sites or to allow sites to come forward on a demand led basis have been appraised below. The appraisal shows that the allocation of sites would be less sustainable than allowing suitable sites to come forward on an ad-hoc demand led basis, therefore this is the recommended approach that should be adopted in Policy TNP1.

The Housing Needs Survey shows what type and number of homes that would be suitable to fulfill local need. A small affordable housing need has been identified and it is recommended that this is met, as need arises, by the provision of an exception site(s) that would provide the affordable home(s) that are required to meet local need. The SA shows what can be sustainably accommodated within the Parish to meet this need.

Three options were identified by community consultation, these being either ten (option A), twenty (Option B) or thirty houses (Option C) to be built over the plan period. Option A scored well on protecting the environment but was less sustainable than Option B because it did not meet the identified housing need, Option C was the least sustainable option because it did not score well on environmental and landscape impact generally and particularly badly on reducing the impact of traffic. Option B when viewed against the sustainability objectives has the greatest overall positive impact. Therefore the policy TNP 1 identified within the Twineham Neighbourhood Plan best supports sustainable development.

Key:

<b>Major positive</b>	<b>++</b>
<b>Minor positive</b>	<b>+</b>
<b>Neutral</b>	
<b>Minor negative</b>	<b>-</b>
<b>Major negative</b>	<b>--</b>

## Policy Option for Delivery of Housing

**Option:** That site(s) for housing should be allocated to meet the identified need within the Twineham Neighbourhood Plan.

Twineham Sustainability Objective	SA Assessment of Option	Impact of Policy
<b>1/Env</b> To preserve and enhance the natural beauty of Twineham in terms of its geology, landform and climate, settlement pattern and historic farmsteads, routeways, woodlands and small fields.	This option is neutral for the objective as the option has potential to support the objective, but given that the SHLAA can not identify suitable sites due to there being no BUAB, sites allocation would not by this method be viable.	
<b>2/Env</b> To ensure waterways in the parish are maintained to reduce flooding:	This option is not applicable to this objective	
<b>3/Soc</b> To ensure that those in housing need with genuine local connections with Twineham have the opportunity to live in a decent, sustainably constructed and affordable home.	This option supports the objective.	+
<b>4/Soc</b> To ensure a cohesive and safe village community.	There is a risk that allocating suitable sites without a viable method of selection, would be detrimental to the cohesion of the community and therefore be unsustainable.	-
<b>5/Soc</b> To ensure that the community has a high quality and healthy lifestyle.	There is a risk that allocating suitable sites would reduce the ability of local needs being met as demand arose.	-
<b>6/Env</b> To protect the outstanding landscape setting of the village through the reuse of previously developed land and buildings where appropriate, including reuse of materials.	This option strongly supports the objective	++
<b>7/Env</b> To increase energy efficiency in existing and new homes, and the proportion of energy generated from renewable sources in the parish, and to use sustainably produced and local products where possible in new development.	This option is not applicable to this objective	

<b>8/Env</b>	To maintain and improve the water courses and aquifers in the parish, and to conserve water and achieve sustainable water resources management.	This option is not applicable to this objective	
<b>9/Env</b>	To protect and enhance the biodiversity of the parish, its wildlife habitats and species.	This option is not applicable to this objective	
<b>10/Env</b>	To encourage local food production within the village community.	This option is not applicable to this objective	
<b>11/Econ</b>	To protect and support local businesses including the development of a sustainable visitor and tourism sector.	This option supports the objective	+
<b>12/Env</b>	To reduce impact of traffic in village, improve pedestrian safety and encourage people to walk or cycle locally	This option is not applicable to this objective	
<b>13/Env</b>	To protect the historic environment of the parish, and to enhance the local distinctiveness.	This option is neutral for the objective as historic sites could be protected but local distinctiveness could be harmed by the allocation of sites as opposed to a more organic approach that has informed the historic environment.	
<b>14/Env</b>	To encourage reuse, recycling and food composting in the parish.	This option is not applicable to this objective	

<b>Policy Option for Delivery of Housing</b>		
<b>Option:</b> That site(s) for housing should be provided on a demand led basis to meet the identified need within the Twineham Neighbourhood Plan.		
Twineham Sustainability Objective	SA Assessment of Option	Impact of Policy
<b>1/Env</b> To preserve and enhance the natural beauty of Twineham in terms of its geology, landform and climate, settlement pattern and historic farmsteads, routeways, woodlands and small fields:	This option has potential to support the objective, as given that the SHLAA can not identify suitable sites due to there being no BUAB, sites allocation would be more viable by this method.	+
<b>2/Env</b> To ensure waterways in the parish are maintained to reduce flooding:	This option is not applicable to this objective	

<b>3/Soc</b>	To ensure that those in housing need with genuine local connections with Twineham have the opportunity to live in a decent, sustainably constructed and affordable home.	This option strongly supports the objective, as sites that come forward by demand from the local community are more likely to be for small numbers per site to accommodate local need.	++
<b>4/Soc</b>	To ensure a cohesive and safe village community.	This option strongly supports the objective, as suitable sites will come forward from local demand that would be supportive to the cohesion of the community and therefore be sustainable.	++
<b>5/Soc</b>	To ensure that the community has a high quality and healthy lifestyle.	This option supports the objective, as it would allow demand for elderly residents to downsize their housing need while still being able to stay within the community.	+
<b>6/Env</b>	To protect the outstanding landscape setting of the village through the reuse of previously developed land and buildings where appropriate, including reuse of materials.	This option strongly supports the objective	++
<b>7/Env</b>	To increase energy efficiency in existing and new homes, and the proportion of energy generated from renewable sources in the parish, and to use sustainably produced and local products where possible in new development.	This option is not applicable to this objective	
<b>8/Env</b>	To maintain and improve the water courses and aquifers in the parish, and to conserve water and achieve sustainable water resources management.	This option is not applicable to this objective	
<b>9/Env</b>	To protect and enhance the biodiversity of the parish, its wildlife habitats and species.	This option is not applicable to this objective	
<b>10/Env</b>	To encourage local food production within the village community.	This option is not applicable to this objective	
<b>11/Econ</b>	To protect and support local businesses including the development of a sustainable visitor and tourism sector.	This option supports the objective	+

<b>12/Env</b>	To reduce impact of traffic in village, improve pedestrian safety and encourage people to walk or cycle locally	This option is not applicable to this objective	
<b>13/Env</b>	To protect the historic environment of the parish, and to enhance the local distinctiveness.	This option supports the objective as local distinctiveness could be maintained by sites coming forward using an organic approach that has informed the historic environment.	+
<b>14/Env</b>	To encourage reuse, recycling and food composting in the parish.	This option is not applicable to this objective	

<b>Policy Options for Delivery of Housing</b>		
<b>Option A:</b> Proposals for around ten new homes (irrespective of tenure) would be allowed in appropriate locations in the parish over the period 2014 to 2031:		
Twineham Sustainability Objective	SA Assessment of Option	Impact of Policy
<b>1/Env</b> To preserve and enhance the natural beauty of Twineham in terms of its geology, landform and climate, settlement pattern and historic farmsteads, routeways, woodlands and small fields:	This option has potential to negatively affect landscape character and change settlement pattern. Mitigation can be achieved only to an extent.	-
<b>2/Env</b> To ensure waterways in the parish are maintained to reduce flooding:	This option unlikely to create extra run off water that exacerbates flooding	
<b>3/Soc</b> To ensure that those in housing need with genuine local connections with Twineham have the opportunity to live in a decent, sustainably constructed and affordable home.	This option supports the objective but does not fully meet the identified need.	+
<b>4/Soc</b> To ensure a cohesive and safe village community.	This option supports the objective	+
<b>5/Soc</b> To ensure that the community has a high quality and healthy lifestyle.	This option supports the objective	+
<b>6/Env</b> To protect the outstanding landscape setting of the village through the reuse of previously developed land and buildings where appropriate, including reuse of materials.	This option strongly supports the objective	++

<b>7/Env</b>	To increase energy efficiency in existing and new homes, and the proportion of energy generated from renewable sources in the parish, and to use sustainably produced and local products where possible in new development.	This option is not applicable to this objective	
<b>8/Env</b>	To maintain and improve the water courses and aquifers in the parish, and to conserve water and achieve sustainable water resources management.	There is a risk that additional housing will use more water at times of water stress making the water supply unsustainable.	-
<b>9/Env</b>	To protect and enhance the biodiversity of the parish, its wildlife habitats and species.	This option is not applicable to this objective	
<b>10/Env</b>	To encourage local food production within the village community.	This option is not applicable to this objective	
<b>11/Econ</b>	To protect and support local businesses including the development of a sustainable visitor and tourism sector.	This option supports the objective	+
<b>12/Env</b>	To reduce impact of traffic in village, improve pedestrian safety and encourage people to walk or cycle locally	There is a risk that additional housing will create more traffic making travel more difficult.	-
<b>13/Env</b>	To protect the historic environment of the parish, and to enhance the local distinctiveness.	There is some risk that additional housing will damage the local distinctiveness.	-
<b>14/Env</b>	To encourage reuse, recycling and food composting in the parish.	This option is not applicable to this objective	

<b>Option B:</b> Proposals for around twenty new homes (irrespective of tenure) would be allowed in appropriate locations in the parish over the period 2014 to 2031 provided:		
Twineham Sustainability Objective	SA Assessment of Policy	Impact of Policy
<b>1/Env</b> To preserve and enhance the natural beauty of Twineham in terms of its geology, landform and climate, settlement pattern and historic farmsteads, routeways, woodlands and small fields:	This option has potential to negatively affect landscape character and change settlement pattern. Mitigation can be achieved only to an extent.	-
<b>2/Env</b> To ensure waterways in the parish are maintained to reduce flooding:	This option could create extra run off water that exacerbates flooding	-

<b>3/Soc</b>	To ensure that those in housing need with genuine local connections with Twineham have the opportunity to live in a decent, sustainably constructed and affordable home.	This policy strongly supports the objective.	++
<b>4/Soc</b>	To ensure a cohesive and safe village community.	This policy supports the objective	+
<b>5/Soc</b>	To ensure that the community has a high quality and healthy lifestyle.	This policy supports the objective	+
<b>6/Env</b>	To protect the outstanding landscape setting of the village through the reuse of previously developed land and buildings where appropriate, including reuse of materials.	This policy strongly supports the objective	++
<b>7/Env</b>	To increase energy efficiency in existing and new homes, and the proportion of energy generated from renewable sources in the parish, and to use sustainably produced and local products where possible in new development.	This option is not applicable to this objective	
<b>8/Env</b>	To maintain and improve the water courses and aquifers in the parish, and to conserve water and achieve sustainable water resources management.	There is a risk that additional housing will use more water at times of water stress making the water supply unsustainable.	-
<b>9/Env</b>	To protect and enhance the biodiversity of the parish, its wildlife habitats and species.	This option is not applicable to this objective	
<b>10/Env</b>	To encourage local food production within the village community.	This option is not applicable to this objective	
<b>11/Econ</b>	To protect and support local businesses including the development of a sustainable visitor and tourism sector.	This policy supports the objective	+
<b>12/Env</b>	To reduce impact of traffic in village, improve pedestrian safety and encourage people to walk or cycle locally	There is a risk that additional housing will create more traffic making travel more difficult.	-
<b>13/Env</b>	To protect the historic environment of the parish, and to enhance the local distinctiveness.	There is some risk that additional housing will damage the local distinctiveness.	-
<b>14/Env</b>	To encourage reuse, recycling and food composting in the parish.	This option is not applicable to this objective	

**Option C:** Proposals for around thirty new homes (irrespective of tenure) would be allowed in appropriate locations in the parish over the period 2014 to 2031:

Twineham Sustainability Objective	SA Assessment of Option	Impact of Policy
<b>1/Env</b> To preserve and enhance the natural beauty of Twineham in terms of its geology, landform and climate, settlement pattern and historic farmsteads, routeways, woodlands and small fields:	This option would negatively affect landscape character and change settlement pattern. Mitigation would be difficult to achieve.	--
<b>2/Env</b> To ensure waterways in the parish are maintained to reduce flooding:	This option could create extra run off water that exacerbates flooding	-
<b>3/Soc</b> To ensure that those in housing need with genuine local connections with Twineham have the opportunity to live in a decent, sustainably constructed and affordable home.	This option supports the objective but would provide more than the identified need.	+
<b>4/Soc</b> To ensure a cohesive and safe village community.	This option could negatively affect the objective	-
<b>5/Soc</b> To ensure that the community has a high quality and healthy lifestyle.	This option could negatively affect the objective	-
<b>6/Env</b> To protect the outstanding landscape setting of the village through the reuse of previously developed land and buildings where appropriate, including reuse of materials.	This option could negatively affect the objective as there would not be sufficient previously developed land and buildings	-
<b>7/Env</b> To increase energy efficiency in existing and new homes, and the proportion of energy generated from renewable sources in the parish, and to use sustainably produced and local products where possible in new development.	This option is not applicable to this objective	
<b>8/Env</b> To maintain and improve the water courses and aquifers in the parish, and to conserve water and achieve sustainable water resources management.	There is a risk that additional housing will use more water at times of water stress making the water supply unsustainable.	-
<b>9/Env</b> To protect and enhance the biodiversity of the parish, its wildlife habitats and species.	This option is not applicable to this objective	
<b>10/Env</b> To encourage local food production within the village community.	This option is not applicable to this objective	

<b>11/Econ</b> To protect and support local businesses including the development of a sustainable visitor and tourism sector.	This option could negatively affect the objective by changing the landscape character which is one of the attractions for visitors	-
<b>12/Env</b> To reduce impact of traffic in village, improve pedestrian safety and encourage people to walk or cycle locally	This option would create more traffic making travel more difficult.	--
<b>13/Env</b> To protect the historic environment of the parish, and to enhance the local distinctiveness.	There is some risk that additional housing will damage the local distinctiveness.	-
<b>14/Env</b> To encourage reuse, recycling and food composting in the parish.	This option is not applicable to this objective	

## Employment and the Local Economy

Option A scored well on the protection of the landscape by the reuse of existing buildings, but less well on potential additional traffic, option B is neutral on some aspects but scored poorly on protecting historic agricultural buildings and at supporting the local businesses. Therefore option A, as appraised below, when viewed against the sustainability objectives has a more positive impact than option B or relying on the Local Development Plan. It is therefore recommended that Option A be adopted for Policy TNP 2.

<b>Policy Option for Employment and the Local Economy</b>		
<b>Option A: Proposal to support diversification of established agricultural businesses.</b>		
Twineham Sustainability Objective	SA Assessment of Option	Impact of Policy
<b>1/Env</b> To preserve and enhance the natural beauty of Twineham in terms of its geology, landform and climate, settlement pattern and historic farmsteads, routeways, woodlands and small fields.	This option has potential to negatively effect landscape character. The reuse of existing agricultural buildings would not run this risk, and may enhance historic farmsteads, therefore neutral overall.	
<b>2/Env</b> To ensure waterways in the parish are maintained to reduce flooding:	This option can create extra run off water that exacerbates flooding.	-
<b>3/Soc</b> To ensure that those in housing need with genuine local connections with Twineham have the opportunity to live in a decent, sustainably	This option is not applicable to this objective	

	constructed and affordable home.		
<b>4/Soc</b>	To ensure a cohesive and safe village community.	This option is not applicable to this objective	
<b>5/Soc</b>	To ensure that the community has a high quality and healthy lifestyle.	This option supports the objective as residents can work locally instead of having to travel out of the Parish.	+
<b>6/Env</b>	To protect the outstanding landscape setting of the village through the reuse of previously developed land and buildings where appropriate, including reuse of materials.	This option strongly supports the objective	++
<b>7/Env</b>	To increase energy efficiency in existing and new homes, and the proportion of energy generated from renewable sources in the parish, and to use sustainably produced and local products where possible in new development.	This option is not applicable to this objective	
<b>8/Env</b>	To maintain and improve the water courses and aquifers in the parish, and to conserve water and achieve sustainable water resources management.	This option is not applicable to this objective	
<b>9/Env</b>	To protect and enhance the biodiversity of the parish, its wildlife habitats and species.	This option is not applicable to this objective	
<b>10/Env</b>	To encourage local food production within the village community.	This option is not applicable to this objective	
<b>11/Econ</b>	To protect and support local businesses including the development of a sustainable visitor and tourism sector.	This option strongly supports the objective	++
<b>12/Env</b>	To reduce impact of traffic in village, improve pedestrian safety and encourage people to walk or cycle locally	There is a risk that employment development will create more traffic making travel more difficult.	-
<b>13/Env</b>	To protect the historic environment of the parish, and to enhance the local distinctiveness.	This option supports the objective	+
<b>14/Env</b>	To encourage reuse, recycling and food composting in the parish.	This option is not applicable to this objective	

## Policy Option for Employment and the Local Economy

**Option B:** Proposal **not** to support diversification of established agricultural businesses.

Twineham Sustainability Objective	SA Assessment of Option	Impact of Policy
<b>1/Env</b> To preserve and enhance the natural beauty of Twineham in terms of its geology, landform and climate, settlement pattern and historic farmsteads, routeways, woodlands and small fields:	This option has potential to preserve landscape character. The preservation of existing historic agricultural buildings would be adversely affected, and may be detrimental to historic farmsteads, therefore neutral overall.	
<b>2/Env</b> To ensure waterways in the parish are maintained to reduce flooding:	This option is neutral for this objective.	
<b>3/Soc</b> To ensure that those in housing need with genuine local connections with Twineham have the opportunity to live in a decent, sustainably constructed and affordable home.	This option is not applicable to this objective	
<b>4/Soc</b> To ensure a cohesive and safe village community.	This option is not applicable to this objective	
<b>5/Soc</b> To ensure that the community has a high quality and healthy lifestyle.	This option is detrimental to the objective as it potentially prohibits thriving agricultural businesses.	-
<b>6/Env</b> To protect the outstanding landscape setting of the village through the reuse of previously developed land and buildings where appropriate, including reuse of materials.	This option not supportive of the objective.	--
<b>7/Env</b> To increase energy efficiency in existing and new homes, and the proportion of energy generated from renewable sources in the parish, and to use sustainably produced and local products where possible in new development.	This option is not applicable to this objective	
<b>8/Env</b> To maintain and improve the water courses and aquifers in the parish,	This option is not applicable to this objective	

	and to conserve water and achieve sustainable water resources management.		
<b>9/Env</b>	To protect and enhance the biodiversity of the parish, its wildlife habitats and species.	This option is not applicable to this objective	
<b>10/Env</b>	To encourage local food production within the village community.	This option is not applicable to this objective	
<b>11/Econ</b>	To protect and support local businesses including the development of a sustainable visitor and tourism sector.	This option not supportive of the objective.	--
<b>12/Env</b>	To reduce impact of traffic in village, improve pedestrian safety and encourage people to walk or cycle locally	This option may create more traffic making travel more difficult, but also allow more residents to be able to walk or cycle to work. Therefore neutral overall.	
<b>13/Env</b>	To protect the historic environment of the parish, and to enhance the local distinctiveness.	This option is not applicable to this objective	
<b>14/Env</b>	To encourage reuse, recycling and food composting in the parish.	This option is not applicable to this objective	

## Landscape and Environment

Option A, on landscape and environment, as appraised below, when viewed against the sustainability objectives has a more positive impact than not having a policy, option B, and relying on the Local Development Plan alone. It is therefore recommended that Option A be adopted and that there is a Policy TNP 3.

<b>Policy Option for Landscape and Environment</b>		
<b>Option A: Proposal to have a policy in the Twineham Neighbourhood Plan for landscape and environment.</b>		
Twineham Sustainability Objective	SA Assessment of Option	Impact of Policy
<b>1/Env</b> To preserve and enhance the natural beauty of Twineham in terms of its geology, landform and climate, settlement pattern and historic farmsteads, routeways, woodlands and small fields:	This option strongly supports the objective.	++

<b>2/Env</b>	To ensure waterways in the parish are maintained to reduce flooding:	This option strongly supports the objective.	++
<b>3/Soc</b>	To ensure that those in housing need with genuine local connections with Twineham have the opportunity to live in a decent, sustainably constructed and affordable home.	There is a risk that this option will restrict the supply of decent, sustainably constructed and affordable homes.	-
<b>4/Soc</b>	To ensure a cohesive and safe village community.	This option is not applicable to this objective	
<b>5/Soc</b>	To ensure that the community has a high quality and healthy lifestyle.	This option supports the objective	+
<b>6/Env</b>	To protect the outstanding landscape setting of the village through the reuse of previously developed land and buildings where appropriate, including reuse of materials.	This option supports the objective	+
<b>7/Env</b>	To increase energy efficiency in existing and new homes, and the proportion of energy generated from renewable sources in the parish, and to use sustainably produced and local products where possible in new development.	This option supports the objective	+
<b>8/Env</b>	To maintain and improve the water courses and aquifers in the parish, and to conserve water and achieve sustainable water resources management.	This option is not applicable to this objective	
<b>9/Env</b>	To protect and enhance the biodiversity of the parish, its wildlife habitats and species.	This option supports the objective	+
<b>10/Env</b>	To encourage local food production within the village community.	This option is not applicable to this objective	
<b>11/Econ</b>	To protect and support local businesses including the development of a sustainable visitor and tourism sector.	This option supports the objective, as it can specifically protect the local landscape and environment of Twineham Parish, which attracts visitors.	+
<b>12/Env</b>	To reduce impact of traffic in village, improve pedestrian safety and encourage people to walk or cycle locally	This option is not applicable to this objective	

<b>13/Env</b>	To protect the historic environment of the parish, and to enhance the local distinctiveness.	This option supports the objective	+
<b>14/Env</b>	To encourage reuse, recycling and food composting in the parish.	This option is not applicable to this objective	

<b>Policy Option for Landscape and Environment</b>		
<b>Option B: Proposal not to have a policy in the Twineham Neighbourhood Plan for landscape and environment.</b>		
Twineham Sustainability Objective	SA Assessment of Option	Impact of Policy
<b>1/Env</b> To preserve and enhance the natural beauty of Twineham in terms of its geology, landform and climate, settlement pattern and historic farmsteads, routeways, woodlands and small fields:	This option would not allow for specific requirements of Twineham Parish. General provisions of Local Development Plan policies require extra evidence base provided by Neighbourhood Plans.	--
<b>2/Env</b> To ensure waterways in the parish are maintained to reduce flooding:	This option would not allow for specific requirements of Twineham Parish. General provisions of Local Development Plan policies require extra evidence base provided by Neighbourhood Plans.	--
<b>3/Soc</b> To ensure that those in housing need with genuine local connections with Twineham have the opportunity to live in a decent, sustainably constructed and affordable home.	This option will may assist the supply of decent, sustainably constructed and affordable homes.	+
<b>4/Soc</b> To ensure a cohesive and safe village community.	This option is not applicable to this objective	
<b>5/Soc</b> To ensure that the community has a high quality and healthy lifestyle.	This option is detrimental to the objective, as it does not specifically protect the local landscape and environment of Twineham Parish.	-
<b>6/Env</b> To protect the outstanding landscape setting of the village through the reuse of previously developed land and buildings where appropriate, including reuse of materials.	This option is not supportive of the objective, as it does not specifically protect the local landscape and environment of Twineham Parish.	-
<b>7/Env</b> To increase energy efficiency in existing and new homes, and the proportion of energy generated from renewable sources in the parish, and	This option is not supportive of the objective, as it does not specifically protect the local landscape and environment of Twineham Parish.	-

	to use sustainably produced and local products where possible in new development.		
<b>8/Env</b>	To maintain and improve the water courses and aquifers in the parish, and to conserve water and achieve sustainable water resources management.	This option is not applicable to this objective	
<b>9/Env</b>	To protect and enhance the biodiversity of the parish, its wildlife habitats and species.	This option is not supportive of the objective, as it does not specifically protect the local landscape and environment of Twineham Parish.	-
<b>10/Env</b>	To encourage local food production within the village community.	This option is not applicable to this objective	
<b>11/Econ</b>	To protect and support local businesses including the development of a sustainable visitor and tourism sector.	This option not supportive of the objective, as it does not specifically protect the local landscape and environment of Twineham Parish, which attracts visitors.	-
<b>12/Env</b>	To reduce impact of traffic in village, improve pedestrian safety and encourage people to walk or cycle locally	This option is not applicable to this objective	
<b>13/Env</b>	To protect the historic environment of the parish, and to enhance the local distinctiveness.	This option not supportive of the objective as it does not specifically protect the local landscape and environment of Twineham Parish.	-
<b>14/Env</b>	To encourage reuse, recycling and food composting in the parish.	This option is not applicable to this objective	

## Option to rely on Mid Sussex District Plan Policies assessed against each Sustainability Objective

An alternative option for each policy would be for local development to be considered against the policies in the Mid Sussex District Plan alone. This option has also been assessed against the sustainability objectives.

Sustainability Objective	MSDC Plan Only	Assessment Rationale
1 ENV: Countryside	-	Local need for greater protection of landscape and locally valued places
2 ENV: Waterways	-	Local need to ensure waterways are well maintained to prevent future flooding
3 SOC: Housing Need	-	Local need for housing for local people
4 SOC: Home Security		
5 SOC: Health		
6 ENV: Reuse of land		
7 ENV: Energy		
8 ENV: Water Efficiency		
9 ENV: Biodiversity		
10 ENV: Food Production		
11 ECON: Local Business		
12 ENV: Traffic	-	Local need to reduce traffic speeds in country lanes
13 ENV: Historic Environment		
14: ENV: Recycling		
<b>Overall Policy Impact</b>	-	<b>Desire for aspects of planning to be tailored to local need</b>

Assessed against the sustainability objectives the policies identified in the Twineham Neighbourhood Plan have an overall positive impact with any negative impact against an individual objective being outweighed by positive impacts against other objectives.

The option to rely on the Mid Sussex District Plan when viewed against the sustainability objectives has an overall negative impact. Therefore the policies identified within the Twineham Neighbourhood Plan support sustainable development.

## 7. Sustainability Appraisal of Draft Neighbourhood Plan Policies

The Twineham Neighbourhood Plan has three policies, and one non-statutory action plan.

### Policy TNP1.

The appraisal of the draft Neighbourhood Plan policy TNP 1, shown below, shows that by the addition of a series of development criteria that are required of any new housing development that the level of sustainability is enhanced. It is therefore recommend that these development criteria be adopted as part of policy TNP 1.

The policies quoted here are extracted directly from the Draft Neighbourhood Plan for ease of reference against the Sustainability Objectives.

#### **Policy TNP1 Delivery of Housing**

The following types of housing development will be supported where it respects or enhances the local character of the built, natural, and historic environment of the parish, does not lead to highway problems, is not liable to flooding nor increases flooding elsewhere and should not result in coalescence of existing settlements:

TNP1.1 Proposals for around twenty new homes<sup>1</sup> (irrespective of tenure) will be allowed in appropriate locations in the parish over the period 2014 to 2031 provided:

- the quantum of dwellings and their site coverage will not be an over-development of the plot in relation to neighbouring plot characteristics in respect of built form, massing and building line;
- a satisfactory road access and off street car parking can be achieved; and
- the scheme will not result in the net loss of mature trees, hedges or other natural features that form part of the character of the parish.

TNP1.2 New affordable housing will be considered and determined by an identifiable local need

TNP1.3 All development should be of good design consisting of the best practice standards for well-designed new homes and neighbourhoods in force at the time, contemporary and innovative design is encouraged where appropriate. This means development should:

- Include energy and water efficiency measures
- Use quality materials, these should be sustainably and locally sourced where feasible.

- Apply space standards taking into account the user, circulation space and the need for storage

- Contribute positively to the local character and rural setting
- Should recognize that architectural integrity is of paramount importance and respond in a coherent way
- Not be dominated by parking and hard surfacing
- Utilise appropriate landscaping

Twineham Sustainability Objective	SA Assessment of Policy	Impact of Policy
<b>1/Env</b> To preserve and enhance the natural beauty of Twineham in terms of its geology, landform and climate, settlement pattern and historic farmsteads, routeways, woodlands and small fields:	Additional housing has potential to negatively affect landscape character and change settlement pattern. Mitigation can be achieved to a greater extent when the policy criteria are met. The overall impact is therefore neutral.	
<b>2/Env</b> To ensure waterways in the parish are maintained to reduce flooding:	Additional housing can create extra run off water that exacerbates flooding	-
<b>3/Soc</b> To ensure that those in housing need with genuine local connections with Twineham have the opportunity to live in a decent, sustainably constructed and affordable home.	This policy strongly supports the objective.	++
<b>4/Soc</b> To ensure a cohesive and safe village community.	This policy supports the objective	+
<b>5/Soc</b> To ensure that the community has a high quality and healthy lifestyle.	This policy supports the objective	+
<b>6/Env</b> To protect the outstanding landscape setting of the village through the reuse of previously developed land and buildings where appropriate, including reuse of materials.	This policy strongly supports the objective	++
<b>7/Env</b> To increase energy efficiency in existing and new homes, and the proportion of energy generated from renewable sources in the parish, and to use sustainably produced and local products where possible in new development.	This policy supports the objective	+
<b>8/Env</b> To maintain and improve the water courses and aquifers in the parish,	There is a risk that additional housing will use more water at times of water stress	-

	and to conserve water and achieve sustainable water resources management.	making the water supply unsustainable.	
<b>9/Env</b>	To protect and enhance the biodiversity of the parish, its wildlife habitats and species.	This policy is not applicable to this objective	
<b>10/Env</b>	To encourage local food production within the village community.	This policy is not applicable to this objective	
<b>11/Econ</b>	To protect and support local businesses including the development of a sustainable visitor and tourism sector.	This policy supports the objective	+
<b>12/Env</b>	To reduce impact of traffic in village, improve pedestrian safety and encourage people to walk or cycle locally	There is a risk that additional housing will create more traffic making travel more difficult.	-
<b>13/Env</b>	To protect the historic environment of the parish, and to enhance the local distinctiveness.	Additional housing has potential to negatively affect local distinctiveness. Mitigation can be achieved to a greater extent when the policy criteria are met. The overall impact is therefore neutral.	
<b>14/Env</b>	To encourage reuse, recycling and food composting in the parish.	This policy is not applicable to this objective	

## Policy TNP 2.

The appraisal of the draft Neighbourhood Plan policy TNP 2 shows the level of sustainability is enhanced by the addition of a series of development criteria that are a requirement for any new employment development. It is therefore recommend that these development criteria be adopted as part of policy TNP 2.

### Policy TNP2 Employment and the Local Economy

The following types of employment development in Twineham will be supported where it respects or enhances the local character of the built, natural, and historic environment of the parish, safeguards the amenities of adjoining properties and users, does not lead to highway problems, is not liable to flooding nor increases flooding elsewhere and should not result in coalescence of existing settlements:

TNP2.1 Diversification of established agricultural businesses where it complements the existing farming enterprise and is suitable/appropriate to the existing character of the parish

TNP2.2 Live-work development in the Parish will be encouraged where suitable and appropriate to the rural setting of the parish

Twineham Sustainability Objective	SA Assessment of Policy	Impact of Policy
<b>1/Env</b> To preserve and enhance the natural beauty of Twineham in terms of its geology, landform and climate, settlement pattern and historic farmsteads, routeways, woodlands and small fields:	This policy has potential to negatively effect landscape character. The reuse of existing agricultural buildings would not run this risk, and may enhance historic farmsteads, therefore neutral overall.	
<b>2/Env</b> To ensure waterways in the parish are maintained to reduce flooding:	Employment development can create extra run off water that exacerbates flooding. Mitigation can be achieved when the policy criteria are met. The overall impact is therefore neutral.	
<b>3/Soc</b> To ensure that those in housing need with genuine local connections with Twineham have the opportunity to live in a decent, sustainably constructed and affordable home.	This policy is not applicable to this objective	
<b>4/Soc</b> To ensure a cohesive and safe village community.	This policy is not applicable to this objective	

<b>5/Soc</b>	To ensure that the community has a high quality and healthy lifestyle.	This policy supports the objective as residents can work locally instead of having to travel out of the Parish.	+
<b>6/Env</b>	To protect the outstanding landscape setting of the village through the reuse of previously developed land and buildings where appropriate, including reuse of materials.	This policy strongly supports the objective	++
<b>7/Env</b>	To increase energy efficiency in existing and new homes, and the proportion of energy generated from renewable sources in the parish, and to use sustainably produced and local products where possible in new development.	This policy is not applicable to this objective	
<b>8/Env</b>	To maintain and improve the water courses and aquifers in the parish, and to conserve water and achieve sustainable water resources management.	This policy is not applicable to this objective	
<b>9/Env</b>	To protect and enhance the biodiversity of the parish, its wildlife habitats and species.	This policy is not applicable to this objective	
<b>10/Env</b>	To encourage local food production within the village community.	This policy supports the objective	+
<b>11/Econ</b>	To protect and support local businesses including the development of a sustainable visitor and tourism sector.	This policy strongly supports the objective	++
<b>12/Env</b>	To reduce impact of traffic in village, improve pedestrian safety and encourage people to walk or cycle locally	There is a risk that employment development will create more traffic making travel more difficult. Mitigation can be achieved when the policy criteria are met as per clause 2.2. The overall impact is therefore neutral.	
<b>13/Env</b>	To protect the historic environment of the parish, and to enhance the local distinctiveness.	This policy supports the objective	+
<b>14/Env</b>	To encourage reuse, recycling and food composting in the parish.	This policy is not applicable to this objective	

## Policy TNP 3.

The appraisal of the draft Neighbourhood Plan policy TNP 3 shows the level of sustainability is enhanced by the addition of a series of development criteria that are a requirement for any new development. It is therefore recommend that these development criteria be adopted as part of policy TNP 3.

<b>Policy TNP3 Landscape and Environment</b>		
<p>New development will generally be supported which is in accordance with other policies of the plan and:</p> <p>TNP3.1 Respects local landscape quality ensuring that views and vistas are maintained wherever possible [Reference paragraph 50].</p> <p>TNP3.2 Takes every opportunity, where practicable and viable, to incorporate features that improve its environmental performance thereby reducing carbon emissions. These can include both energy efficiency measures and sources of renewable energy.</p> <p>TNP3.3 All development schemes submitted must be accompanied by a landscaping scheme, which aims to retain amenity and historic trees and hedges</p>		
Twineham Sustainability Objective	SA Assessment of Policy	Impact of Policy
<b>1/Env</b> To preserve and enhance the natural beauty of Twineham in terms of its geology, landform and climate, settlement pattern and historic farmsteads, routeways, woodlands and small fields.	This policy strongly supports the objective.	++
<b>2/Env</b> To ensure waterways in the parish are maintained to reduce flooding:	This policy strongly supports the objective.	++
<b>3/Soc</b> To ensure that those in housing need with genuine local connections with Twineham have the opportunity to live in a decent, sustainably constructed and affordable home.	There is a risk that this policy will restrict the supply of decent, sustainably constructed and affordable homes.	-
<b>4/Soc</b> To ensure a cohesive and safe village community.	This policy is not applicable to this objective	
<b>5/Soc</b> To ensure that the community has a high quality and healthy lifestyle.	This policy supports the objective	+
<b>6/Env</b> To protect the outstanding landscape setting of the village through the reuse of previously developed land and buildings where appropriate, including reuse of materials.	This policy strongly supports the objective	++

<b>7/Env</b>	To increase energy efficiency in existing and new homes, and the proportion of energy generated from renewable sources in the parish, and to use sustainably produced and local products where possible in new development.	This policy supports the objective	+
<b>8/Env</b>	To maintain and improve the water courses and aquifers in the parish, and to conserve water and achieve sustainable water resources management.	This policy is not applicable to this objective	
<b>9/Env</b>	To protect and enhance the biodiversity of the parish, its wildlife habitats and species.	This policy supports the objective	+
<b>10/Env</b>	To encourage local food production within the village community.	This policy is not applicable to this objective	
<b>11/Econ</b>	To protect and support local businesses including the development of a sustainable visitor and tourism sector.	This policy is not applicable to this objective	
<b>12/Env</b>	To reduce impact of traffic in village, improve pedestrian safety and encourage people to walk or cycle locally	This policy is not applicable to this objective	
<b>13/Env</b>	To protect the historic environment of the parish, and to enhance the local distinctiveness.	This policy supports the objective	+
<b>14/Env</b>	To encourage reuse, recycling and food composting in the parish.	This policy supports the objective	+

### The Non-Statutory Action Plan (NSAP)

1. The Non-Statutory Action Plan (NSAP) has not been assessed through the SA as it is not a land-use development policy matter, but more aspirations that residents of the Parish wish to see delivered.
2. These have therefore been SA appraised by, and should be delivered or considered through statutory bodies such as MSDC and WSCC and recognised and respected in any future development planning decisions.

## **Negative impacts**

Policy TNP1 addresses the housing need in the Parish.

All development will have negative impacts on certain natural features, and increase the consumption of water, energy and the production of waste in the Parish. These impacts are addressed through the requirements of this and other policies in the Plan, and in the detailed requirements for infrastructure provision included in Non-Statutory Action Plan (NSAP).

**It is concluded that there will be no net negative impact on the sustainability objectives of the Parish, as long as the policies of the Plan are met. The overall effect of the implementation of the Plan will contribute to the objectives of sustainable development within the Parish.**

**It is recommended that development applications be considered in the light of the policies of the Neighbourhood Plan as a whole and taking into consideration the policies of the National Planning Policy Framework and Local Development Plan where issues are not covered directly by policies of the Neighbourhood Plan.**

## Appendix A

### Summary of Plans, Programmes & Evidence Papers

Name of Document	Broad Aims/Relevant Policies	Requirements of the Document in relation to the N Plan
National Planning Policy Framework, March 2012	This document sets out the Govt's planning policies for England and how these are expected to be applied. It provides a framework for District and Neighbourhood Plans	The Neighbourhood Plan will need to pay particular regard to this new Planning Framework
Mid Sussex Local Plan (MSLP), 2004	This document was statutorily adopted in 2004. It defines the Area of Countryside Restraint and contains some policies that have been retained in the District Plan.	MSLP Policies for Twineham have been retained and will need to be taken into account in the Neighbourhood Plan .
Mid Sussex Pre-Submission District Plan, , June 2015	The draft District Plan has been written in the context of the Localism Act and changes to the planning system. It sets out strategic policies and provides the framework for subsequent planning documents including Neighbourhood Plans.	The Neighbourhood Plan will need to comply with the strategic aims and policies of the District Plan
Mid Sussex Landscape Character Assessment, 2005	This document looks in detail at the landscape character of the District and contains detailed management guidelines	The management guidelines will need to be taken into consideration in the Neighbourhood Plan
Mid Sussex Rural Affordable Housing Strategy, 2007	This document identifies a strategy to enable the Council to meet the housing needs of local residents in rural areas.	The Neighbourhood Plan will consider how it can contribute to this in the light of a new housing needs survey.
Biodiversity Action Plan for Sussex	Focuses resources to conserve and enhance biodiversity in Sussex by means of local partnerships, taking account of national and local priorities.	The Neighbourhood Plan will need to take account of nature conservation and biodiversity issues.

Mid Sussex Economic Development Strategy, MSDC 2010	The document lists objectives for economic development and states how the Council will assist in meeting these aims	The Neighbourhood Plan will need to be in broad compliance with the economic development and tourism policies of the District Plan
Mid Sussex Infrastructure Development Plan, draft 2013	Sets out infrastructure requirements that development will be expected to contribute towards.	The Neighbourhood Plan should contain a policy on infrastructure to comply with these requirements.
Mid Sussex Landscape Capacity Study, 2007	The study identifies the capacity of the Mid Sussex landscape to accommodate strategic development	The study has been a key piece of evidence in the formulation of policies concerning the District's landscape
Register of Listed Buildings	Lists and describes the buildings included in the List of Buildings of Special Arch and Historic Interest	The Neighbourhood Plan will take account of the need to protect and conserve these assets
Twineham Parish Plan 2006	Sets out aims of the community	The Neighbourhood Plan will need to take into account the community's aims
Twineham Housing Needs Survey November 2013	Assesses housing need in the Parish.	The Neighbourhood Plan will need to take into account the housing needs.