



THORPE ST ANDREW TOWN COUNCIL

## PLANNING AND ENVIRONMENT COMMITTEE

Monday 20 June 2022, 7:30pm  
Roxley Hall, Yarmouth Road, NR7 0QF

### AGENDA

15.06.2022

To all members of the Planning and Environment Committee

You are hereby summoned to attend the Planning & Environment Committee meeting of Thorpe St Andrew Town Council to be held at Roxley Hall on 20 June 2022 at 7.30pm for the purpose of transacting the following business:

- 1 Attendance and Apologies for Absence
- 2 Declarations of Interest in Items on the Agenda
- 3 To Confirm the Minutes of the Meeting held on 16<sup>th</sup> May 2021
- 4 Planning Items Raised by Residents – – members of the public may attend this meeting virtually, please email [office@thorpestandrew-tc.gov.uk](mailto:office@thorpestandrew-tc.gov.uk) to request the link by noon on Monday 20 June 2022
- 5 Planning Applications:

20220754	Land to rear of 46 Aerodrome Crescent	Erection of new residential dwelling with off street parking and new street access (JF)
20220783	11 Eastern Close	Proposed new dormer to existing loft room (PB)
20220784	14 Greenborough Road Sprowston	Demolition of existing extension and garage (SS)
20220828	10 Lynn Close	Demolition of existing conservatory and single storey element. Erection of 2 storey pitched roof and single storey flat roof rear extensions (JF)
20220870	16b Peachman Way	Removal/variation of a condition (JF)
20220898	62 Laundry Lane	Proposed side extension. Garage conversion. Front porch. Car port (SS)
20220939	Woods End, 23 South Avenue	Single storey side extension (PB)
20220782	Land South of Salhouse Road	Removal/Variation of a condition (S73) (SS)
BA/2022/0203/TCAA	10 Yarmouth Road	T1 Cedar – remove lower west bough (JF)
- 6 Draft Broads Plans 2022-27
- 7 Enforcement Notices (Confidential Matters)

Future Agenda Items (not for discussion)

Thomas Foreman, Clerk to the Council

**THORPE ST ANDREW TOWN COUNCIL  
MINUTES OF THE PLANNING AND ENVIRONMENT COMMITTEE  
MEETING  
HELD ON 16 MAY 2022**

**1. Election of Chairman and Vice Chairman**

It was proposed, seconded, and unanimously agreed that Mr J Fisher be Chairman of the Planning and Environment Committee

It was proposed, seconded, and unanimously agreed that Mr F Bowe be the Vice-Chairman of the Planning and Environment Committee

<b>PRESENT:</b>	Mr J Fisher (Chairman)	Ms M Friend
	Mrs J Fisher	Mr P Berry
	Mr S Snelling	

**2. In Attendance:** Dr T Foreman (Locum CEO), and four members of the public.

**Apologies for Absence:** Mr F Bowe, Mr T Garner

**3. Declarations of Interest:** Ms M Friend declared a non-pecuniary interest in application 20220472

**4. Minutes of meeting held on 11<sup>th</sup> April 2022**

The minutes of the meeting held on 11<sup>th</sup> April 2022 were signed and approved as a true record.

**5. Planning Items Raised by Residents**

The Committee heard public comments from the applicant for application 20220735 and 20220602.

**6. Planning Applications**

**20220461      36 Aerodrome Crescent**

**Demolition of existing conservatory and replacement extension. Retrospective permission for a garden shed**

*The Town Council, as a statutory consultee, raises no objection.*

**20220472      24 Blakestone Drive      Rear extension**

*The Town Council, as a statutory consultee, raises no objection.*

**20220420      4 Park House, St Andrews Park**

**Replace patio doors and fanlight with same style double glazed unit**

*The Town Council, as a statutory consultee, raises no objection.*

**20220481      10 School Avenue**

**Demolition of part substandard extension to rear & erection of single storey rear extension**

*The Town Council, as a statutory consultee, raises no objection.*

**20220591      107 Spinney Road      Erection of porch to front**

*The Town Council, as a statutory consultee, raises no objection.*

**20220440      31 Furze Road      Demolish existing conservatory & replace with new extension. Replace existing flat roof on extension including rooflights.**

*The Town Council, as a statutory consultee, raises no objection.*

**20220556      2B Primrose Crescent                      First floor extension over existing flat roof**  
*The Town Council, as a statutory consultee, raises no objection.*

**20220614      93 Spinney Road                      Single storey rear extension**  
*The Town Council, as a statutory consultee, raises no objection.*

**20220533      7 Independent Way                      Conversion of garage into a habitable room**  
*The Town Council, as a statutory consultee, raises no objection.*

**20220659      42 Thorpe Avenue                      Single storey side and rear extension**  
*The Town Council, as a statutory consultee, raises no objection. However, we would request a fence is erected between 42/44 to ensure neighbourly privacy.*

**20220602      Stanmore Tennis Club**  
**Replace the existing metal halide floodlights with LED units**  
*The Town Council, as a statutory consultee, raises no objection.*

**20220735      12 Margetson Avenue**  
**Proposed Loft Conversion including Dormer to rear and Velux to front including change of hipped end to gable**  
*The Town Council, as a statutory consultee, raises no objection. However, the Town Council would have liked to have seen a better designed dormer.*

**20220636      Yarehill 56 Thunder Lane**  
**Raise the roof height of the garage to form annexe accommodation with front dormer windows**  
**(revised proposal)**  
*The Town Council, as a statutory consultee, raises no objection. However, the Town Council would like to see a condition requiring use to be integral to the main dwelling*

**20220753      78 Laundry Lane                      Front, rear and side extension**  
*The Town Council, as a statutory consultee, raises no objection.*

**BA/2022/0154/TCAA 20 Thorpe Hall Close                      Multi stemmed Sycamore – remove**  
*No objection*

## **7. Nutrient Neutrality**

The Committee noted correspondence from Broadland District Council.

## **8. Confidential- Enforcement Notices**

Noted

**(Information Only)**

**Meeting closed at 21.00hrs**

Chairman\_\_\_\_\_

Date\_\_\_\_\_

# Draft Broads Plan (for consultation)

## Partnership strategy for the Norfolk and Suffolk Broads 2022-27

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Consultation period: 23 May to 15 July 2022

Broads Authority  
Yare House  
62-64 Thorpe Road  
Norwich NR1 1RY

Visit [Consultations \(broads-authority.gov.uk\)](https://broads-authority.gov.uk/consultations) for more information about this consultation  
or email [broadspan@broads-authority.gov.uk](mailto:broadspan@broads-authority.gov.uk)

## Have your say on the draft Broads Plan 2022-27

The Broads Plan is the key management plan for the Norfolk and Suffolk Broads. It sets out a long-term vision and guiding actions to protect and enhance the area's special qualities and services.

**The Broads Plan is now under review and your comments are invited. The draft Plan is accompanied by a Habitats Regulation Assessment and a Sustainability Appraisal, and feedback on these documents is also welcomed.**

**The consultation period is from Monday 23 May to Friday 15 July 2022.**

Visit [Consultations \(broads-authority.gov.uk\)](https://consultations.broads-authority.gov.uk) to view all consultation documents, or email [broadsplan@broads-authority.gov.uk](mailto:broadsplan@broads-authority.gov.uk) to request print copies. A 'Reference only' copy of the draft Broads Plan is available at the following venues during the consultation period (please check with individual venues for current Covid-19 access restrictions).

- \* Broads Authority, Yare House, 62-64 Thorpe Road, Norwich NR1 1RY
- \* Broadland District Council, 1 Yarmouth Road, Norwich NR7 ODU
- \* East Suffolk Council, Riverside, 4 Canning Road, Lowestoft NR33 0EQ
- \* Great Yarmouth Borough Council, Town Hall, Hall Plain, Great Yarmouth NR30 2QF
- \* North Norfolk District Council, Holt Road, Cromer NR27 9EN
- \* South Norfolk Council, Swan Lane, Long Stratton NR15 2XE
- \* Norfolk County Council, County Hall, Martineau Lane, Norwich NR1 2DH
- \* Suffolk County Council, Endeavour House, 8 Russell Road, Ipswich IP1 2BX
- \* Acle Library, Bridewell Lane, Acle NR13 3RA
- \* Beccles Library, Blyburgate, Beccles NR34 9TB
- \* Brundall Library, 90 The Street, Brundall NR13 5LH
- \* Bungay Library, Wharton Street, Bungay NR35 1EL
- \* Cromer Library, Prince of Wales Road, Cromer NR27 9HS
- \* Great Yarmouth Library, Tolhouse Street, Great Yarmouth NR30 2SH
- \* Loddon Library, 31 Church Plain, Loddon NR14 6EX
- \* Lowestoft Library, Clapham Road South, Lowestoft NR32 1DR
- \* Oulton Broad, Library Council Offices, 92 Bridge Road, Oulton Broad NR32 3LR
- \* Norwich Millennium Library, The Forum, Millennium Plain, Norwich NR2 1AW
- \* Stalham Library, High Street, Stalham NR12 9AN
- \* Wroxham Library, Norwich Road, Wroxham NR12 8RX

**All responses to this consultation must be submitted in writing by 5pm on 15 July to:**

Email: [broadsplan@broads-authority.gov.uk](mailto:broadsplan@broads-authority.gov.uk)

Post: **Broads Plan, Broads Authority, Yare House, 62-64 Thorpe Road, Norwich NR1 1RY**

After considering all responses to this consultation, we aim to prepare a final draft Broads Plan and submit it to the Broads Authority meeting in Autumn 2022, recommending its adoption.

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# 1. Introduction

## 1.1. About the Broads

### Status

The Norfolk and Suffolk Broads ('the Broads') is a special member of the UK family of 15 National Parks. These protected landscapes are known collectively as 'Britain's Breathing Spaces' – echoing the words of the late Norfolk naturalist Ted Ellis, who called the Broads a "breathing space for the cure of souls".

The Broads has an equivalent status to a National Park under the National Parks and Access to the Countryside Act 1949, and the Broads Authority shares the same two purposes as the English, Welsh and Scottish National Parks. It also has a unique third purpose relating to the interests of navigation, and as such is defined under its own Act of Parliament – the Broads Act<sup>1</sup>. In 2015, the Broads Authority agreed to brand the area as the 'Broads National Park' to promote more clearly its credentials and special qualities, although the Authority's three purposes remain unchanged (see section 1.2).

### Special qualities

Over the years, the Authority has asked people to identify the special qualities or features of the Broads they value most. Common responses include:

- The winding rivers and open water bodies – the 'broads'
- The variety of habitats
- The abundance and rich diversity of wildlife
- Navigable, lock-free, waterways to explore and enjoy
- The variety of patterns and textures in the landscape
- Countryside access to both land and water
- 'Big sky' views, dark skies and a sense of remoteness, tranquillity and wildness
- The people, the visitors, the activities
- The history and historic environment: Earth heritage, heritage assets, archaeology
- Cultural assets, skills and traditions such as boat building and millwrighting
- People's interactions with the landscape
- Waterside settlements and quiet villages

### Profile and history

*"On the evidence now available, they (the broads) are, beyond reasonable doubt, the flooded sites of former great peat pits, made in the natural fenland in medieval times".<sup>2</sup>*

The Broads is a distinctive and globally important wetland landscape and an important inland waterway. Home to around 6,500 people<sup>3</sup>, the Broads executive area (see Map 1, Appendix C) covers around 303km in Norfolk and North Suffolk between the city of Norwich to the west and the coastal resorts of Great Yarmouth and Lowestoft to the east, with a short coastal strip at

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<sup>1</sup> [Norfolk and Suffolk Broads Act 1988](#)

<sup>2</sup> JM Lambert, JN Jennings and CT Smith in 'The Broads', EA Ellis, 1965

<sup>3</sup> Mid-2020 census (experimental statistics)

Winterton and a tidal estuary at Breydon Water. Its boundaries are drawn tightly around the floodplains and lower reaches of three main rivers – the Bure, Yare and Waveney – and their tributaries, the Thurne, Ant, Wensum and Chet. The Broads is the basin at the bottom end of the much larger Broadland Rivers Catchment (see Maps 2 and 3, Appendix C), with water flowing through it and out into the North Sea.

This low-lying, mainly open and undeveloped landscape is a rich patchwork of interconnected habitats including rivers, shallow lakes ('broads'), fen, reed bed, drained marshland, wet woodland, saltmarsh, intertidal mudflats and sand dunes. Each habitat has its own special characteristics and is home to a wealth of species, many rare and some unique to the Broads within the UK. The importance of the area is borne out by a range of international, national and local designations in recognition of its landscape, nature conservation and cultural features. Water, not surprisingly, is the vital element linking everything together in this landscape, and its careful and integrated management is critical.

The natural, cultural and built features of what has become one of the most beautiful and treasured of Britain's protected landscapes have been shaped and nurtured over many centuries by the way peat diggers, traders and merchants, reed and sedge cutters, thatchers, farmers and fishermen have lived and worked. The story of the Broads began in the Middle Ages. By the 12<sup>th</sup> century, much of east Norfolk had been cleared of its woodland for fuel and building materials. Over the next 350 years, peat digging (or turf cutting) was a major industry. As sea levels rose, the peat diggings were eventually abandoned and left to flood, creating the shallow stretches of water known as broads.

There are now around 63 broads, varying in size from tiny, isolated lakes to large expanses of open water. The connected broads, main rivers and tributaries were once part of an extensive network for communications and commerce, transporting goods such as fuel, building materials including reed for thatch, and livestock and their products, especially wool. Villages and settlements commonly grew up around a parish staithe (landing stage), riverside common, ferry or bridge, making the most of the water environment.

The advent of the railways in the mid-19th century and motor vehicles in the 20th century brought most river-borne commerce to an end. In its place, the Broads waterways became increasingly popular for recreation, particularly boating holidays, with more than 200km of navigable, lock-free rivers and open water bodies to be explored and enjoyed. Today, around eight million people a year visit the area, supporting thousands of jobs and having an impact of around £660m on the local economy<sup>4</sup>. Tourism, the marine industry, farming and land management all continue to play an important role in maintaining and enhancing this unique, much loved landscape.

### Challenges ahead

The Earth's natural resources - water, air, soil, geology and all living things - provide a huge range of benefits: goods such as food, fibre, fresh water and energy; services such as clean air regulation, carbon storage and flood regulation; and numerous cultural values from health and wellbeing to

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<sup>4</sup> STEAM data 2019, Broads including influence area – see monitoring data, Appendix C



jobs, community development and a sense of place. These public goods are all supported by other natural functions such as photosynthesis, soil formation, vegetation growth and water cycling, underpinned by biodiversity.

The UK [Environment Act](#) became law in November 2021 to address environmental protection and the delivery of the [25-year Environment Plan](#) following Brexit. The Plan sets out the Government's goals for nature recovery including clean air, clean and plentiful water, thriving plants and wildlife, a reduced risk of harm from environmental hazards such as flooding and drought, using resources from nature more sustainably and efficiently, and enhanced beauty, heritage and engagement with the natural environment. The Plan also sets goals to manage pressures on the environment by mitigating and adapting to climate change, minimising waste, managing exposure to chemicals and enhancing biosecurity. It emphasises the need to get better at including environmental and societal costs, benefits and trade-offs in policy, investment and planning decisions.

The [Landscapes Review \(2019\)](#) highlights that national protected landscapes like the Broads are fragile, that nature in them is in crisis as elsewhere, that communities are changing and that many people do not know about these places. The report emphasises that the way we protect and improve these landscapes “needs to change radically... if their natural beauty is to be in a better condition 70 years from today, even better to look at, far more biodiverse, and alive with people from all backgrounds and parts of the country”.

The biggest challenge for the easterly, low-lying wetland landscape of the Broads is adapting to the impacts of sea level rise and the projected more rapid changes to the climate, especially in terms of managing water, and local nature recovery strategies will help tackle climate change as well as biodiversity loss. Other significant issues include the rollout of post-Brexit legislation, particularly for [agricultural transition](#) and the management of farmland, habitats and species; the growth in demand for housing and infrastructure in the East of England; and the potential ongoing impacts of the Covid-19 pandemic on local communities, businesses, and recreational trends.

The Broads is like a vast mosaic; lose one fragment and its overall integrity is flawed. This means that rather than focusing on single or favourable interests (such as food production, flood protection or economic benefit) possibly at the expense of others, we must manage this precious ecosystem as a dynamic, complex and interdependent whole.

We can't predict exactly what the Broads will look like in 50 to 100 years' time, but we must accept that it is likely to change. By improving our knowledge and acting now, we can help to make sure it will always remain a special and distinctive place, rich in biodiversity and enjoyed by all.

## 1.2. Broads Authority

The Broads Authority is a statutory body with very similar responsibilities to those of the English, Welsh and Scottish National Park Authorities. The Authority was established under the [Norfolk and Suffolk Broads Act 1988](#). Further provisions for the management of the navigation area were made through the [Broads Authority Act 2009](#). It is the local planning authority, and a harbour and navigation authority. The distinctive shape of the Broads executive area (Map 1) comes from its boundary being drawn tightly around the flood plains and lower reaches of the main rivers (Bure, Yare and Waveney) and their tributaries (Thurne, Ant, Wensum and Chet).

The Authority has a duty to manage the Broads for the following three purposes:

- Conserving and enhancing the natural beauty, wildlife and cultural heritage of the Broads;
- Promoting opportunities for the understanding and enjoyment of the special qualities of the Broads by the public; and
- Protecting the interests of navigation.

In practice, how much weight is given by the Authority to any of these purposes will depend upon the particular circumstances under consideration. In its commitment to integrated management, the Authority and its Broads Plan partners always look for potential win-win solutions, rather than setting the different purposes at odds with each other.

In managing the area, the Authority must also have regard to:

- The national importance of the Broads as an area of natural beauty and one which affords opportunities for open-air recreation;
- The desirability of protecting the natural resources of the Broads from damage; and
- The needs of agriculture and forestry and the economic and social interests of those who live or work in the Broads.

The Authority also has the duty to maintain the navigation area for the purposes of navigation to such standard as appears to it to be reasonably required, and take such steps to improve and develop it as it thinks fit. It may carry out works, and do other things in relation to any adjacent waters in or over which it has sufficient rights or interest, for the improvement of navigation on those waters.

### 1.3. Broads Plan

#### Working in partnership

The Broads Plan is the single most important strategy for the Broads National Park, setting out a long-term vision and strategic objectives to benefit its landscape, environment, local communities and visitors. As a high-level overarching plan, it draws together and guides a wide range of plans, programmes and policies relevant to the area. The Broads Plan is reviewed and updated on a regular basis, and this Plan covers the period 2022 to 2027.

While the Broads Authority is responsible for producing the Broads Plan, its success depends on strong partnership working to make the best use of shared knowledge, effort and resources. Key delivery partners are highlighted in Section 3 and in Appendix A.

#### Funding and resources

As the body responsible for managing the Broads, the Broads Authority receives a Government funded National Park Grant (NPG), which was £3.4m in 2021/22, and navigation income funded by boat toll payers (£3.4m in 2020/21).

In the three years to 2022 this income has come under pressure from rising costs, the impacts of Covid-19 and a static NPG (and in real terms, the Authority's 2021/22 NPG is a reduction of 42% compared with its 2010/11 grant). In terms of navigation income, a comparison of boat toll data in 2017 (when the last Broads Plan was adopted) and 2021 shows the number of private boats remaining fairly steady; however, despite continuing investment in new boats, there has been a decrease in the hire boat fleet and more losses are predicted<sup>5</sup>. Future navigation income is uncertain, due largely to the ongoing effects of the UK economy and Covid-19 on boat ownership and on the domestic holiday market.

The [Landscapes Review](#) emphasises that the Government's approach to funding national protected landscapes like the Broads is not as diverse and sustainable as it should be. The Government's response to the review<sup>6</sup> is that there is limited scope to increase the core grant by the scale suggested, or to provide funding settlements that extend beyond a spending review period. However, it supports the recommendation for protected landscapes to source more investment from private and blended financing models for nature recovery and nature-based solutions, and to harness commercial and sponsorship opportunities provided by each landscape's unique brand identity.

Along with its Broads Plan partners, the Broads Authority works hard to increase its financial resources, most significantly in recent years from EU grant schemes and the National Heritage Lottery Fund. The Authority is a member of the UK's [National Parks Partnerships](#), which supports closer links between businesses and protected landscapes for commercial and practical benefits, while other initiatives such as '[Love the Broads](#)' help to fund local community projects. Resources are about people too, and the dedicated volunteers who give their time and practical support to organisations working in the Broads are an invaluable asset.

As a high-level strategy, the Broads Plan does not contain detailed costings; this information will be within the business plans and operational work programmes of the partners implementing the Plan's strategic objectives.

#### Assessing the plan's impacts (SA and HRA)

This draft Broads Plan was subject to [Sustainability Appraisal](#) (incorporating Strategic Environment Assessment) to assess any significant environmental, economic and social impacts of its implementation. The outcome of the appraisal is that most of the strategic objectives in the draft Broads Plan show either a positive or neutral impact on the Sustainability Objectives in the Sustainability Appraisal framework. A small number show uncertain impacts, depending on the implementation of the objective, and none show a negative impact.

A [Habitats Regulations Assessment](#) (HRA) was also carried out to assess the impacts of the draft Plan on local sites protected by the Habitats Regulations, including [Ramsar Sites](#), Special Areas of Conservation and Special Protection Areas. Following the adoption of minor recommendations and

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<sup>5</sup> Private boats: 10,646 in Nov 2017 and 11,179 in Nov 2021; Hire boats: 1158 in Nov 2017 and 1118 in Nov 2021; a fall of c.40 hire boats in 2022 is predicted.

<sup>6</sup> [Landscapes review \(National Parks and AONBs\): government response - GOV.UK \(www.gov.uk\)](#)

consideration of the hierarchical nature of plan making, the HRA concluded that the Broads Plan would have no adverse impact on site integrity at any Habitats Site, either alone or in-combination.

It is important to note that plans, programmes and works to implement the strategic objectives in the Broads Plan will need to be undertaken in a manner that is sensitive to the environment. Works will also need to comply with relevant permits and controls to ensure environmental protection on Habitats Sites. Where relevant such plans, programmes and works will be subject to SA and HRA.

**See 'About this consultation' (page 2) for information on viewing the Broads Plan SA and HRA.**

### Monitoring change

We use a small set of monitoring indicators to help assess the state of the Broads over time in the area, as well as other measures shown in the Strategic Objectives tables (Section C). At the time this plan was produced, new national indicators were being agreed for the role of protected landscapes in delivering on the Government's goals for nature recovery and for climate mitigation and adaptation, aligned with the 25-year Environment Plan and interim environmental targets under the Environment Act 2021 and the [Net Zero Strategy](#). These will be incorporated into an updated 'State of the Broads' dataset and published on the Authority's website.

### Local Plan for the Broads

As the local planning authority, the Broads Authority is responsible for setting spatial planning policies for the Broads executive area. The [Local Plan for the Broads](#) supports the strategic direction of the Broads Plan with policies that are used in determining planning applications and providing guidance on development and land use. The current Local Plan (adopted in 2019) is under review, with an expected adoption date of 2024.

The special qualities and features of the Broads are also influenced by development in adjoining areas, particularly given its narrow executive boundary and low-lying, open landscape. Under the [Localism Act](#) the Authority and its neighbouring planning authorities, county councils and public bodies have a 'duty to cooperate' to make the most of cross-boundary strategic planning matters such as housing, transport, open space and demands on water and other resources.

## 2. Vision and principles

### 2.1. Long-term vision

The Vision for the Broads National Park (Table 1) is based on Defra's 2010 [Vision for the English Natural Parks and the Broads](#), with a timeframe in line with the [25-year Environment Plan](#).

**Table 1**

Vision for the Broads National Park to 2042

**Our vision for the Broads National Park is that:**

Biodiversity is at the heart of nature recovery. The natural environment and the beneficial goods, services and cultural values it provides from food and energy to landscape character and recreation are in good condition, used fairly and sustainably, and valued by society. In particular, the precious nature of plentiful, clean, fresh water as a fundamental resource is understood and respected by all.

We are meeting the challenges of climate change and sea level rise, and the carbon reduction targets of 'net zero' by 2040, with well-maintained soils that retain and increase the amount of carbon stored.

Wildlife flourishes and habitats are maintained, restored, expanded and linked effectively to other ecological networks. Land and water are managed in an integrated way, with local and landscape-scale management that creates resilience and space for nature and agriculture, enabling us to adapt to changing environmental, economic and social needs.

The past and present importance of the waterways for navigation, biodiversity and recreation is recognised and cherished, and the asset is protected, maintained and enhanced.

This living, working, 'big skies' landscape is notable for its natural beauty, distinctive local character and historic significance. People of all ages, abilities and circumstances enjoy it as a place of escape, adventure, work, learning and tranquillity, and as a source of national pride and identity. Local communities are active in decisions about their future and sustainable living is seen in action. There is a buoyant rural economy and a viable, well-used public transport network, and local housing need is being met.

The Broads National Park is forever recognised as fundamental to our prosperity and our mental and physical health and wellbeing, and is forever treasured as a unique and special place that provides a breathing space for the cure of souls.

## 2.2. Fundamental principles

We use three fundamental principles to help guide the development and implementation of the Broads Plan. The first is based on the definition of the Precautionary Approach in the Rio Declaration on Environment and Development, 1992. The second recognises the need for integrated, long term management, and the third underlines the importance of informed, partnership working.

**Principle 1:** Where there are likely threats of serious or irreversible damage to the environment, as a precaution, cost-effective measures are taken to prevent environmental degradation in the absence of full scientific certainty of the outcome of such threats.

Such precautionary action is based on assessment of the costs and benefits of action, taking into account both the proportionality between the costs and benefits and the degree of certainty in their calculation, and transparency in decision making. Gaps in knowledge are addressed by research and, where feasible, precautionary measures taken while such knowledge is outstanding.

**Principle 2:** We seek to understand and respect the complexity and biological limits of our ecosystems, and conserve their structures to maintain their health and productivity. Management is at a local scale, while recognizing the direct or indirect effects on wider, interconnected ecosystems and the public goods and services they provide. We manage for long-term, multiple benefits, not just for short-term or single interest gains.

**Principle 3:** We plan and work in partnership to make the best use of shared knowledge and resources and to avoid duplication of effort. People are involved from an early stage, and throughout, in decisions that may interest or affect them. Decisions are supported with robust evidence, including scientific and local knowledge, innovation and best practice.

### 3. Our strategic objectives

This section sets out our strategic objectives for 2022-27 under six key themes. It is not a list of all work carried out in the Broads, including many routine operations, and further actions are likely to be developed through the plan period. While we aim to deliver an ambitious plan, the Broads Authority and its partners have finite resources, and will need to set clear priorities for action.

Appendices A and B give details about partners and abbreviations used in this section.

**Table 2**

Summary of strategic objectives 2022-27

<b>Theme A: Responding to climate change and flood risk</b>
<b>A1.</b> Prepare a long-term integrated flood risk strategy for the Broads, Great Yarmouth and interrelated coastal frontage and maintain current adaptive coastal, tidal and fluvial flood risk management approaches for the area
<b>A2.</b> Work towards making all Broads Authority operations carbon neutral by 2030 and carbon zero by 2040
<b>A3.</b> Agree carbon reduction targets for the Broads National Park and promote action to reduce emissions
<b>Theme B: Improving landscapes for biodiversity and agriculture</b>
<b>B1.</b> Restore, maintain and enhance lakes and use monitoring evidence to trial and implement further innovative lake restoration techniques
<b>B2.</b> Promote best practice water capture and usage across the Broadland rivers catchment and reduce point and diffuse pollution into the floodplain and water courses
<b>B3.</b> Maintain, enhance and increase areas of priority fen, reed bed, grazing marsh and wet woodland, protecting peatland ecosystems as carbon sinks and seeking environmental net gain
<b>B4.</b> Define, implement and monitor management regimes for priority species and invasive non-native species
<b>B5.</b> Improve partnership coordination and communication of Broads biodiversity monitoring and research effort, linked to national biodiversity network
<b>Theme C: Maintaining and enhancing the navigation</b>
<b>C1.</b> Maintain navigation water depths to defined specifications, reduce sediment input and dispose of dredged material in sustainable and beneficial ways
<b>C2.</b> Maintain existing navigation water space and develop appropriate opportunities to extend access for various types of craft
<b>C3.</b> Manage water plants and riverside trees and scrub, and seek resources to increase operational targets
<b>C4.</b> Maintain and improve safety and security standards and user behaviour on the waterways

**Theme D: Protecting landscape character and the historic environment**

- D1.** Record, protect and enhance local built and cultural features, archaeology and potential hidden heritage, including 'at risk' assets
- D2.** Maintain an up-to-date Broads Landscape Character Assessment and use to inform conservation action plans
- D3.** Maintain up-to-date Conservation Area designations, appraisals and management proposals
- D4.** Reduce the impacts on the Broads of visual intrusion and noise and light pollution, and promote Dark Sky Discovery Sites

**Theme E: Promoting understanding and enjoyment**

- E1.** Improve the integrated network of access routes and points (with easier access for people with mobility and sensory needs), linked to visitor facilities
- E2.** Offer a coordinated and year-round programme of visitor activities that promote a 'Broads' experience', taking measures to prevent any adverse environmental impacts
- E3.** Maintain and upgrade the range and provision of integrated multimedia interpretation about the special qualities of the Broads National Park, and 'point of need' information for visitors
- E4.** Strengthen the quality and distinctiveness of the local tourism offer, including careers and skills training

**Theme F: Connecting and inspiring communities**

- F1.** Increase and promote accessible and 'taster' activities that foster physical and mental health and wellbeing for all, including under-represented groups
- F2.** Offer varied, flexible and sustainable volunteering opportunities and skills training to suit diverse audiences
- F3.** Provide and expand schools-based and outreach environmental education opportunities for young people, using the Broads as a learning resource
- F4.** Provide up-to-date planning policy, site-specific allocations and planning guidance to support local community needs and ensure development happens within environmental limits
- F5.** Increase income generation to support Broads-themed projects



## Theme A: Responding to climate change and flood risk

### Introduction

Sea level rise and the predicted more rapid changes to the climate pose enormous challenges to the special qualities of this easterly, low-lying wetland. It is clear that we need to act now, both to mitigate the scale of change - such as reducing our carbon emissions - and to adapt to the changes that are inevitable. We are likely to see key impacts for the distribution of habitats and species, visual landscape character, demands for water resources, and agricultural patterns and production.

The [Protected and Conserved Areas Joint Statement on Climate Change and Biodiversity Crises statement](#)<sup>7</sup>, which was signed by National Parks UK among others, highlights that the global family of protected and conserved areas are well placed to take rapid and far-reaching action to tackle climate change and biodiversity loss. They are also areas where billions of people connect with nature and can become inspired to play an active part in combatting these dual crises.

Adaptation and mitigation management decisions need to be informed by strong evidence and widespread debate with all interests to determine what is desirable, what is possible, and what will help us to be more resilient to ongoing and long-term change. The Broads Authority is working with multiple agencies and local communities to better understand the impacts of climate change and sea level rise on the Broads and surrounding areas, and to develop the best management options for the longer term. In doing so, we are considering how the options may affect our local communities, businesses and visitors as well as our natural ecosystems and the services they provide such as thriving wildlife, fresh water, food, carbon capture, recreation and employment.

### Managing flood risk

Water is obviously a dominant feature in the Broads, and its interconnecting characteristics present continual challenges in dealing with changes in quality, availability and levels. This section looks at flood risk management; other issues related to water quantity and quality are addressed in Theme B.

Flooding is a natural and sometimes beneficial process within a floodplain like the Broads, and the control of water has been a major influence on the form of this landscape for hundreds of years. In living with our water environment, we have to accept the associated risks and, where necessary, be adaptive to change. Flood risks include damage to property, infrastructure, habitats and farmland, causing distress to people and wildlife. Around 85% of the Broads executive area is at some risk of flooding, including thousands of properties and around 25,000 hectares of farmland and mainly freshwater habitats. Higher sea levels along the north-east Norfolk and north Suffolk coast bring an increased risk of sea defences being overtopped or breached. This can also hold back water trying to drain from the rivers,

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<sup>7</sup> Statement presented to the UN Framework Convention on Climate Change (COP26) and the Convention on Biological Diversity (COP15) in November 2021

causing flooding to natural and built capital. A combination of particular weather conditions and high tides causing a surge in the North Sea can also push salt water higher up the system, damaging the area's freshwater biodiversity and agriculture.

The main types of flooding we face in the Broads are tidal and coastal, river (fluvial) and flooding from ordinary watercourses, surface water and groundwater. Multiple agencies called Risk Management Authorities are involved in managing flood risk, including the Environment Agency (which has a strategic overview of all sources of flooding and coastal change), Norfolk and Suffolk County Councils (as the Lead Local Flood Authorities for their respective areas), District and Borough Councils, Internal Drainage Boards and Highways Authorities.

Strategic flood and coastal risk management in and around the Broads used to incorporate three separate major flood defence systems: The Broads (tidal and fluvial); Eccles to Winterton (coastal); and Great Yarmouth (tidal). The [Broadland Futures Initiative](#) (BFI) is a multi-agency partnership set up to integrate flood risk management for the whole area and produce a strategy covering the next 100 years. Work is underway to secure support, publish evidence and engage with local communities and other stakeholders to identify the way forward. The Environment Agency has the lead technical responsibility and is working with the Risk Management Authorities and others, and the Broads Authority is leading on governance and communications activities.

The Broads Authority's ambition to retain the area's predominantly freshwater conditions for as long as practicable is being assessed as part of the BFI approach. It will be linked to climate change scenarios, and a shared vision that takes account of environmental, technical, socio-economic and political considerations, with planned action to help us prepare for long-term resilience and adaptation in the Broads.

### Reducing our carbon emissions

Reducing carbon emissions across the Broads is a priority. In 2019 the Broads Authority adopted a [climate emergency statement](#) pledging to work towards making its operations carbon neutral by 2030 and reducing all carbon emissions to zero by 2040. It also aims to work with local communities to set a carbon reduction target and measures for the Broads National Park. A carbon footprint GHG emissions assessment of the Broads was produced in 2022.

More widely across protected landscapes, National Parks UK hopes to become a hub for the '[Count Us In](#)' initiative, which sets 16 steps to reduce carbon emissions based on three criteria: Impact on personal carbon pollution, power to influence leaders, and ability to involve everyone. Locally, the Broads Authority has the potential to influence its own staff and volunteers as well as 6,500 residents, millions of visitors and numerous partner organisations and local businesses.

### Long-term aim

The Broads National Park and its communities are responding to the challenges of climate change and sea level rise, and the Broads Authority is on track to meet its carbon reduction target of zero emissions by 2040. Adaptive approaches and resilience standards are informed by robust evidence and wide debate on the most appropriate management options. Our decisions define the scale and expenditure of human intervention needed to protect important assets to changing regimes,

and identify the actions and resources needed to implement agreed interventions. Importantly, while the Broads continues to evolve, it remains a unique and special area that retains its rich biodiversity and heritage importance and offers extensive recreation, health and wellbeing, employment and other socio-economic opportunities.

**Table 3**

Theme A: Strategic objectives and key actions

Ref	Strategic objectives	Key actions 2022-27 [lead delivery partners]	Delivery links	Resources	Monitoring
<b>A1</b>	<b>Prepare a long-term integrated flood risk strategy for the Broads, Great Yarmouth and interrelated coastal frontage and maintain current adaptive coastal, tidal and fluvial flood risk management approaches for the area</b>	<ul style="list-style-type: none"> <li>Commission, carry out and publish updated and more extensive flood risk research and modelling (incl. saline incursion, risk and impact assessments of natural floodplain restoration); identify and appraise potential management actions to form adaptive strategy; engage with stakeholders [EA, BFI partners]</li> <li>Update Broads Strategic Flood Risk Assessment and Broads Flood Risk Supplementary Planning Document as required [BA, EA, LAs]</li> </ul>	<a href="#">BFI</a> <a href="#">Broads Flood Risk SPD</a> <a href="#">Broads SFRA</a>	EA and BFI partners	BFI reporting indicators
		<ul style="list-style-type: none"> <li>Develop flood risk management mapping, feasibility studies and project proposals in Broadland catchment, and implement on-site site projects to restore natural flood management processes [EA, IDBs, BCP partners, landowners]</li> </ul>	<a href="#">BFI</a> <a href="#">BRCP</a> <a href="#">Anglian CFMP</a>	Funded schemes (EA Grant in Aid, CS, CFMP)	BFI reporting indicators
		<ul style="list-style-type: none"> <li>Implement and promote flood risk mitigation measures and advice, e.g. through Anglian Flood Risk Management Plan 2021-27, county Flood Risk Management Strategies, Surface Water Management Plans, LPA planning policy/guidance [EA, LLFAs, IDBs, LPAs]</li> </ul>	<a href="#">Anglian FRMP</a> <a href="#">Norfolk FRMS</a> <a href="#">Suffolk FRMS</a> SWMPs LPA Local Plans	NCC, SCC	FRMS targets
		<ul style="list-style-type: none"> <li>Complete planned schedule of Broadland Flood Alleviation Project infrastructure maintenance works (to May 2023) and transition period from BFAP to EA direct management of assets [EA]</li> </ul>	<a href="#">link tbc</a>	EA	EA schedule targets
		<ul style="list-style-type: none"> <li>Through Local Plan for the Broads review, consider revised/new development and land use policies and guidance to respond to climate change and sea level rise [BA]</li> </ul>	<a href="#">Local Plan for the Broads</a>	Partners	# planning apps approved by BA contrary to EA flood risk advice

Ref	Strategic objectives	Key actions 2022-27 [lead delivery partners]	Delivery links	Resources	Monitoring
A2	<b>Work towards making all Broads Authority operations carbon neutral by 2030 and carbon zero by 2040</b>	<ul style="list-style-type: none"> <li>Research and implement carbon reduction measures for BA operations, incl.: all road vehicles replaced with electric versions; zero/low-emission options for heavy equipment/vessels; renewable energy generation for premises; carbon-related assessments in procurement processes; green travel to work schemes [BA]</li> <li>Identify and implement opportunities to offset emissions from BA operations, with target of c.1,500 tonnes of offset by 2030 [BA]</li> </ul>	<a href="#">Count Us In Broads CCAP</a>	BA, grants	BA carbon emissions annual estimate BA carbon offset targets
A3	<b>Agree carbon reduction targets for the Broads National Park and promote action to reduce emissions</b>	<ul style="list-style-type: none"> <li>Work with National Park Authorities in England to establish common standards for determining joint ambition towards net-zero, incl. offsetting schemes, and apply to the Broads [BA]</li> <li>Commission further research on sector CO2 emissions in the Broads and promote information to raise public awareness and action [BA]</li> </ul>	<a href="#">Count Us In Broads CCAP</a>	BA, NPE, grants, private investment	NPA family indicator data Level of carbon emission reductions by spatial boundary
		<ul style="list-style-type: none"> <li>Agree, promote and implement measures to reduce carbon emissions from local domestic, business, travel and other sources, incl.:               <ul style="list-style-type: none"> <li>Tourism initiatives, e.g. 'Electrifying the Broads' and promotion of tourism hotspots within Electric Vehicle and Alternative Fuels strategies (<i>see strategic objective E1</i>), visitor green travel (incl. multi-modal transport hubs) and local food sourcing [LAs, BA, BT partners, local businesses]</li> <li>Local Plan policy, e.g. building energy design and energy sourcing, use of materials and embodied carbon</li> <li>Habitat management, incl. peatland carbon storage and offsetting - <i>see strategic objective B3</i></li> </ul> </li> </ul>	<a href="#">Broads IAS</a> <a href="#">Broads STS</a> Broads WMS <a href="#">EtB initiative</a> & EVS/AFS <a href="#">Local Plan for the Broads</a>	Partners, regenerative tourism schemes & grants, private investment	# new funded projects in place (min. 2 by 2027) AMR data

## Theme B: Improving landscapes for biodiversity and agriculture

### Introduction

The Broads is one of Europe's finest and most important wetlands, with a rich mosaic of habitats comprising, among other things, shallow lakes, fens, drained marshland, wet woodland, estuary saltmarshes, intertidal mudflats and coastal dunes. 28 sites covering a total of more than 7200 hectares are nationally designated as Sites of Special Scientific Interest (SSSIs), a third of which are also National Nature Reserves, and there are numerous County Wildlife Sites within and near the Broads boundary. Most of the SSSIs are of international importance for their habitats and wildlife as the Broads Special Area of Conservation (SAC) and the Broadland Special Protection Area (SPA), and an area of the wetland is also designated as a Wetland of International Importance under the Ramsar Convention. The local agriculture is primarily a mix of livestock grazing and some arable cropping, with grassland the dominant feature in the floodplain. Reed and sedge cutting remains a traditional and important local industry.

We must remember that the Broads is essentially a man-made landscape, shaped over centuries. As highlighted in Theme A, while we will always seek to retain the Broads as a special and protected landscape it is likely to alter as a result of climate change and sea level rise, leading to more saline habitats and changes in land use, agricultural practices and cropping. Post-Brexit environmental and land management legislation, national and regional economies, food and energy policy, leisure and tourism patterns and development growth in the East of England also bring both challenges and opportunities for the future of the Broads landscape, wildlife and people.

Set within this context, we must seek to balance what is needed for a healthy, functioning ecosystem with the fair and sustainable use of the many benefits we get from it. This ambition is central to the [Environment Act 2021](#), which sets targets, plans and policies to improve the natural environment and achieve biodiversity net gain, and the [Landscapes Review \(2019\)](#), which calls for a renewed mission for the country's national landscapes to recover and enhance nature. Underpinning environmental policy is the [Government's 25-Year Environment Plan](#), and protected landscapes like the Broads are critical for the ambitious target of protecting 30% of UK land by 2030. The commitment in relation to Nature Recovery grants for the UK includes creating or restoring 500,000 hectares of wildlife rich habitat and 75% of Sites of Special Scientific Interest into favourable condition by 2042, and species reintroduction will also be expanded. Local Nature Recovery Strategies are putting spatial planning for nature on a statutory basis, with Nature Recovery Network mapping prioritising local action to reduce pressures and enhance assets and benefits.

### Water quantity and quality

The groundwater, rivers and broads in the Broadland Rivers Catchment (Map 2) are primary to the healthy condition and functioning of the Broads' habitats, waterways and land and water dependent businesses. We need to better understand the ecological and hydrological functioning of, and expected changes to, water and water-related habitats, as well as addressing water demands across all sectors, to put the best management regimes in place.

Good quality water is defined as clear, low in nutrients, free of harmful substances, having a rich diversity of aquatic plants and supporting healthy populations of fish, invertebrates and water birds. The Broads restoration programme has been active for over 35 years, and leads the UK in developing and studying lake restoration projects. However, despite significant improvements in water quality in recent decades, monitoring shows that all Broads' water bodies and river reaches, and more than 90% of rivers in the Broads catchment, are failing European Water Framework Directive targets<sup>8</sup>.

Water quality continues to be affected by a combination of point source and diffuse pollution from waste water, urban areas, transport and rural areas, land erosion, physical modification of water courses, changes to the flow and level of water, dissolved oxygen, salinity and demand for water use. As the driest region in the UK, Eastern England is extremely vulnerable to water shortages. During droughts and other periods of water stress, rivers and wetlands can suffer damage that is then exacerbated by abstraction and other land and water management activity. Additional environmental needs are likely to arise from climate change and development growth. [Water Resources East](#) (WRE) was established in 2019 to bring together water, agriculture, power and environmental interests, including the Broads Authority, to look at the water needs and potential trade-offs across the sectors, balancing considerations of customers, agriculture, the environment and the economy. WRE is working with stakeholders to develop an integrated Water Resources Management Plan for the region. The [Broadland Catchment Partnership](#) also works with land managers, farmers, businesses and others to take practical action at a local level to improve water capture and water efficiency.



### Fen, wet woodland and grazing marsh

The Broads is a UK priority wetland area with the largest expanse of species-rich calcareous peat fen in lowland Britain. Most fen sites are designated for nature conservation, with around 40% owned or managed by conservation organisations. The Fen Ecological Survey (2010) showed clear evidence of loss, fragmentation and decline in some areas, but also showed how other areas have been improved through focused agri-environmental support. Crucially, peatlands in good health are more than 90% saturated. The science shows that where peatlands are well irrigated or under higher water table management regimes, we can expect fewer greenhouse gas emissions than for intensively drained peatlands. Rewetting grazing marsh can also bring landscape and biodiversity benefits.

13 million tonnes of carbon are estimated to be stored in the Broads' peat soils, which will continue to capture and store existing and additional carbon under appropriate water level and land management conditions. The [England Peat Action Plan](#) (2021) sets out the Government's long-term vision for the management, protection and restoration of our peatlands so that they provide a wide range of benefits to wildlife, people and the planet. The [peatlands policy statement issued by the Campaign for National Parks](#) (Nov 2021) calls for much greater priority to be given to the restoration and rewetting of peatlands of all types within National Parks, with the aim of bringing all this peatland into good condition or restoration management by 2030 at the latest.

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<sup>8</sup> Figure incorporates both chemical and ecological status

The Broads has the most extensive tract of wet woodland within Eastern England. It is of international significance and where not designated may, like other habitats located on peat soils, be at risk from drainage and from loss due to development.

Grazing marsh covers around half of the Broads. Some areas attract large and internationally important numbers of breeding and non-breeding birds, and there is a substantial area of internationally important dyke communities. The marshes provide a third of East Anglia's cattle grazing land, and local farmers and graziers rely on environmental land management support to optimise profit and protect the habitats. Threats to these habitats include loss to arable reversion and land drainage, development, water level regimes, flooding, drought, salt tides and invasive species.

### Species

There are more than 11,000 recorded species in the Broads, including 26% of all UK BAP priority species and 17% of all nationally notable or scarce species. 66 species are restricted entirely to the Broads or rarely seen elsewhere in Britain. Iconic species include the Bittern, Marsh Harrier, Otter, Fen Orchid, Norfolk Hawker Dragonfly and the entire UK populations of the Swallowtail Butterfly, Dotted Footman Moth and Holly-Leaved Naiad. However, some species are in decline or on the brink of survival. Many species, including Broads' specialists, face challenges exacerbated by climate change, from increases in seasonal variability in river levels and depleted water resources, salinity from land drainage and tidal flooding, nutrient enrichment and pollution of the waterways, habitat loss and fragmentation, and increasing threats from invasive non-native species. Species recovery and translocation programmes can take substantial time and resources, as can managing invasive non-native species. Gains in recent years include wintering water birds around Breydon, Fen Raft Spider, Otter, Bittern, Crane and Marsh Harrier, and the control of invasive species such as Floating Pennywort and American Mink, but much more needs to be done.

### Agriculture, land use and development

Adapting land use to work more sustainably with nature requires coordinated investment. This plan period will see the greatest changes in UK agricultural policy for half a century, with three new land management payments schemes ([Sustainable Farming Incentive](#), [Local Nature Recovery](#) and [Landscape Recovery](#)) introduced during the [Agricultural Transition Plan 2021 to 2024](#). The schemes focus on paying farmers for public goods such as water quality, biodiversity and climate change mitigation, alongside food production. Some income streams may come from private revenue such as large corporations for carbon credits, housing developers for biodiversity credits and water companies for water quality improvements. Other action, such as for major flood risk management, air quality control and land subsidies, is likely to rely mostly on public funding.

### Long-term aim

Biodiversity is thriving in the Broads, which remains a globally important wetland adapting to climate change. Sustainable land and water management practices support well-functioning ecosystems to provide multiple public goods including food, clean and plentiful water, carbon storage, landscape character and

recreation. The challenging targets to improve water quality, water supply and flood protection are being met. Opportunities are pursued to establish more, bigger, better and more joined up ecological networks, and priority species and their habitat needs are well understood and well managed to halt biodiversity decline and loss, increase resilience and adaptive ability, and pursue environmental net gain. Invasive non-native species are under control and eradicated where possible. A profitable agriculture sector provides good food while maintaining habitats. Robust evidence and monitoring guide good decision making in all aspects of natural resource management.

**Table 4**

Theme B: Strategic objectives and key actions

Ref	Strategic objectives	Key actions 2022-27 [lead delivery partners]	Delivery links	Resources	Monitoring
<b>B1</b>	<b>Restore, maintain and enhance lakes and use monitoring evidence to trial and implement further innovative lake restoration techniques</b>	<ul style="list-style-type: none"> <li>Develop and implement in-lake restoration, maintenance and enhancement works (incl. biomanipulation) as funding opportunities arise at priority sites [BA, BBP partners]</li> <li>Complete Hoveton Great Broad Restoration Project, carry out pre- and post-works monitoring of Hoveton, Trinity and Hickling lake condition status, and use evidence to trial and implement further innovative restoration techniques [NE, EA, BA]</li> </ul>	<a href="#">Broads BWS</a> Broads WMS DWPPs <a href="#">Hoveton Great Broad project</a>	Partners	SSSI site condition targets, EA statutory monitoring data; WMS and DWPP targets
<b>B2</b>	<b>Promote best practice water capture and usage across the Broadland rivers catchment and reduce point and diffuse pollution into the floodplain and water courses</b>	<ul style="list-style-type: none"> <li>Implement water efficiency measures and planning policy to reduce water usage in new development, and promote to domestic and business water users [AW/ESW, non-domestic water retail companies, LPAs]</li> </ul>	<a href="#">BRCP</a> Water resource management plans	Partners	Water company business plan targets
		<ul style="list-style-type: none"> <li>Promote and install 'whole farm' (and where feasible, low cost) water capital infrastructure and water retention and infiltration measures [BCP, AW/ESW, county FWAGs]</li> </ul>	<a href="#">BRCP</a> Water resource management plans	Funded schemes, water capital grants	WSF targets, CSF data, RDPE reporting
		<ul style="list-style-type: none"> <li>Adopt and implement abstraction licensing strategy, Water Resource Management Plans, Drought Plans and Water Industry National Environment Programme action plans in Broadland catchment (projects include Wendling Beck Exemplar Project, Water for Tomorrow, Norfolk Water Strategy Programme) [EA, NE, AW/ESW, other project partners]</li> </ul>	Water resource management plans <a href="#">Wendling Beck project</a>	Funded schemes	CAMS resource availability, WFD hydrology status AW/ESW targets, EA action plan targets



Ref	Strategic objectives	Key actions 2022-27 [lead delivery partners]	Delivery links	Resources	Monitoring
		<ul style="list-style-type: none"> <li>Work with farmers and land managers to create tailored environmental land and water management measures through Farming in Protected Landscapes, Countryside Stewardship, Catchment Sensitive Farming, Campaign for Farmed Environment, Water Sensitive Farming, water company schemes, etc [BCP coordination]</li> </ul>	<a href="#">Broads BWS</a> <a href="#">BRCP</a>	BCP partners <a href="#">ELMs</a> , <a href="#">FiPL</a> , <a href="#">CSF</a> , other funded schemes	CS/WSF targets, CSF water capital grant targets, WFD/SSSI/SAC/ Nature 2000 targets
		<ul style="list-style-type: none"> <li>Work with businesses and local communities to raise community awareness about pollution condition and sources, and implement pollution reduction measures (e.g. investigating saline water incursion and installing new pumps and management systems; trialling and installing constructed wetlands and other CSF measures) [BBP partners, IDBs]</li> </ul>	Water resource management plans <a href="#">BRCP</a> <a href="#">Broads BWS</a>	Partners	# first time rural sewerage schemes in catchment (AW), # CSO pollution events in catchment (EA/AW)
<b>B3</b>	<b>Maintain, enhance and increase areas of priority fen, reed bed, grazing marsh and wet woodland, protecting peatland ecosystems as carbon sinks and seeking environmental net gain</b>	<ul style="list-style-type: none"> <li>Identify areas to support carbon take up and reduction of land use emissions; support development and use of IUCN peatland code carbon offset projects, linked to biodiversity gain and integrated water management; develop projects to transition from net source to net sink for GHG from land use [BA, BCP &amp; BBP partners, land managers]</li> <li>Investigate and implement local nature enhancement, water management and soil carbon management projects [IDBs, NE, BA, RSPB, NRT, Norfolk FWAG, Wildlife Trusts, water companies, land managers]</li> <li>Develop and implement tailored habitat management for public benefits; facilitate farmers and land managers in transition to LNR payment scheme [BA, BBP partners, BLMB, BRASCA, RSPB, land managers]</li> <li>Offer advice and practical support to local reed and sedge cutters, incl. extension of cutting areas, new commercial reedbeds, equipment, contracts and training initiatives [BA, BRASCA]</li> </ul>	<a href="#">Broads BWS</a> <a href="#">CANAPE, NCPGS and successor projects</a> <a href="#">Broads CCAP</a> <a href="#">England Peat Action Plan</a> <a href="#">BRASCA action plan</a>	<a href="#">CANAPE</a> , <a href="#">NCPGS and successor grant schemes</a> , <a href="#">ELMs</a> , <a href="#">FiPL</a> , partners	Total area peatland, area restored peatland (ha) Total area under management agreement (ha) % priority habitat in CS and SSSI Partner carbon reduction targets BBP annual review of changes in species numbers and habitat quality

Ref	Strategic objectives	Key actions 2022-27 [lead delivery partners]	Delivery links	Resources	Monitoring
		<ul style="list-style-type: none"> <li>Complete nature conservation activities under Broads LPS 'Water, Mills &amp; Marshes' Programme 5: Natural Landscapes by Dec 2023, and develop and implement legacy activities based on evaluation and outcomes of LPS [Broads LPS delivery partners]</li> </ul>	<a href="#">WMM and legacy schemes</a>	NLHF LPS, partners	Broads LPS target data for NLHF
		<ul style="list-style-type: none"> <li>Identify and map potential areas of new net gain priority habitat, wildlife corridors, extended/new field buffer strips and pollinator networks through Local Nature Recovery Plan [NCC, SCC, NSNRP]</li> <li>Provide advice and support to land managers on tailored site-specific measures, particularly in identified high value areas [BBP partners, BCP partners, NCP, land managers]</li> </ul>	<a href="#">Broads BWS</a>	<a href="#">ELMs</a> , partners	# investment plans completed (e.g. econet mapping)
		<ul style="list-style-type: none"> <li>Develop and implement integrated landscape-scale initiatives, incl. NWT/SWT Living Landscapes, RSPB Priority Landscapes [NBP partners, BCP partners, other partners]</li> <li>Develop demonstration connection projects through river valley projects and highways network [NCC, SCC, NSNRP]</li> </ul>	NSNRP	Partners, secured external funding	Individual project delivery targets BBP annual review of changes in species numbers and habitat quality
		<ul style="list-style-type: none"> <li><i>Green Infrastructure and Recreational Disturbance Avoidance Mitigation Strategies – see strategic objective F4</i></li> </ul>	n/a	n/a	n/a
<b>B4</b>	<b>Define, implement and monitor management regimes for priority species and invasive non-native species</b>	<ul style="list-style-type: none"> <li>Implement priority species recovery and support programmes, incl. targeted management, spatial mapping, research and species translocation action where appropriate [BBP partners, Highways England]</li> </ul>	<a href="#">Broads BWS</a>	Partners, grants	Distribution of breeding wader pop., # new sites for bittern/ swallowtail, priority INNS data
		<ul style="list-style-type: none"> <li>Carry out invasive non-native species monitoring regimes and awareness campaigns; and make data publicly available on present/potential threats and biosecurity plans/control programmes where threats are highest (e.g. mink, Floating Pennywort) [NNNSI]</li> <li>Implement new biosecurity standards arising from Defra Group Personal Biosecurity Project to minimise risks of field workers accidentally introducing/spreading biosecurity threats [BA]</li> </ul>	<a href="#">NNNSI</a> <a href="#">Broads BWS</a>	Partners, grants	NNNSI data

Ref	Strategic objectives	Key actions 2022-27 [lead delivery partners]	Delivery links	Resources	Monitoring
B5	<b>Improve partnership coordination and communication of Broads biodiversity monitoring and research effort, linked to national biodiversity network</b>	<ul style="list-style-type: none"> <li>Carry out research/monitoring to determine impacts of habitat management and manipulation techniques, and coordinate/share findings [BBP partners, BA, EA] <i>(Priority research areas 2022-27: Extension of Broads Biodiversity Audit to include assessment of guilds; Carbon emissions related to land uses; Fen ecology and water levels and quality; Prymnesium ecology and mitigation of impact on fish; Pollutant inputs; Impacts of drought, flooding and salinity; Creating markets for fen materials; Impacts of connectivity, stressors and interaction on freshwater habitats)</i></li> </ul>	<a href="#">Broads BWS</a>	Research grants	# published papers/ research reports  BBP partners annual monitoring and review of changes in species numbers and habitat quality
		<ul style="list-style-type: none"> <li>Complete community-based research and monitoring activities under Broads LPS 'Water, Mills &amp; Marshes' Programme 1: Interpreting the Landscape and Programme 3: Learning and Future Skills by Dec 2023; develop and implement legacy research and monitoring projects based on evaluation and outcomes of Broads LPS [Broads LPS delivery partners]</li> </ul>	<a href="#">WMM and legacy schemes</a>	NLHF LPS, partners	Broads LPS target data for NLHF

## Theme C: Maintaining and enhancing the navigation

### Introduction

The Broads is an extensive and varied inland waterway system, offering 200 km of boating on lock-free, meandering tidal rivers. The Broads executive area comprises approximately 3113 ha of water space, including 63 permanently open water bodies covering 843 ha (see maps, Appendix C). Many of these water bodies are traditional 'broads' formed from medieval peat diggings, while others are of more recent or different origin, such as the former gravel quarry at Whitlingham County Park. Some broads have public navigation rights, others more limited access (generally for environmental or land ownership reasons), and some are landlocked and inaccessible to craft. The navigation reaches from the quiet headwaters of the rivers Bure, Ant and Waveney to the centre of Norwich and coastal resorts of Great Yarmouth and Lowestoft.

As the harbour and navigation authority, the Broads Authority is responsible for maintaining the navigation area. The Waterways Management Strategy (2022-27) provides the framework for the Authority's practical operations including the management of sediment, aquatic plants, and riverside trees and scrub to benefit the navigation while also ensuring the protection of important water plant communities and refuges and food for wildlife. The maintenance of moorings, slipways and other waterside infrastructure is addressed in Theme E, as part of managing integrated access to and between land and water.

### Managing sediment and plants

Dredging is carried out to provide reasonable depths for safe navigation, and to help restore degraded or shallowing water bodies. It also helps improve water quality by removing excess nutrients in the mud, reducing turbidity and creating depth for aquatic plants to flourish and stabilise the bed, and by providing greater capacity for water storage. Dredging the waterways and disposing of dredged material is the largest navigation maintenance cost to the Authority. River bank erosion is a key sediment source, caused by wind, tidal action, boat induced waves and feral geese. Land use and soil and vegetation type on riverbanks and uplands are also contributory factors, with headwaters contributing around 50% of sediment inputs. Climate change predictions point to a continuing rise in sea levels for the south-eastern UK, which will impact the tidal Broads waterways and

A whole catchment approach to sediment management helps to manage sediment coming into the Broads system. The Waterways Management Strategy guides operational priorities to maintain water depth specifications and to dispose of dredged material in cost effective and environmentally sustainable ways, taking account of its value for agriculture, habitat creation, land restoration and flood protection. A carbon budget produced for the Authority's internal operations showed that over 50% of its carbon emissions are being generated by the vehicles, plant and vessels involved in waterways management, providing a focus to reduce emissions (see Theme A) while keeping up with waterways maintenance priorities.

Thriving aquatic plants are part of a healthy ecosystem, and certain species are protected under the Conservation of Habitats and Species Regulations 2010 and the Wildlife and Countryside Act 1981 (as amended). Recent years have seen increasing plant abundance in the rivers and broads, particularly in the upper reaches and smaller isolated broads; plants further downstream in the more tidally influenced areas are typically slower to respond to improving water quality.

In a connected waterways network like the Broads, tackling the spread of certain aquatic invasive non-native species is a huge and ongoing challenge. Practical work tends to focus on preventing the arrival of new species, and on controlling established species that significantly impact navigation or the conservation interest of key sites.

While the activities under this theme can enhance biodiversity, such as improving water quality by restoring depth and flow, it is acknowledged that some works have the potential to cause mainly short-term negative environmental or ecological effects, such as dredging increasing turbidity and releasing contaminants, soil and nutrients<sup>9</sup> into the water. To mitigate such impacts, the Broads Authority applies Environmental Standard Operating Procedures to all its practical and engineering works, and this guidance is generic across all operators in the Broads.

### Managing navigation safety and access

The Broads Authority manages the use of the Broads navigation to maintain safety, reduce potential conflicts between different user groups and ease pressure on busy areas. Safety on the waterways is managed through Ranger patrolling, supported by byelaws, codes of conduct and public guidance such as Super Safety Days and the 'Wear It' lifejacket campaign. Safety standards are generally high, although speeding and people falling while getting on and off boats are common problems. An increase in waterways users, including many first-time domestic visitors as a consequence of Covid-19 restrictions globally, saw a surge in safety-related incidents, including sadly a number of fatalities.

The Authority, emergency services and Coastguard work closely together to respond to incidents on the water. In 2021 the Authority increased its complement of Rangers to have a greater daily presence on the system, and produced new safety videos with local hire boat operators to give pre-visit advice to hirers. The Authority also worked with inland waterways bodies to update the Hire Boat Code<sup>10</sup>, which contains new safety aspects including stability requirements and more emphasis on the handover procedure given to hirers. Local policing partnerships including 'Broads Beat' work with the Authority and local businesses to promote a proactive approach to maintaining safety and reducing marine-related crime such as the theft of boats and outboard motors.

A number of initiatives help to avoid overcrowding and visitor pressures in certain areas. The Broads Integrated Access Strategy (see Theme E) focuses on distributing access points and visitor facilities across the Broads system, and a regular boat census monitors boat movements and distribution to help identify stress points at sensitive sites. County GI-RAMS<sup>11</sup> will also aim to mitigate negative impacts from visitor pressure on SAC/SPA<sup>12</sup> conservation sites. The potential to open up new areas of navigable water space are very limited, tempered by voluntary restrictions to certain areas of water space that provide key refuges for

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<sup>9</sup> In March 2022, Natural England released '[nutrient neutrality' guidance](#) to local planning authorities (including the Broads Authority) in areas where protected habitats sites are in unfavourable condition due to excess nutrients (also see Theme F).

<sup>10</sup> Code for the Design, Construction and Operation of Hire Boats (the 'Hire Boat Code'), Jan 2022

<sup>11</sup> Green Infrastructure and Recreational Disturbance Avoidance Mitigation Strategies

<sup>12</sup> Special Areas of Conservation/Special Protection Areas

wildlife, by other environmental or land ownership issues, and by a lack of resources. However, there are quiet access opportunities for smaller, non-powered craft such as canoes and paddleboards above the heads of the navigation.

The Broads Authority works with Network Rail and other operators to make sure road and rail bridges are maintained to allow access to navigators. The work of the Broadland Futures Initiative (see Theme A) includes assessing the potential impacts of climate change and sea level rise on the tidal Broads waterways and the implications for navigators, such as the available air draft and timing of when vessels can pass under bridges, to make sure these and other interests are all considered in determining future management approaches.

### Long-term aim

The historic and present importance of the Broads' waterways for navigation, biodiversity and recreation is recognised and valued. The navigation and associated facilities and infrastructure are maintained and enhanced. Waterborne activity across the system is managed carefully to maximise safe enjoyment by all, minimise conflict between users and ease pressure on busy or vulnerable areas. Opportunities to extend the navigable water space are pursued, consistent with nature conservation interests and water resource management. Sediment management provides necessary depths for boating, and dredged material is reused or disposed of in environmentally and economically sustainable ways. Sediment loss from agricultural land and bank erosion is minimal, with sustainable natural and constructed solutions used to protect vulnerable stretches of waterways. Bankside vegetation and water plants are managed in ways that keep waterways open to navigation, do not impact on the ecological or archaeological integrity of sites, and provide for appropriate recreation. Restrictions on navigation due to bridges is minimised and mitigated wherever possible.

**Table 5**

Theme C: Strategic objectives and key actions

Ref	Strategic objectives	Key actions 2022-27 [lead delivery partners]	Delivery links	Resources	Monitoring
<b>C1</b>	<b>Maintain navigation water depths to defined specifications, reduce sediment input and dispose of dredged material in sustainable and beneficial ways</b>	<ul style="list-style-type: none"> <li>Carry out annual dredging programme in priority locations to maximise compliance with defined waterways specifications (based on annual programme of hydrographic surveying, mapping and quantification), and provide water depth data to navigators [BA]</li> <li>Seek additional resources to improve sustainable sediment management [BA and partners]</li> <li>Develop and share inland waterways legislation and good practice for dredging and sediment re-use [AINA, MMO, BA]</li> </ul>	Broads WMS	BA and partners	% annual compliance with waterways specs, up-to-date sediment management legislation & guidance

Ref	Strategic objectives	Key actions 2022-27 [lead delivery partners]	Delivery links	Resources	Monitoring
		<ul style="list-style-type: none"> <li>Identify and prioritise stretches of lost or eroded river bank/island for restoration and implement land management protection, creation and restoration strategies, using innovative sediment re-use techniques where possible [BA, BCP]</li> <li>Promote good practice guidance on minimising bank erosion to recreational users and land owners/managers [BA]</li> </ul>	Broads WMS <a href="#">BRCP</a>	Funded schemes, partners	SSSI and WFD condition status, CFE records
C2	<b>Maintain existing navigation water space and develop appropriate opportunities to extend access for various types of craft</b>	<ul style="list-style-type: none"> <li>Develop schemes and agreements to extend navigation access for appropriate craft, consistent with nature conservation interests, flood risk management and archaeological status [BA, partners]</li> </ul>	Broads WMS <a href="#">Broads IAS</a>	BA and partners	Broads IAS action plan targets
		<ul style="list-style-type: none"> <li>Maintain navigation access through bridges and provide clearance information to navigators, incl.:               <ul style="list-style-type: none"> <li>Negotiate refurbishment/replacement of Somerleyton and Reedham swing bridges, incl. secured funding and agreed design and mitigation measures, and provide clearance information to navigators [NR, BA]</li> <li>Maintain low bridges, incl. Carrow Bridge, to allow opening/closing for navigators, and provide clearance information to navigators [Bridge operators, BA]</li> </ul> </li> </ul>	<a href="#">Network Rail CP6 Delivery Plan</a> NCC Transport Asset Mgt. Plan Broads WMS	Bridge operators	NR CP6 Delivery Plan schedule NR/BA liaison meetings
		<ul style="list-style-type: none"> <li>Develop understanding of long-term trends in water levels and impacts on navigation, and refresh mean water level data using standardised methodology [BA, BFI]</li> </ul>	<a href="#">BFI</a>	Partners	BFI reporting indicators
		<ul style="list-style-type: none"> <li><i>Management of moorings, slipways and other waterside infrastructure - see strategic objective E1</i></li> </ul>	n/a	n/a	n/a
C3	<b>Manage water plants and riverside trees and scrub, and seek</b>	<ul style="list-style-type: none"> <li>Carry out annual regimes for water plant cutting in navigation channels in accordance with agreed criteria, and monitor impact on plant species, distribution and abundance [BA]</li> </ul>	Broads WMS	BA	BA annual monitoring of managed river bank, navigation channels, water plants

Ref	Strategic objectives	Key actions 2022-27 [lead delivery partners]	Delivery links	Resources	Monitoring
	<b>resources to increase operational targets</b>	<ul style="list-style-type: none"> <li>Carry out annual tree and scrub management regimes in accordance with agreed criteria and Area Ranger strategies for managing hazards to navigation from trees on private land [BA, landowners, community groups]</li> </ul>	Broads WMS	BA	Routine BA Ranger checks; 5-yearly survey of riverside trees
<b>C4</b>	<b>Maintain and improve safety and security standards and user behaviour on the waterways</b>	<ul style="list-style-type: none"> <li>Manage adherence to boat safety measures, incl. up-to-date Safety Management System and Boat Safety Scheme [BA]</li> <li><i>Provision of user safety information - see strategic objective E3</i></li> <li>Incorporate Hire Boat Code through local licence conditions [BA]</li> <li>Manage navigation aids and up-to-date reference on GIS mapping; carry out navigation infrastructure inspection and maintenance regimes to agreed annual schedules, incl. full review of navigational posts [BA]</li> </ul>	<a href="#">PMSC</a> <a href="#">Hire Boat Code</a> Broads WMS	BA	BSS compliance/ PMSC external audit Boat census, boat user/HBO surveys
		<ul style="list-style-type: none"> <li>Use zoning agreements/protocols and pilot schemes as required for organised water sport activities and events (incl. water skiing, wakeboarding, power boat racing, wild swimming and competitive rowing) and provide up-to-date guidance and signage for participants and other waterways users [BA]</li> </ul>	<a href="#">PMSC</a> Broads WMS	BA	BSS compliance/ PMSC external audit
		<ul style="list-style-type: none"> <li>Through ranger patrolling, events, guidance, training and guidance, promote and improve waterways recreational user safety and security [BA, NC, SC, NWSF, hire boat operators]</li> </ul>	Broads WMS	Partners	NPA (BA) indicators and targets



## Theme D: Protecting landscape character and the historic environment

### Introduction

The low-lying, interconnected wetland habitats of the Broads follow the edges of level, open marshland and valleys drained by three principal rivers and their tributaries. This is a living and working landscape, created and influenced over thousands of years by patterns of human existence. The [Broads Landscape Character Assessment](#) (2017) summarises the physical processes that have shaped the landscape we see today. It identifies 13 distinct landscape types from coastal dunes and tidal estuary to peat fen, carr woodland and settlement fringe. Within these are 31 individual character areas, each with a unique combination of landscape features and elements.

The shallow lakes we know as ‘broads’ are actually manmade, mostly originating as medieval peat diggings. Arguably this makes the Broads itself one of England’s most extensive industrial monuments. A long history of controlled drainage is evident from the drainage mills, raised and embanked rivers, and dykes. The location and pattern of villages and settlements have been dictated largely by historic social and economic need, with groupings often round a parish staithe, riverside common, ferry or bridge, with isolated churches on the surrounding uplands.

### Built and cultural heritage

The significant built heritage value of the Broads is recognised in the designation of 25 Conservation Areas and the scheduling of 15 Ancient Monuments and more than 270 Listed Buildings. Much has been done to protect, conserve and enhance key historic and cultural assets, and seven Listed Buildings at risk were removed from the Register between 2017 and 2021. However, there is still gradual erosion in the condition, quality and distinctiveness of the built environment. Among the most vulnerable assets are more than 70 drainage mills, an iconic and visible feature in this flat landscape. Many of these structures are isolated, inaccessible and in a deteriorating condition. Five-yearly surveys of these buildings and other listed structures is providing important evidence for action.

In line with good practice, a programme of Conservation Area reviews is carried out, with three new Conservation Area Appraisals adopted between 2017 and 2020, helping to acknowledge and preserve the special character of these important places. In many areas, unlisted buildings such as waterside chalets contribute greatly to the local character and are of special significance to local communities, and a Local List is maintained to make sure these buildings are recognised. Legacy planning following the Landscape Partnership Scheme (LPS) ‘Water, Mills and Marshes’ project will continue support local heritage projects, including the repair of drainage mills that are so integral to this landscape. Ongoing support is also needed to preserve, restore and use historic Broads’ craft, including the trading wherries and other small heritage craft, with the legacy of the LPS adding to the work of local groups and trusts to maintain our heritage fleet.

Other important aspects of the area’s heritage are also in danger of being lost if not recognised, protected and supported. Historic England has identified the Broads as a site of Exceptional Waterlogged Heritage, but many of its archaeological features remain hidden and vulnerable to changes in water levels,

development and other land use pressures. Traditional craft industries such as reed and sedge cutting, thatching and millwrighting remain a small but important part of life and landscape management in the Broads but are struggling to survive, as are other local traditions, crafts and cultures.

### Geodiversity

The geodiversity of the Broads is an understated aspect of its natural heritage, with many identified sites of interest lacking designation and protection. Risks include the impacts of climate change, including coastal protection work altering the dynamics of marine erosion and sediment transport, and drying out of wetland and oxidation of peat leading to the loss of finite environmental and archaeological archives. Agricultural activity can also adversely impact the historic environment and landscape, such as by removing historic patterns of drainage and water management and separating former water mills from their functional context. County geodiversity action plans for Norfolk and Suffolk help to provide a comprehensive approach to documenting, protecting and enhancing our local geodiversity resources and understanding.

### Tranquillity, dark skies and wildness

A sense of tranquillity, dark skies and wildness gives the Broads much of its character and appeal, and visual disturbance and noise and light pollution in or near the area can have an undesirable impact. Tranquillity mapping by the Campaign to Protect Rural England puts most of the Broads at the 'most tranquil' end of the spectrum, and most parts of the Broads have 'intrinsic dark skies' with the potential for some Dark Sky Discovery Sites. The Broads Authority is a member of the UK Dark Skies Partnership, which aims to tackle light pollution in protected landscapes. Within the Broads, measures to protect and enhance tranquillity, dark skies and wildness are encouraged through planning policy and design guidance, and through action such as reducing boat engine noise, zoning water skiing and power boat racing, and undergrounding overhead electricity distribution cables. Having said that, it is the bustling activity in some areas of concentrated leisure development, such as Wroxham and Potter Heigham, that gives those areas their particular character and supports the local economy and communities.

### Long-term aim

The Broads remains a dynamic and special landscape with its own sense of place and historic significance. The key physical, historic and cultural elements of landscape character are recognised, retained and actively managed while allowing the landscape to evolve and reflect the interactions between people and nature. Traditional and heritage industries such as boat building, agriculture, thatching and millwrighting thrive and wider local traditions, crafts and oral cultures are maintained and celebrated. Archaeological sites and historic built and cultural assets are recorded, protected and enhanced, halting further degradation and loss and contributing to landscape integrity. The built environment continues to reflect the activities of people living and working here, embracing traditional and innovative design that ensures new and historic structures are compatible with the landscape, energy efficiency is improved, and environmental benefits and socio-economic stability and growth are promoted. Earth heritage features are protected and people understand the evolution of our environment over deep

time. People enjoy the sense of tranquillity, wildness and dark skies; at the same time, the bustling nature of some areas is supported in keeping with the overall character of the Broads and the needs of its communities.

**Table 6**

Theme D: Strategic objectives and key actions

Ref	Strategic objectives	Key actions 2022-27 [lead delivery partners]	Delivery links	Resources	Monitoring
<b>D1</b>	<b>Record, protect and enhance local built and cultural features, archaeology, geodiversity and potential hidden heritage, including ‘at risk’ assets</b>	<ul style="list-style-type: none"> <li>Maintain comprehensive Heritage at Risk (HAR) Register and work with building owners to remove sites from register [BA]</li> <li>Maintain Broads Local List of heritage assets and carry out 5-yearly, thematic and conservation area-based surveys of assets for inclusion on list [BA, parish councils]</li> <li>Produce planning guidance for ‘at risk’ heritage assets as appropriate, including those at risk from flooding [BA, HE, NCC]</li> </ul>	HAR Register Broads Local List	Parish Councils, building owners, partners	# buildings removed from HAR Register # new heritage assets added to Local List £ funding and # new projects
		<ul style="list-style-type: none"> <li>Complete Broads LPS ‘Water, Mills &amp; Marshes’ Programmes 1: Interpreting the Landscape, 3: Learning and Future Skills, 4: Historic Landscapes, and 5B: Natural Landscapes (by Dec 2023); develop and implement legacy interpretation activities based on evaluation and outcomes of LPS [Broads LPS delivery partners]</li> </ul>	<a href="#">WMM and legacy schemes</a>	NLHF LPS, partners	Broads LPS target data for NLHF
		<ul style="list-style-type: none"> <li>Develop evidence base and policy to improve awareness, understanding and protection of the Broads’ exceptional waterlogged archaeology, and develop management plan [NAT, BA, NCC, SCC, HE]</li> <li>Implement measures to document, protect and enhance local geodiversity sites and assets across identified work areas in county Geodiversity Action Plans [NGP, GeoSuffolk]</li> </ul>	Norfolk and Suffolk County Geodiversity Action Plans	Partners	Evidence base and management plan
		<ul style="list-style-type: none"> <li>Complete Broads LPS ‘Water, Mills &amp; Marshes’ Programmes 3A: Heritage Construction Skills Training and 4E: Land of the Windmills (by Dec 2023); develop legacy opportunities for skills training and apprenticeships [Broads LPS delivery partners];</li> </ul>	<a href="#">WMM and legacy schemes</a>	NLHF LPS, BEEN & FE providers, BIS/BEIS	Broads LPS target data for NLHF # trainees/ work experience

Ref	Strategic objectives	Key actions 2022-27 [lead delivery partners]	Delivery links	Resources	Monitoring
		<ul style="list-style-type: none"> <li>Provide vocational heritage skills training and work experience opportunities [FE providers, BEEN, BA, Broads LPS legacy]</li> <li><i>Support local reed and sedge cutting industry – see objective B4</i></li> </ul>			participants in target schemes
<b>D2</b>	<b>Maintain an up-to-date Broads Landscape Character Assessment and use to inform conservation action plans</b>	<ul style="list-style-type: none"> <li>Refresh Broads Landscape Character Assessment [BA]</li> <li>Use Broads Landscape Conservation Action Plan to inform completion of Broads LPS ‘Water, Mills &amp; Marshes’ programmes and development of legacy opportunities [Broads LPS partners, BA]</li> </ul>	Broads LCAP CAA schedule <a href="#">WMM and legacy schemes</a>	NLHF LPS, partners	Broads LPS target data for NLHF
<b>D3</b>	<b>Maintain up-to-date Conservation Area designations, appraisals and management proposals</b>	<ul style="list-style-type: none"> <li>Implement 5-year programme of Conservation Area Appraisal reviews to provide up-to-date Conservation Area designations, appraisals and management proposals; designate new Conservation Areas as appropriate [BA, LAs, parish councils]</li> </ul>	CAA schedule	Partners	CAA 5-year schedule (BA)
<b>D4</b>	<b>Reduce the impacts on the Broads of visual intrusion and noise and light pollution, and promote Dark Sky Discovery Sites</b>	<ul style="list-style-type: none"> <li>Implement funded schemes in scheduled Broads undergrounding wires programme and bid for further schemes [Ofgem/UK Power Networks, BA]</li> </ul>	<a href="#">UKPN Schedule 9 Statement</a>	Ofgem/UK Power Networks	Ofgem/UKPN programme schedule
		<ul style="list-style-type: none"> <li>Refresh Broads dark sky mapping assessment and monitoring, and apply for status of Dark Sky Discovery Sites in the Broads [BA]</li> </ul>	<a href="#">Dark Sky Discovery Sites</a>	BA	Dark sky mapping

## Theme E: Promoting understanding and enjoyment

### Recreation and integrated access

More than eight million people a year<sup>13</sup> visit the Broads National Park to enjoy outdoor activities on land and water. The area contains more than 200km of inland navigable lock-free waterways, part of National Cycle Route 1, and 303km of public rights of way including three county long distance trails and part of the national England Coast Path trail. The coast and urban centres such as Norwich and Great Yarmouth also provide opportunities for open access and recreation.

There are currently more than 12,000 craft licenced to use the Broads. While most are privately owned, the hire boat industry remains a significant part of the Broads economy, and diversification and improvements in environmental and quality standards have been crucial to its ongoing survival. There has been a trend in recent years towards bigger boats, but small craft such as canoes and stand up paddle boards are also becoming increasingly popular, particularly with young people. Sailing has been part of the Broads way of life since the 19<sup>th</sup> century and remains integral to the landscape. User safety on the water has become a growing focus, as highlighted in Theme C (Maintaining and enhancing the navigation). Other popular activities on land and by the water include angling, walking, cycling, horse riding and visiting local sites of interest. The strong appeal of the local wildlife, notably birds, boosts visitor numbers throughout the year.

All these activities rely on good public access on land and between land and water, along with appropriate visitor facilities. It is also important to provide access in ways that will not damage fragile wetland habitats or disturb wildlife. Due to its geography and waterways network, much of the area is also relatively difficult to access and the best (and sometimes only) way to reach certain parts of the system is by water. In common with other National Parks, most visitors come to the Broads by private car. In some areas, particularly popular sites, this contributes to carbon emissions, increases seasonal traffic congestion and demand for parking, and creates a contradictory impression to visitors who expect the area to be tranquil. There are, however, three railway lines serving many of the smaller settlements between Norwich, Great Yarmouth and Lowestoft, good bus services in some areas, and a number of community transport schemes based in and around Broads villages.

Proposals to improve access to and around the Broads, linked to destination points, services and sustainable transport are identified in the [Broads Integrated Access Strategy](#). However, action often depends on gaining realistic landowner agreements, and on having sufficient resources both to carry out works and to maintain the overall network in the longer term. Other access, travel and local plans, including the emerging 30-year Transport Strategy for the East and county-led plans, all identify the need for more investment in public transport, walking and cycling facilities, and links between visitor hubs such as rail stations, town centres, tourist attractions and moorings.

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<sup>13</sup> STEAM data for Broads and area of influence

### Regenerative tourism

Tourism is a major contributor to the Broads' economy, and the area's attractions also recognise the significant appeal of the surrounding area including the historic city of Norwich, seaside resorts like Great Yarmouth and Lowestoft, and the North Norfolk coast, part of which is designated as an Area of Outstanding Natural Beauty.

[The Tourism Strategy for the Broads \(2016\)](#) focuses on high quality, year-round sustainable activity, with connected benefits for local communities and conservation. Its main aims are to raise awareness of this unique wetland, strengthen the tourism offer and manage the flow of visitors around the Broads, encouraging exploration and environmental awareness. The emphasis for the UK National Parks family is now moving from sustainable tourism to 'regenerative tourism' – activity that goes one step further and contributes tangibly toward the regeneration of the places and communities in which it operates. This will be reflected in our updated Tourism Strategy, due to be adopted in 2023.

The Broads has a unique offer to a wide range of audiences, although its place within the UK National Parks family is still not widely recognised. Public sector cuts continue to affect support for tourism marketing, management and infrastructure, and stronger working between local authorities and the private sector is vital in supporting the industry. Recognised issues include a lack of visitor facilities in some areas, inconsistent quality in accommodation and catering, and a shortage of labour, skills and volunteers. Opportunities include private sector interest in sponsorship, and the growing trend for 'experiential' activities that bring the area's nature, landscape and cultural heritage to life. The primary markets for the Broads include domestic visitors on short breaks, couples and families on longer holidays, and day visits by local residents and coastal holidaymakers. There is also forecast growth in other markets such as young independent travellers, groups, and people with special needs.

As in many other sectors, tourism has been impacted by the Covid-19 pandemic. In 2020, tourism in the Broads and area of influence brought in around £382m and 4.76m visitors, compared with £665m and 8.2m visitors in 2019<sup>14</sup>. Periods of lockdown, especially at high points of the holiday season, required new ways of working for local businesses, often at reduced capacity and increased cost, and sustainable tourism slipped down the priority list as survival and adaptation became paramount. Conversely, easing of Covid-19 restrictions created a surge in domestic holidays in 2020 and 2021, with a huge increase in new and younger waterways users to the Broads during a condensed season. While this was positive for local businesses, coping with such high visitor numbers also brought significant safety and environmental problems. It is too early to say how the trends caused by Covid-19 might influence tourism in the longer term.

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<sup>14</sup> STEAM annual data 2020 and 2019

## Visitor information

Clear, consistent and coordinated information about the area help to strengthen visitor understanding and enjoyment, both before and during their visit. In 2015 the Broads Authority agreed to brand the area as the 'Broads National Park', to promote more clearly its National Parks UK membership credentials and special qualities. While the Broads may mean different things to different people, branding and key messages aim to capture the area's essence and value, and encourage people to value and care for it.

### Long-term aim

The value of the Broads National Park as a place for escape, adventure, enjoyment, inspiration and reflection is recognised and treasured. The area offers a wide range of high quality, distinctive and memorable activities on water and on land, in suitable locations and in harmony with the special status and qualities of the area and its communities. Boating remains integral to local recreation, alongside other popular pursuits of angling, walking, cycling and experiencing the rich natural and cultural assets of this wetland landscape. Year-round regenerative tourism actively supports the natural environment and a thriving local economy. Physical access on and between land and water is managed sensitively to maximise the health and wellbeing benefits of open space to all, while ensuring the resource itself is not degraded. Where possible, improvements are made to the access network, linked to visitor destination points and sustainable transport. Clear, consistent and high-quality information helps people to understand, respect and enjoy the area's special qualities. The natural, built and cultural heritage and local traditions that reflect the character of the Broads are understood, documented and promoted.

**Table 7**

Theme E: Strategic objectives and key actions

Ref	Strategic objectives	Key actions 2022-27 [lead delivery partners]	Delivery links	Resources	Monitoring
<b>E1</b>	<b>Improve the integrated network of access routes and points (with easier access for people with mobility and sensory needs), linked to visitor facilities</b>	<ul style="list-style-type: none"> <li>Create and maintain web-based map of Broads visitor infrastructure and facilities incl. moorings, hook up points, etc. [BA]</li> </ul>	<a href="#">Broads IAS</a>	BA	IAS targets
		<ul style="list-style-type: none"> <li>Implement working agreements and other measures to improve strategic network of toilet facilities (incl. Changing Places accessible toilets) and refuse &amp; recycling facilities [BA, LAs, local businesses]</li> <li>Develop and implement 5-year maintenance delivery plan for network of solar/electric hook up points [BA]</li> </ul>	<a href="#">Broads IAS</a> <a href="#">EtB initiative</a> EV and AFS strategies	BA, LAs, local businesses	IAS targets

		<ul style="list-style-type: none"> <li>• Maintain BA 24-hour free mooring network, informed by boat census and strategic priority sites data [BA]</li> <li>• Install new small craft launch facilities linked to parking, craft hire points and published trails [BA, BC, BLAF, HBOs, RWSP]</li> <li>• Implement projects in county Access Improvement Plans/Green Infrastructure Plans and River Wensum Strategy to improve provision of access points between land and water and mooring/stopping points [NCC, SCC, BLAF, RWSP, BA]</li> </ul>	<a href="#">Broads IAS</a> <a href="#">RWS</a> County AIPs/GIPs	BA, BLAF, partners	Broads IAS targets BA boat census BA maintenance & repair schedule and 10-year repiling targets
		<ul style="list-style-type: none"> <li>• Implement Norfolk Local Cycling and Walking Infrastructure Plan and East Suffolk Walking &amp; Cycling Strategy; Develop new cycleways and cycle hire provision schemes, incl. Active travel routes and Norfolk Trails) [NCC, SCC, BA, BLAF, RSPB];</li> <li>• Implement projects in county Access Improvement Plans (AIPs) and Broads Integrated Access Strategy to promote circular horse-riding routes [NCC, SCC, BA, BLAF]</li> <li>• Promote action through local transport improvement plans to improve transport to and within the Broads, e.g. Bus Back Better Strategy [NCC, SCC, BA]</li> </ul>	<a href="#">Broads IAS</a> <a href="#">Broads STS</a> Transport Strategy for the East and county transport improvement plans County AIPs/GIPs	Partners	Strategic plan targets
		<ul style="list-style-type: none"> <li>• Implement agreed initiatives to support local fisheries and provision of Broads' angling facilities [EA, angling bodies/community groups]</li> </ul>	Community angling plans <a href="#">Broads STS</a>	Partners	Plan targets
E2	<b>Offer a coordinated and year-round programme of visitor activities that promote a 'Broads' experience', taking measures to prevent</b>	<ul style="list-style-type: none"> <li>• Provide and promote annual, year-round visitor events programme, incl. Outdoors in the Broads, Walkability, Royal Norfolk Show, Dark Skies Festival [BT, BA, DMOs, NGOs, AONBs]</li> </ul>	<a href="#">Broads STS</a>	Partners	# and spread of events, visitor attendance
		<ul style="list-style-type: none"> <li>• Create and promote year-round, high quality/low environmental impact 'experiential' itineraries, events and packages, linked into coastal and urban visitor offers [BT, BA, LPS partners, HBOs, TBs, WCOs, LAs, NGOs]</li> </ul>	<a href="#">Broads STS</a>	NA LEP, EXPERIENCE project (NCC). partners	Visitor/event surveys, BA boat census



	<b>any adverse environmental impacts</b>	<ul style="list-style-type: none"> <li>Complete activities under Broads LPS 'Water, Mills &amp; Marshes' Programmes 1: Interpreting the Landscape and 2: Exploring the Landscape and access improvements to Angles Way; Develop and implement legacy interpretation projects based on evaluation and outcomes of LPS [Broads LPS Board delivery partners]</li> </ul>	<a href="#">WMM and legacy schemes</a>	NLHF LPS, partners	Broads LPS target data for NLHF
<b>E3</b>	<b>Maintain and upgrade the range and provision of integrated multimedia interpretation about the special qualities of the Broads National Park, and 'point of need' information for visitors</b>	<ul style="list-style-type: none"> <li>Promote the Broads National Park identity, incl.:               <ul style="list-style-type: none"> <li>Maintain up-to-date Broads National Park and Visit the Broads social media channels and Visit the Broads website, linked to destination websites at local to international level [BA and partners]</li> <li>Deliver multimedia destination marketing campaigns featuring Norfolk &amp; Suffolk, East of England, UK waterways and UK National Parks [BA and partners]</li> <li>Promote Broads National Park brand at local sites and events, provide brand assets and guidelines to local businesses, and install brand signage, promotional art and interpretation at appropriate locations [BA and partners]</li> </ul> </li> </ul>	<a href="#">Broads STS</a>	Partners	BA social media metrics, survey data
		<ul style="list-style-type: none"> <li>Provide comprehensive on-site information to visitors, incl.:               <ul style="list-style-type: none"> <li>Maintain Broads information presence at strategic hubs incl. yacht stations, visitor centres, gateways and key sites; provide Wi-Fi access at yacht stations and visitor centres [BA]</li> <li>Produce and promote Broads visitor newspaper, Broadsheet, trail/location maps, interactive tools and creative projects (e.g. visual arts, drama) [BA]</li> <li>Improve availability and range of information on easier access within the Broads [BA and partners]</li> </ul> </li> </ul>	<a href="#">Broads STS</a>	Partners	BA visitor centre usage, print distribution numbers, social media metrics
		<ul style="list-style-type: none"> <li>Provide information and other resources to encourage environmentally aware and responsible visitor behaviour (e.g. litter</li> </ul>	<a href="#">Broads STS</a>	Partners	Visitor survey data, boat handover surveys

		<p>disposal, use of barbecues, recognising invasive species, accessing protected habitats) [BA and partners]</p> <ul style="list-style-type: none"> <li>• Provide safety information and support to recreational users and tourism businesses - <i>also see strategic objective C4</i></li> </ul>			
E4	<b>Strengthen the quality and distinctiveness of the local tourism offer, including careers and skills training</b>	<ul style="list-style-type: none"> <li>• Implement measures to assess and guide quality and environmental sustainability standards and local distinctiveness in local tourism provision, incl. quality assurance certification/ award schemes and visitor feedback sites [BT partners, TBs, NA LEP, BA]</li> </ul>	<a href="#">Broads STS</a>	BT Marketing Plan grants, partners, NA LEP	Visitor feedback survey data, # quality/ certification schemes in place
		<ul style="list-style-type: none"> <li>• Provide tailored tourism staff recruitment and training programmes and events through hire boat operators and tourism businesses; develop and offer initiatives to young people wishing to pursue tourism-related careers [BT partners, DMOs, TBs, BHBF, NA LEP, BA]</li> </ul>	<a href="#">Broads STS</a>	Partners, NA LEP	Visitor surveys, # training courses/ young people entering industry

## Theme F: Connecting and inspiring communities

### Landscapes for everyone

The [Landscapes Review](#) recognises that our National Parks and other protected landscapes are sometimes seen as an exclusive, mainly white and middle-class club, with rules only members understand and too little done to encourage first time visitors. Those who miss out tend to be older people, the young, those from lower socio-economic groups, people with disabilities and black, Asian and minority ethnic communities. The Review sets out proposals to help people from all walks of life, ages and abilities to experience and enjoy these special landscapes. The Covid-19 pandemic has also given many of us a new perspective on the personal appeal and value of getting out into nature for our physical and mental health and wellbeing. At a local level, experience shows that a first-time visit is often enough to show someone that the Broads is not an exclusive club, but it is also important to provide practical and longer-term support for those who need it.

People can feel disconnected from the natural environment for various reasons, such as a lack of physical or cultural access, mobility, information or simply motivation. Offering accessible, affordable and inspiring opportunities can encourage people to 'go the extra mile' and reconnect - or perhaps connect for the first time - with all that nature has to offer. A recent success is the 'Water, Mills and Marshes' programme, which has delivered outreach projects enabling under-represented groups, including local migrant communities and young people, to experience the Broads at first hand. Another positive initiative is social prescribing, which recognises the benefits of the outdoors for all-round health and wellbeing. Environmental education, outreach and volunteering are highlighted below, while other access issues such as integrated travel routes and transport are discussed in Theme E.

### Environmental education

The Broads is a wonderful outdoor resource for environmental education as a 'classroom without walls', and for wider outreach. Our long-term aim is that the Broads is a source of enjoyment, learning and personal development for every child in Norfolk and Suffolk during their school career, echoing the 'night under the stars' ambition of the Landscapes Review. However, providers often have to focus limited resources where they are likely to have most impact, particularly for young people who might otherwise not have a chance to experience an outdoor landscape like the Broads. The [Education Strategy for the Broads](#) identifies the need to increase these resources to build upon existing school-based and outreach activities, including legacy projects following the end of the 'Water, Mills & Marshes' scheme in 2023, and initiatives and partnerships established by Generation Green.

### Volunteering

Volunteering is a long-established way to involve people in their local landscape, from practical conservation and survey work to supporting education and recreation events. An important focus for the future is to retain and build our volunteer resources by offering more varied and flexible volunteering opportunities to suit everyone, whatever their personal circumstances.

### Local development

The Broads Authority executive area straddles parts of six district authority areas (Broadland, East Suffolk, Great Yarmouth, North Norfolk, Norwich and South Norfolk) and is home to around 6,500 people. The Broads Authority is the local planning authority, while the district councils retain all other local authority powers and responsibilities. County planning responsibilities, including minerals and waste planning, sit with Norfolk and Suffolk County Councils. The [Local Plan for the Broads](#) helps to achieve the strategic objectives of the Broads Plan through development management policies that seek to preserve and improve the built environment and economy while protecting and enhancing its biodiversity, waterways, landscape character and historic environment.

The National Planning Policy Framework identifies the Broads as an area where development may be restricted because of its landscape and scenic beauty. However, it is bordered by areas identified as urban growth locations including Norwich, Great Yarmouth and Lowestoft (all 'gateways to the Broads') and the Local Needs Housing Assessment<sup>15</sup> calculates that 358 new dwellings are needed for the Broads by 2041. While development and regeneration attracts business investment, contributes towards local services and infrastructure improvements and supports a higher quality of life, growth at the scale being planned is not without environmental impact. Robust planning policies and co-operation between the relevant local planning authorities will continue to be essential. Green Infrastructure and Recreational Disturbance Avoidance Mitigation Strategies for Norfolk and Suffolk will be used to help prevent additional recreational pressure on European designated sites, in part due to the proposed housing growth in the wider local area. In March 2022, Natural England released guidance to local planning authorities (including the Broads Authority) in areas where protected habitats sites are in unfavourable condition due to excess nutrients, with a requirement for new development to achieve [nutrient neutrality](#).

### Income generation

Section 1.3 highlights the pressures on the Broads Authority's income, and the need for those managing England's protected landscapes to seek increased and more diverse sources of funding. The Authority will continue to work with its Broads Plan partners and the National Parks family to improve income generation to support local projects.

#### Long-term aim

People from all walks of life and all ages and abilities are able to connect with the Broads for their health and wellbeing. Educational and outreach opportunities make use of the area's natural and cultural assets to inspire and motivate everyone, especially young people, as part of lifelong learning. People feel actively involved in decisions about the future of the Broads. Volunteering provides beneficial opportunities for enjoyment, wellbeing and

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<sup>15</sup> Great Yarmouth Borough Council and the Broads Authority: Local Needs Housing Assessment 2022: ORS draft report, April 2022

enhanced life skills, and is recognised as a valuable resource in looking after the Broads. Strong planning frameworks and cross-boundary cooperation between local authorities provide vibrant opportunities for socio-economic and environmental sustainability, regeneration and diversification in ways that continue to protect and enhance the distinctive character and assets of the Broads and support thriving local communities.

**Table 8**

Theme F: Strategic objectives and key actions

Ref	Strategic objectives	Key actions 2022-27 [lead delivery partners]	Delivery links	Resources	Monitoring
<b>F1</b>	<b>Increase and promote accessible and ‘taster’ activities that foster physical and mental health and wellbeing for all, including under-represented groups</b>	<ul style="list-style-type: none"> <li>• Build on legacy of Generation Green initiative and Broads LPS ‘Water, Mills &amp; Marshes’ programmes &amp; mental health research to develop new partnership projects via Norwich Integration Partnership, Restoration Trust, social housing providers, etc [BA, GG, WMM, other partners]</li> <li>• Provide accessible, affordable ‘try it out’ activities for new and under-represented audiences [community/ amenity groups, local businesses, other partners]</li> <li>• Provide nature-based health &amp; wellbeing activities, e.g. Active Outdoors, Wellbeing Walks, Green Gym, social prescribing/ community connectors schemes [LAs, health &amp; social care sector, volunteer sector, other partners]</li> </ul>	<a href="#">WMM and legacy schemes</a> Partnership schemes	NLHF LPS, local businesses, other partners	Broads LPS target data for NLHF NHS wellness statistics (to be determined)
<b>F2</b>	<b>Offer varied, flexible and sustainable volunteering opportunities and skills training to suit diverse audiences</b>	<ul style="list-style-type: none"> <li>• Update BA Volunteer Strategy 5-year action plan [BA]</li> <li>• Provide varied, flexible volunteering opportunities (incl. ‘casual volunteering’ events) and associated skills training through multiple sources and sites [BA, TCV, VN, WCO, other partners]</li> </ul>	<a href="#">Broads VS</a> Partner volunteer programmes	Partners	NPA (BA) annual indicator data
		<ul style="list-style-type: none"> <li>• Implement opportunities through Broads LPS ‘Water, Mills &amp; Marshes’ Programme 3D: Broads Young Rangers and 3E: People Engagement; Develop legacy volunteering opportunities and projects based on evaluation and outcomes of LPS [Broads LPS delivery partners]</li> </ul>	<a href="#">WMM and legacy schemes</a>	NLHF LPS, partners	Broads LPS target data for NLHF

Ref	Strategic objectives	Key actions 2022-27 [lead delivery partners]	Delivery links	Resources	Monitoring
<b>F3</b>	<b>Provide and expand schools-based and outreach environmental education opportunities for young people, using the Broads as a learning resource</b>	<ul style="list-style-type: none"> <li>Update BA Education Strategy 5-year action plan [BA]</li> <li>Produce enhanced range of environmental education schemes, activities and resource tools (incl. Broads Curriculum materials and teacher training support) and promote/deliver to local schools [BA, BEEN partners]</li> </ul>	<a href="#">Broads ES</a> <a href="#">Broads Curriculum</a>	BEEN, other education providers	# participants in target schemes
		<ul style="list-style-type: none"> <li>Complete schools-based educational opportunities under Broads LPS 'Water, Mills &amp; Marshes' programmes; develop and implement legacy youth learning and future skills opportunities based on evaluation and outcomes of LPS [Broads LPS delivery partners]</li> </ul>	<a href="#">Broads ES</a>	NLHF funding, partners	Broads LPS target data for NLHF
		<ul style="list-style-type: none"> <li>Build resource capacity to deliver more outreach educational activities for school-aged children by sourcing external funding and sponsorship, training volunteer supervisors and other means [BA, BEEN]</li> </ul>	<a href="#">Broads ES</a>	Partners	Additional new resources in place
		<ul style="list-style-type: none"> <li>Implement projects for young people focused on skills training, practical experience and progression, incl.:               <ul style="list-style-type: none"> <li>Build capacity to continue objectives of Generation Green initiative, incl. employing project officers to maintain links with YHA residential experiences, and develop successor projects [GG partners, others]</li> <li>Provide and expand range of life skills outreach programmes, award and apprenticeship schemes (incl. John Muir Award, Forest Schools, BA Youth Rangers, Broads Discovery Days), and progression routes for participants [BEEN, Broads LPS delivery partners]</li> </ul> </li> </ul>	<a href="#">Broads ES</a>	Partners, award schemes, apprenticeship schemes Access Unlimited Coalition	# participants in target schemes, participant feedback
<b>F4</b>	<b>Provide up-to-date planning policy, site-specific allocations and planning guidance to</b>	<ul style="list-style-type: none"> <li>Review and update Local Plan for the Broads and provide planning advice, incl. pre-application service [BA]</li> <li>Produce, adopt and promote new Design Guide for the Broads in line with NPPF requirements [BA, parish councils]</li> </ul>	<a href="#">Local Plan for the Broads, other LA</a> Local Plans County RAMS/ GIRAMS	BA, LPAs	NPA planning targets, duty to cooperate principles met

Ref	Strategic objectives	Key actions 2022-27 [lead delivery partners]	Delivery links	Resources	Monitoring
	<b>support local community needs and ensure development happens within environmental limits</b>	<ul style="list-style-type: none"> <li>Engage with local communities, stakeholders and prescribed local 'duty to cooperate' bodies on strategic planning matters [BA, LPAs]</li> <li>Implement Green Infrastructure and Recreational Disturbance Avoidance Mitigation Strategies to extend and protect biodiversity value of sites [NSNRP, NCP, NSPG]</li> </ul>			
		<ul style="list-style-type: none"> <li>Develop site masterplans and funding bids to support proposals for strategic sites with significant built, cultural, natural heritage, recreation or green infrastructure value, incl. Hoveton Riverside Park, How Hill, Whitlingham Country Park [BA, LPAs, HHT, WCT]</li> </ul>	Site management plans	Partners	Site management plan targets
<b>F5</b>	<b>Increase income generation to support Broads-themed projects</b>	<ul style="list-style-type: none"> <li>Support and develop partnership income generation, e.g. private and blended financing models for nature recovery, carbon credits, corporate sponsorship, National Parks Partnerships initiatives, visitor giving schemes, retail sales at visitor centres, etc. [BA, BT, NPE, NA LEP, charities/trusts]</li> </ul>	<a href="#">NPP</a> <a href="#">Love the Broads</a>	Broads Trust, businesses, other partners	Love the Broads data NPP data New income generation streams

# Appendices

## Appendix A: Broads Plan partners

Many organisations, groups and partnerships help to deliver the strategic objectives of the Broads Plan, including those listed below. See Appendix B for a list of abbreviations used in the plan.

[Anglian Water](#) provides a water supply to much of the Broadland catchment and sewerage services throughout the catchment. [Essex & Suffolk Water](#) supplies water to parts of the south and east of the catchment.

The [Broadland Catchment Partnership](#) aims to improve the water environment and provide wider benefits for people and nature through a coordinated catchment-based approach. The partnership is co-hosted by the BA and the Norfolk Rivers Trust.

The goal of the [Broadland Futures Initiative](#) (BFI) is to agree a framework for future flood risk management that copes more effectively with our changing climate and rising sea level.

The [Broads Biodiversity Partnership](#) seeks to improve biodiversity through a coordinated approach at a landscape scale. The group is hosted by the Broads Authority.

The [Broads Environmental Education Network](#) (BEEN) involves education bodies, charities, businesses and others in improving people's understanding of the Broads, including through the 'Broads Curriculum' online resources for schools.

The **Broads and Norfolk Coast Land Managers Board** manages the local [Farming in Protected Landscapes](#) grant scheme, supporting farmers and land managers to carry out projects that benefit the natural environment, mitigate climate change impacts, provide public access and support nature-friendly, sustainable farm businesses.

The [Broads Local Access Forum](#) is a semi-independent body established under the Countryside and Rights of Way Act. It advises the Broads Authority on improving and promoting access to land within the Broads and adjacent parts of Norfolk and Suffolk.

[Broads Tourism](#) is a forum for local tourism businesses through [Visit the Broads DMO](#). It aims to promote the Broads as a high quality,

'green' visitor destination through quality standards, staff training and clear, coordinated messages that define the area's status and special qualities.

The Broads Executive Area straddles six **District Council** areas: [Broadland](#), [East Suffolk](#), [Great Yarmouth](#), [North Norfolk](#), [Norwich](#) and [South Norfolk](#). The councils provide a range of community services including housing, planning, and waste collection and recycling. The coastal councils are also coastal erosion risk management authorities.

Within the Broads area, the [Environment Agency](#) is responsible for water quality and resources, fisheries, conservation and ecology, the regulation of major industry including waste and the treatment of contaminated land, and for managing flood risk from main rivers, reservoirs, estuaries and the sea.

The [Greater Norwich Development Partnership](#) involves Broadland, Norwich and South Norfolk councils working on a Joint Core Strategy that sets a long-term vision and development objectives for the area. The Broads executive area must be regarded in the Joint Core Strategy.

[Historic England](#) is a public body offering expert advice on heritage issues and promoting the wider conservation of the historic environment. English Heritage, as an independent charity, oversees the National Heritage Collection of historic properties.

[Internal Drainage Boards](#) are independent public bodies responsible for managing water levels in low-lying areas. As the district land drainage authorities, IDBs supervise land drainage and flood defence works on ordinary watercourses.

**Lead Local Flood Authorities** manage the risk of flooding from surface water, groundwater and ordinary watercourses and lead on community recovery. [Norfolk County Council](#) and [Suffolk County Council](#) are LLFAs.



The [National Farmers Union](#) (NFU) champions British agriculture and horticulture, campaigns for a sustainable future for British farmers and provides professional representation and services to its farmer and grower members.

[National Parks England](#) promotes the needs of the country's 10 National Parks. More widely, [National Parks UK](#) looks after the interests of the 15 National Parks in England, Scotland and Wales.

The [National Trust](#) is a charity working to preserve and protect historic places and spaces. It is one of the UK's largest landowners and owner of a large number of heritage properties, including historic houses and gardens, industrial monuments, and social history sites.

[Natural England](#) aims to enhance England's wildlife and landscapes and maximise the benefits they bring to the public. It focuses on agri-environment land management, habitat and landscape conservation, coastal public access and National Trails, and conservation designation.

The [New Anglia Local Enterprise Partnership](#) works with businesses and public sector partners to drive enterprise in Norfolk and Suffolk.

The [Norfolk Biodiversity Partnership](#) has a shared vision for the conservation, enhancement and restoration of the county's biological diversity.

The [Norfolk Coast Partnership](#) and [Suffolk Coast & Heaths AONB Partnership](#) are designated as outstanding landscapes whose distinctive character and natural beauty are so precious that it is in the nation's interest to safeguard them. Part of the Norfolk Coast AONB overlaps with the Broads Authority executive area.

[Norfolk County Council](#) and [Suffolk County Council](#) are responsible for a wide range of public services within their respective counties including social care, public safety, roads and transport, education, environment and waste management. As highway authorities, their responsibilities include public rights of way for the Broads.

The [Norfolk Geodiversity Partnership](#) and **GeoSuffolk** record, conserve and promote appreciation of the local geological and geomorphological diversity.

The [Norfolk Rivers Trust](#) works to restore, protect and enhance the water environments of Norfolk for wildlife and people through conservation, education and advice.

The [Norfolk & Suffolk Broads Charitable Trust](#) (Broads Trust) manages the 'Love the Broads' fundraising initiative and promotes improvements for people who work in, live in and visit the Broads.

The **Norfolk & Suffolk Nature Recovery Partnership** was set up to help deliver the 25-year Environment Plan commitment to create a national Nature Recovery Network of biodiversity-rich places.

[Norfolk Wildlife Trust](#) and [Suffolk Wildlife Trust](#) are charities working to protect and enhance county wildlife and wild places including reserves, and promote environmental education. Norfolk Wildlife Trust is the oldest Wildlife Trust in the country.

More than 90 **parish councils** sit partly within the Broads Authority executive area. The level of government closest to the community, they represent local interests, deliver services to meet local needs and support community life and wellbeing.

The [River Wensum Strategy Partnership](#) delivers projects to enhance the river corridor through Norwich and increase its access and use by the public.

The [RSPB](#) is a nature conservation charity that protects and manages special places for wildlife, save species from extinction and encourages people to experience and help protect wildlife and nature.

[Whitlingham Charitable Trust](#) was set up in 1988 to manage Whitlingham Country Park, a gateway to the Broads, as an open place where the public can enjoy quiet pursuits in a rural environment.

## Appendix B: Abbreviations

**Table 9**

Abbreviations used in Broads Plan

Abbreviation	Meaning
AINA	Association of Inland Navigation Authorities
AIP / GIP	Access Improvement Plan/ Green Infrastructure Plan
AONB	Area of Outstanding Natural Beauty
AW / ESW	Anglian Water / Essex & Suffolk Water
BA	Broads Authority
BBP	Broads Biodiversity Partnership
BC	British Canoeing
BCP	Broadland Catchment Partnership
BEEN	Broads Environmental Education Network
BEIS / BIS	Dept. for Business, Energy & Industrial Strategy / Dept for Business, Innovation & Skills
BFI	Broadland Futures Initiative
BHBF	Broads Hire Boat Federation
BLAF	Broads Local Access Forum
BLMB	Broads Land Management Board
BMF	British Marine Federation
BRASCA	Broads Reed and Sedge Cutters Association
BRCP	Broadland Rivers Catchment Plan
Broads BWS	Broads Biodiversity and Water Strategy
Broads CCAP	Broads Climate Change Action Plan
Broads ES	Broads Education Strategy
Broads IAS	Broads Integrated Access Strategy
Broads LCAP	Broads Landscape Character Assessment Plan
Broads LPS	Broads Landscape Partnership Scheme
Broads STS	Broads Sustainable Tourism Strategy
Broads VS	Broads Volunteer Strategy
Broads WMS	Broads Water Management Strategy
BSS	Boat Safety Scheme
BT	Broads Tourism
CAA	Conservation Area Appraisal
CAMS	Catchment Abstraction Management Strategy
CANAPE	Creating a New Approach to Peatland Ecosystems
CFE	Campaign for the Farmed Environment
CFMP	Catchment Flood Management Plan
CS	Countryside Stewardship
CSF	Catchment Sensitive Farming
DMO	Destination Management Organisation
DWWP	Diffuse Water Pollution Plans
EA	Environment Agency
ELMS	Environmental Land Management Schemes
EtB	Electrifying the Broads
EVS/AFS	Electric Vehicle and Alternative Fuels Strategies
FE	Further Education
FiPL	Farming in Protected Landscapes
FRMP / FRMS	Flood Risk Management Plan / Flood Risk Management Strategy
FWAG	Farming & Wildlife Advisory Group
GG	Generation Green
GI-RAMS	Green Infrastructure / Recreational Disturbance Avoidance Mitigation Strategies

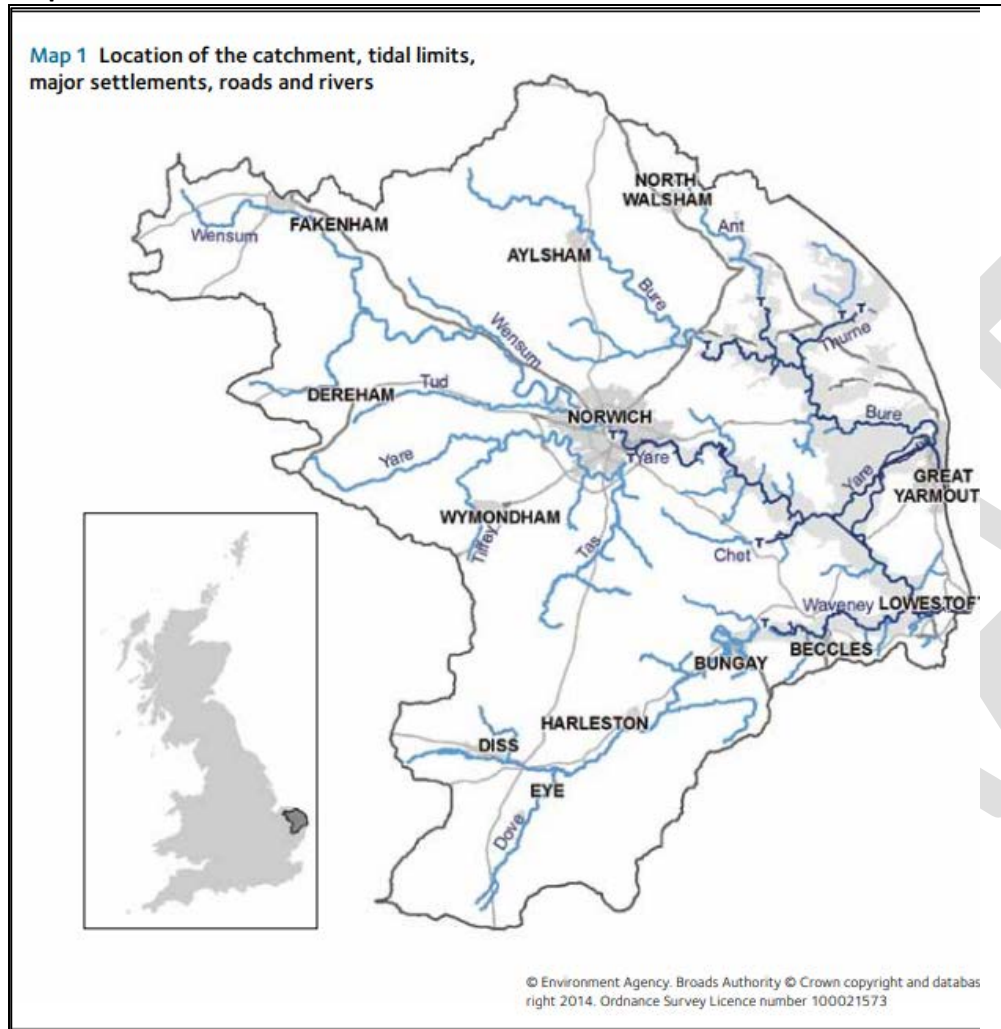
Abbreviation	Meaning
HBO	Hire Boat Operators
HE	Historic England
HHT	How Hill Trust
HLF	Heritage Lottery Fund
IDB	Internal Drainage Board
LA/ LPA	Local Authority / Local Planning Authority
LLFA	Lead Local Flood Authorities
LNR	Local Nature Recovery
MMO	Marine Management Organisation
N&SNRP	Norfolk and Suffolk Nature Recovery Partnership
NA LEP	New Anglia Local Enterprise Partnership
NAT	Norfolk Archaeological Trust
NBIS	Norfolk Biodiversity Information Service
NBP	Norfolk Biodiversity Partnership
NC / SC	Norfolk Constabulary / Suffolk Constabulary
NCC / SCC	Norfolk County Council / Suffolk County Council
NCPGS	Nature for Climate Peatland Grant Scheme
NE	Natural England
NGO	Non-Governmental Organisation
NGP	Norfolk Geodiversity Partnership
NLHF LPS	National Lottery Heritage Fund Landscape Partnership Scheme
NNNSI / INNS	Norfolk Non-Native Species Initiative / Invasive non-native species
NP / NPA	National Park / National Park Authority
NPE	National Parks England
NPP	National Parks Partnership
NR	Network Rail
NRT	Norfolk Rivers Trust
NSNRP	Norfolk & Suffolk Nature Recovery Partnership
NSPG	Norfolk Strategic Planners Group
NWSF	Norfolk Water Safety Forum
NWT	Norfolk Wildlife Trust
PMSC	Port Marine Safety Code
RSPB	Royal Society for the Protection of Birds
RWSP	River Wensum Strategy Partnership
RWT	River Waveney Trust
SAC	Special Area of Conservation
SFRA	Strategic Flood Risk Assessment
SMP	Shoreline Management Plan
SSSI	Site of Special Scientific Interest
SWMP	Surface Water Management Plan
SWT	Suffolk Wildlife Trust
TBs	Tourism businesses
TCV	The Conservation Volunteers
UKPN	UK Power Networks
VN	Voluntary Norfolk
WCO	Wildlife, heritage and conservation bodies
WCT	Whitlingham Charitable Trust
WFD	Water Framework Directive
WMM	Water, Mills & Marshes project
WSF	Water Sensitive Farming

## Appendix C: Maps

**Map 1** Broads Authority executive area



**Map 2** Broadland Rivers Catchment



**Map 3** Water space, Broads Authority executive area

