

Annual Report 2019-20



Broads
Authority

INTRODUCTION



Understanding, looking after and caring for

Promoting understanding is one of the Broads Authority's three main purposes – we have a responsibility to promote understanding and enjoyment of the special qualities of the Broads by the public. But promoting understanding obviously has a much wider meaning – for the Broads and the world beyond. The Authority promotes understanding of all aspects of the Broads, whether it be as a great place for boating, wildlife, to live, to volunteer, to work, to learn or for enjoying the countryside in a myriad of ways.

It's also our responsibility to contribute to promoting understanding of the importance of caring for the environment in a wider sense throughout the world. This is especially relevant to the final part of the period

of this report, March 2020, as well as looking ahead to 2020/21 and onwards. Respecting nature and the environment and playing our part in ensuring that these concerns remain at the forefront in the local, regional, national, international and world contexts must be central to all we do. Looking after and caring for nature and the environment looks after and cares for us all – we are all part of the whole.

At the very local level and as Whitlingham Country Park enters its next phase, this is also a timely opportunity to celebrate the Broads Authority's 25-year association with Whitlingham and its country park, and the contribution made to promoting understanding and enjoyment of Whitlingham and the Broads, nature and the environment amongst the many visitors, including local people, those on holiday, school groups, sports enthusiasts, volunteers and many others. We wish Whitlingham Charitable Trust every success in continuing to promote this vital understanding.

For details about our projects please go to broads-authority.gov.uk or see our contact details right.

Get involved

If you'd like to get involved, go to broads-authority.gov.uk/about-us/how-we-work/broads-engage

Keep in touch

For regular updates on our work you can read Broads Briefing, our monthly online newsletter. To subscribe, go to broads-authority.gov.uk/news/monthly-newsletter

If you'd like regular news about places to visit and things to do, you can also sign up for our Visit the Broads National Park newsletter by going to VisitTheBroads.co.uk/newsletter

We look forward to hearing from you.



Bill Dickson
Chairman



John Packman
Chief Executive

Front Cover: Coot in Penguin Dyke by Glyn Brewerton – one of the works produced as part of Mapping the Broads, a project for Water, Mills & Marshes. Three illustrators, all lecturers at Norwich University of the Arts, exhibited work from the project at the university's East Gallery in early spring 2020, responding to their experience of the landscape and its inhabitants. Read more about Water, Mills & Marshes on page four.



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Working with the community



The Broads in your pocket

Visit The Broads, the well-established partnership between the Broads

Authority and tourism

businesses throughout the Broads, continues to enable us all to work collectively to benefit visitors, providing activities and services that it would be impossible to provide individually.

The scale of projects such as the Broads Village display area at the Norfolk Show 2019 are only achieved through this partnership working, enabling visitors to discover a vast range of Broads projects and facilities.

Production of the second edition of the Visit the Broads pocket guide progressed through autumn and winter 2019/20, and the publication (also available online) enabled many visitors to make the most of the Broads. It also supported businesses through the uncertain times of the 2020 season.

VisitTheBroads.co.uk

Landscape into art

Many of the Water, Mills & Marshes projects involve the visual and performing arts. All are encouraging people to look at the Broads landscape, understand it and enjoy it.



Some projects are presented by artists for others, while there are also projects to help people make their own art.

The Burgh Castle Almanac was a two-year archaeology, creativity and well-being programme, which aimed to help people with mental health problems in the Great Yarmouth and Lowestoft areas through engagement

with the Roman fort, Burgh Castle. The project was run by the Restoration Trust and others. The trust provides culture therapy by helping people to engage with heritage and art. Participants explored the history and landscape of the site, recording their sensory perceptions of the ruins. The group also created original work that interprets

and reflects on their experiences through photography, audio and video recordings, and writing.

watermillsandmarshes.org.uk
youtube.com/watch?v=I9_K5og2sQk

Above: Happy times at the Roman fort for the Burgh Castle Almanac group

In summer 2019, the photographer Julian Claxton held an exhibition of his work at Skipplings Gallery in Great Yarmouth, the first part of his social photographic Portrait project. It was a great opportunity to present a Water, Mills & Marshes event in a key town within the project area.

There were portraits of people involved with local activities such as boating and reed cutting, and others of people selected for their personal stories, including some for whom the Broads and surrounding area represented a



Every picture tells a story

new home. The photographer provided texts with much inspiring biographical detail about each person featured in the exhibition.

Left: Ivan at Belton Black Mill – he farms in the Broads near Belton

Bottom Left: Salima, Musimlwia, Gaston, Eto and Esther are originally from the Democratic Republic of the Congo – they have been living in Norwich for 10 years

Bottom Centre: Wally Mason, reed cutter, pictured on Haddiscoe Island

Below: John Nobbs, stoker, on the Lydia Eva steam drifter at Great Yarmouth



Promoting the Broads



Broads voices

The Broads Authority was delighted to be offered eight historical audio recordings for use on our website. The recordings are from the personal collection of David Cleveland, former director of the East Anglian Film Archive, who worked with the Authority on many Broads archive film projects. All but one of the recordings were made by him. They include Joyce Lambert, the scientist whose research confirmed that the broads were man-made and Ted Ellis, naturalist, writer and broadcaster, together with wherryman and other Broads people.

As well as being of great general interest, the recordings provide a valuable resource for the history section of the Broads Curriculum.

broads-authority.gov.uk/about-the-broads/people/broads-voices

NationalParks.uk

The work of branding and marketing the UK national parks has expanded over the period of this report, thanks to the work of the team established for this purpose. The two members of staff are based within the Broads Authority's communications team and are managed by the Authority's Head of Communications on behalf of all the national parks. Projects have included working on National Parks Fortnight, the development of a new website and transforming joint social media activity for the parks.



A concise printed guide to promote their role has also been produced, encouraging all with an interest in the branding and marketing of the parks to get in touch with the team. The guide includes some key messages about the parks – we value inspiration, connection, balance and diversity, we are national but also local, we are

extensive in total area but also small in terms of communities, the parks are for everyone, individuals as well as groups, we are interested in projects and events of whatever magnitude, we offer expertise in many areas and the chance to feel connected with nature and, above all perhaps, we care, and our shared purpose is to inspire everybody to care.

Signs of the Broads

The Broads Authority has had a long-standing aim to create a more welcoming feeling for visitors arriving in the Broads and to create a stronger identity for the area as a national park.

Road signs are a very effective way of doing this for visitors, including those embarking on a boating holiday but arriving by road.

Parish councils in key areas and on main approach roads were consulted on the scheme and the majority were keen to go ahead with the project to install signs, recognising that they



would benefit visitors and local people, further promoting the Broads as a national park destination.

Broads National Park signs have been erected in 19 parishes and the Authority plans to continue the programme.

Through the Community Rail Partnership we have also placed station platform signs featuring the Broads National Park at nine stations on the Bittern and Wherry lines.

Above: Platform sign at Acle Railway Station
Below: Road sign for the national park

Top Left: Ted Ellis; Joyce Lambert





Wherry games

A series of engaging games based on the activities of trading wherries and pleasure wherries has been produced as part of the Broads Curriculum history resources. The project was managed by the Broads Authority's communications team, with the involvement of an environmental education consultant and a freelance designer, and was funded by the Norfolk and Suffolk Broads Charitable Trust through a Heritage Lottery grant.

Reproduced on paper, but in the style of traditional board games, one side offers two versions of a game based on trading wherries, while the other offers two versions of a game based on holidays

aboard pleasure wherries and wherry yachts. Players race each other to deliver their cargo or compete to visit all the attractions of the Broads. Along the way, the games introduce players to the history of wherries and their importance for the Broads, and introduce more general aspects of the history and geography of the Broads National Park.

The games will be available to schools and through the Broads Environmental Education Network. Further wherry education resources are now in production as part of the project.

broadscurriculum.org.uk



The Broads where you are

Plans have continued to make the most of opportunities to take information about the Broads National Park to centres of existing visitor activity. Particular progress has been made with the work focusing on visitor centres, with plans likely to be implemented further later in 2020/21.

The tourist information centre at The Forum in Norwich will be reconfigured to allow for a prominent Broads National Park presence, including Broads Authority information centre staff working with Norwich City Council staff. Plans were developed for a self-service Broads information point in a room set

aside for the purpose at Lowestoft Railway Station (since the period of this report, the point has opened to the public) and plans are also under way for a national park presence at Suffolk Wildlife Trust's prestigious new visitor centre at Carlton Marshes. All three sites will make a major contribution to consolidating the Authority's promotional activities in the Southern Broads.

Following our withdrawal from Whitlingham Country Park, plans were completed to move the Ra solar boat trip from Whitlingham to Barton Broad for the latter part of the 2020 visitor season.

The view from the air

The Broads Authority is fortunate in having its own drone and a member of staff who has qualified as a drone pilot. This has enabled the Authority to document many projects with aerial film, and to produce material to promote the Broads to visitors at our information centres and online. A major current and continuing project is the documenting of the progress of the dredging and other environmental works taking place at Hickling Broad as part of the CANAPE project.

You can read more about CANAPE on page 10 and at northsearegion.eu/canape



Above: Ready to play Wherry Races

Top Right: Find out about the Broads at Lowestoft Tourist Information Centre

Conserving the Broads



Broads restoration

The Broads Authority is a partner in projects to restore fen habitat and improve water quality in the Ant and Bure river valleys.

In the Ant valley, a major part of the focus is on fen plants, including rare orchids. We are working on the Authority's own site, How Hill National Nature Reserve and with the RSPB (Sutton Fen), Butterfly Conservation (Catfield Fen) and Norfolk Wildlife Trust (Barton Fen).

At How Hill we are creating conditions for rare plant communities to thrive

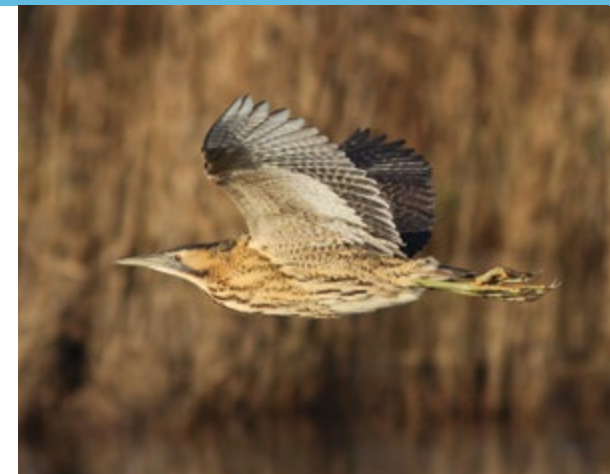


and we are restoring dykes that have grown over with reed to create places for bittern to feed on fish and amphibians. Digging out scrapes, or lower areas, to fill with water and create more interesting places for plants, invertebrates and birds on the marsh areas is a key part of the project. At How Hill's Reedham Marsh we will be isolating a turf pond from the poorer quality river water to improve open water habitat for invertebrates, such as dragonflies and diving beetles.

We also participated in Norfolk Wildlife Trust's Tipping the Balance project to restore clear water and allow rare water plants, such as holly-leaved naiad, to return to Barton Broad (Ant valley) and

Ranworth Broad (Bure valley), building on our pioneering work dating back decades.

We used an ecological model called PCLake to predict how effective future lake restoration measures for Barton and Ranworth Broads could be, by discovering the critical nutrient levels necessary for recovery of the broads and aquatic species. This took place at a workshop with some of the UK's leading lake scientists. We are using the results alongside the Environment Agency and Natural England's assessment of diffuse water pollution. Together this information will enable us to plan the future investment required to support the recovery of the shallow lakes.



The projects have received funding from the European Agricultural Fund for Rural Development and Biffa Award.

broads-authority.gov.uk/looking-after/projects/ant-broads-and-marshes-sssi-restoration

norfolkwildlifetrust.org.uk/tippingthebalance

Above Left: Crystal-clear, dark blue water is created in Barton Broad by fish-free areas, where water fleas naturally eat the green algae

Above Centre: Amphibious machine cutting and clearing plants at Reedham Water at How Hill to create habitat attractive to bitterns

Above: Bittern

Left: Fen orchid – one of the 66 species relying almost entirely on the Broads National Park for its survival in the UK

Broadland Futures Initiative

This partnership is working towards future flood risk management in the Broads, to cope with our changing climate and rising sea level. The Environment Agency is leading the project, working with Natural England, the county and district councils, the internal drainage boards, the Broads Authority, the National Farmers' Union and voluntary bodies. Collectively, we are investigating the sources and nature of flood risk – we need to consider coastal processes and sea flooding, as well as flood risk from surface water and rivers.

In summer 2019 we carried out an online community stakeholder survey. We learnt that a huge number of respondents felt that residential properties, businesses, infrastructure and wildlife habitats were the most crucial things to protect. Other important features included roads and railways, farming and agricultural land, footpaths and bridleways, boating facilities and water-based recreation, all of which were deemed high on the agenda to protect. We also gained



Climate emergency!

The Broads Authority has adopted a climate emergency statement and has pledged to be carbon neutral in its own activities by 2030.

The Authority is continuing to replace petrol and diesel road vehicles with electric vehicles, and moving to hybrid and all-electric launches for our rangers.

All our trip boats are electric-powered and include the UK's first solar-powered passenger boat. Electric boats pay lower tolls than other powered craft and we have a network of electric charging points throughout the Broads, which expands each year.

We have carried out a full audit of the sources of greenhouse gases within the

Broads Authority. The work started in 2019 and was completed early in 2020. It gives us a baseline from which to work towards our carbon neutral target.

broads-authority.gov.uk/looking-after/climate-change/cutting-the-broads-carbon-footprint

Above: Ranger launches will become more environmentally sustainable

information on views around the potential impacts of flooding and which impacts caused most concern. Many people were most concerned by potential damage to property, road closures, saltwater intrusion, sewage pollution and wildlife habitat destruction.



As well as raising awareness with our stakeholder groups, we are drafting and reviewing materials and study reports as part of the initial stages of our work.

broadland-futures.org.uk

Left: Read all about it – in the Broadland Futures Initiative Progress Newsletter



CANAPE comes alive

Engaging with the widest possible audience is a major part of CANAPE (Creating A New Approach to Peatland Ecosystems). The project is restoring wetlands and developing wetland agriculture, and needs support and involvement from all levels of government, from scientists, farmers, landowners, conservation organisations and many others.

In summer 2019 CANAPE formed a major part of the Broads Authority presence at the annual Norfolk Show, one of our largest local events,



with its roots in farming. Visitors were introduced to the project, including a portable biochar burner, which produces sustainable charcoal and biochar with lower CO₂ emissions than traditional production, using wood and reed from managing habitats, offering a new source of income. The burner has been trialled by five businesses, with charcoal sales in 2020.

Working with the How Hill Trust, which runs the environmental study centre for the Broads, is another opportunity for the Authority to engage with the wider public. At their family fun days in summer 2019, CANAPE allowed visitors to find out about the delights of peat, digging down with a corer to discover the history below the surface of the Broads marshes.

CANAPE is also offering opportunities for high school students to get involved in a peat coring project that is helping create new maps of the peat beneath our feet. Coring through peat

deposited over thousands of years will tell us how much carbon is stored in the Broads, while also providing educational opportunities. The students' data is being used by scientists from Queen Mary University London to map where farmers and land managers could help reach net zero carbon emissions by 2040, the aspiration set by the National Farmers' Union.

northsearegion.eu/canape

CANAPE at Hickling

Hickling Broad, owned by Norfolk Wildlife Trust, is the wetland site that the Broads Authority is restoring as part of the CANAPE project, bringing benefits to the landscape, wildlife and visitors.

A hectare of reedbed is being restored on the south-west edge of the broad, based on aerial photos from 1946, with an adjacent still water refuge area for water birds. A total of 19,000m³ of sediment will be dredged from the marked navigation channel in the broad and nearby Catfield Dyke. Geotextile tubes have been used to create a barrier outline of the reedbed, with this part



of the work completed in April 2019. Filling of the barrier with sediment started in November, in preparation for planting with reed. By spring 2020, 15,000m³ of sediment had been dredged.

Overall, by restoring wetlands and developing wetland agriculture in order to make them economically sustainable, CANAPE is reducing CO₂ emissions. Drained wetland releases large amounts of CO₂, but raising water levels again stops this release. The project continues until 2022.

northsearegion.eu/canape

Above: Restoration work at Hickling Broad, with the refuge area Chara Bay on the left

Top Left: Visitors at the Norfolk Show find out about sustainable Broads charcoal

Left: Digging deep for answers with a peat corer

Valuable volunteers

11



Access for all to love the Broads

Love the Broads, set up by the Norfolk and Suffolk Broads Charitable Trust, provides funds for projects that enhance the Broads National Park and enable more people to enjoy this beautiful and fragile wetland.

Tourism businesses and their customers provide voluntary help through donations. Grants have been awarded to projects concerned with conservation, education, recreation and access for all.

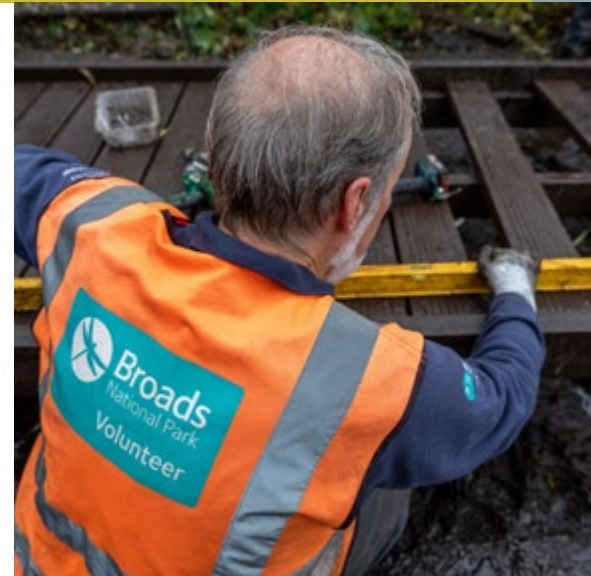
One key award in March 2020 was to the Museum of the Broads, to improve

facilities related to the museum's new accessible boat, an electric launch called the Marsh Harrier, which offers trips along the River Ant to Barton Broad.

The grant will provide an electric charging system on the boat (rather than relying on a previously existing system) which will enable the wheelchair lift to be used without detriment to the normal running of the boat, providing better access for all. The new system will be charged using electricity generated by the museum's own solar panels.

lovethebroads.org.uk

Above: Marsh Harrier, the new easy access boat



Making things possible

That's what the Broads Authority's volunteers do! Many projects just wouldn't be possible without them, and the Authority as a whole and the individual staff who work with them are all extremely grateful.

The figure for volunteer days submitted to the Department for Environment, Food and Rural Affairs for 2019/20 was 2,507, amounting to £193,039 in economic value. Our ranger volunteers are the largest group but volunteers work within all our activities and in all areas of the Broads.

One group is our practical volunteers. They bring an abundance of skills and experience, and enjoy an interesting mix of projects on offer from construction and maintenance to countryside management and footpath work. They could be painting a visitor centre one day and helping with work to protect water voles the next. Checking our herd of grazing ponies, dealing with sunken vessels

and cutting down trees are all in a day's work for them too.

Another group, our education volunteers, helped deliver almost 2,000 contact days with students from over 80 school visits. As well as education about the Broads, volunteers' work can involve counselling, inspiring, encouraging, listening and being enormously positive role models for the diverse and sometimes challenging children and young people with whom we work.

broads-authority.gov.uk/looking-after/how-you-can-help/volunteering

Above: Building a boardwalk

Practical works

Take five

In autumn 2019 the Broads Authority welcomed five new apprentices.

The Authority has a well-established apprenticeship scheme, run in conjunction with Easton & Otley College, which has enabled many young people to gain a National Vocational Qualification in Environmental Conservation and to prepare for work in a wide range of organisations such as country parks, areas of outstanding natural beauty and national parks. The scheme includes habitat and site management, and use of equipment and products such as chainsaws, brush cutters and herbicides, as well as first aid and powerboat training. Improving communication skills and building confidence are also important aspects of the programme. Projects for the three current recruits have included working on replacing Hoveton boardwalk, scrub management at fen sites, improving the barn at Buttle Marsh and installing gates and fencing at Irstead.

Two apprentices also joined us through the Water, Mills & Marshes scheme, which is providing Heritage Skills

Apprenticeships in partnership with City College Norwich. The bricklaying, and carpentry and joinery apprentices are contributing to restoration of the historic drainage mills in the Broads. Work was carried out at Six Mile House Mill and Strumpshaw Engine House. The work included making doors and windows and their frames, stairs and ladders, joist and floor repairs, and brickwork repairs, including lime repointing and repairs. Many of the mills are in need of restoration within the next 10 years or they could be lost forever.

In February 2020 we held a very successful Environmental Apprenticeship Open Day at Whitlingham Country Park, which provided a great opportunity for young people to find out more about apprenticeships and have a go at some practical conservation work. There were also enquiries about future opportunities, so demand looks good for some time ahead.

However, unfortunately, due to the impacts of COVID-19, our Environmental Conservation apprenticeship scheme will not be



Above and Above Right: Environmental Conservation apprentices

running during the 2020/21 academic year. We hope to resume the scheme from September 2021 and move to a new framework for assessment.

In March 2020 our Ranger apprentice concluded two years of hard work and valuable training. We are very grateful

for the contribution made by the apprentices to caring for the Broads and we wish them all very well for the future.

For updates go to broads-authority.gov.uk/careers/apprenticeships

What lies beneath?

The Broads is a special place for amazing water plants, with fish swimming in the underwater world and birds eating this now plentiful resource of plants. However, the plants do need managing. The Broads Authority has to cut some annually in order to keep channels open and keep boats moving smoothly.

As part of its duty to manage the navigation, the Authority works to provide clear access along the main rivers and in the marked channels through the open broads. The cutting depth can reach a maximum of 1.5m below the water surface, which is sufficient for the majority of boats. We work closely with Natural England to balance access for boats with the need



Above: Weed harvester at work

to protect wildlife. Cutting within Sites of Special Scientific Interest requires their consent. The plants are not cut all the way down to the river or broad bed, as keeping a cover of plant growth on the bed and at the edges helps to stabilise sediments and prevent bank erosion. The root systems bind the sediment together and reduce the impact of waves on the banks. As well

as fish and birds benefitting, water plants also provide a fantastic habitat for invertebrates.

The top five plant species that we cut are mare's tail, Nuttall's waterweed, spiked water milfoil, arrowhead and yellow water lily. Thanks to four decades of water quality improvements, we have much more clear water in the rivers and broads – more of the water



Above: Yellow water lily (*Nuphar lutea*)



Above: Arrowhead (*Sagittaria sagittifolia*)

looks blue or clear than a murky green or brown, especially in the spring and early summer. Growth of water plants depends on water clarity, as murky water blocks the light that the plants need to grow. Submerged water plants are a specialised group that exploits the underwater habitat where other plants cannot survive. They have fully submerged leaves and several species

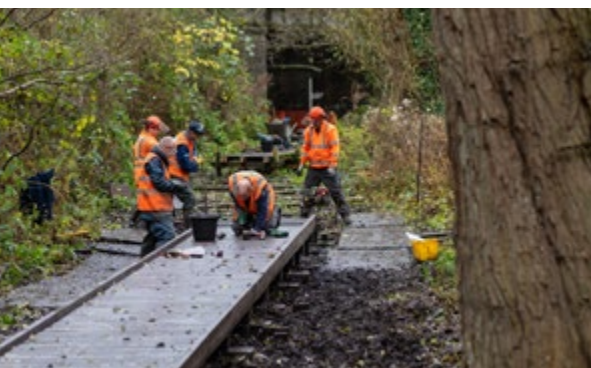
also have floating leaves; some are free-floating without roots.

The main areas we cut are the River Bure from Coltishall Lock to Wroxham, the River Ant from Tyler's Cut to downstream of Wayford Bridge, the River Thurne from Somerton Dyke to Martham Ferry, Waxham Cut, Catfield Dyke, the marked channel in Hickling Broad, the Rivers Wensum and Yare from New Mills to Thorpe River Green, and the River Waveney from Geldeston Lock to Beccles.

We have two weed-cutting vessels. Each has a set of cutting knives attached to a conveyor belt system that collects the cut plant material as the vessel moves through the water. Cut material is usually placed in low heaps on the bank, where it dries out quickly.

In 2019, cutting in the navigable channels with the most vigorous plant growth started as usual in April. Cutting work throughout the Broads was completed by the end of October.

broads-authority.gov.uk/looking-after/managing-land-and-water



Caring for the Broads

The Broads Authority's operations staff are involved in caring for the Broads, its residents and visitors in a multitude of ways – here are just three examples from 2019/20.

The Authority's ecologists monitor Broads wildlife and follow actions to protect and enhance habitats, but in order to do this they also have to work towards controlling non-native species that can have a detrimental effect on indigenous wildlife, often by out-competing it and stopping its growth in certain areas. Work is carried out in conjunction with the Norfolk Non-Native Species Initiative. A key focus in 2019 was the removal of an ornamental water plant, floating pennywort (above), from stretches of the River Waveney, with the removal work carried out by our operations technicians.



Making sure that our facilities for the public are in good order and ready to welcome visitors is another important

Left: Work under way at Hoveton Riverside Park
Above Right: Hoveton Broads Information Centre

area of work for our operations technicians. Starting in November 2019 and finishing in January 2020, they replaced over 70m of boardwalk, which connects Hoveton Riverside Park to our free 24-hour moorings at Hoveton Viaduct. Apprentices and volunteers were also essential to the project's completion.

Our moorings are key areas where our rangers meet, assist and educate Broads users. The rangers are also out patrolling the Broads by land and water, ensuring the safety of all users. In November our members agreed to the purchase and future installation of a pontoon mooring, to provide a new, free 24-hour mooring at Peto's Marsh, giving access to the Angles Way long-distance footpath in the Southern Broads and Suffolk Wildlife Trust's new facilities at Carlton Marshes, opening later in 2020.

broads-authority.gov.uk/looking-after/managing-land-and-water



Staying safe on land and water

During the final part of the period of this report the new Head of Safety Management was principally occupied in researching, implementing and advising on safety measures in response to COVID-19, enabling Broads Authority services to continue as and when appropriate. Key areas were working with the Authority's ranger and other operations services to ensure that boating activities were able to go ahead as soon as restrictions were lifted, and working with the Head of Visitor Services, and information and quay assistants to ensure that our information centres, yacht stations and boat trips were able to open too.

The Port Marine Safety Code requires harbour authorities to base their policies, plans and procedures on a Formal Safety Assessment, and to maintain a Safety Management System (SMS) to control the identified risks to a level as low as reasonably practicable. Our compliance with the code is confirmed until March 2021.

You can find the latest summary report at broads-authority.gov.uk/boating/navigating-the-broads/safety/port-marine-safety-code/safety-monitoring



Engagement

We publish a monthly briefing that now goes to over 1,000 people and is sent to our constituent local authorities, parish councils and partners, as well as Broads

Authority members, staff and volunteers. This provides a vehicle for alerting a wide group with an interest in the Broads to key issues. If you would like to subscribe to it, please see the link on page two.

In October 2019 we held a parish forum at which a major item for discussion was the Government's Landscapes Review: National Parks and Areas of Outstanding Natural Beauty, which looks at Landscapes Alive for Nature and Beauty, Landscapes for Everyone, Living in Landscapes, More Special Places and New Ways of Working. The forum also considered local responses to the climate emergency.

Other public engagement activities include stakeholder workshops on topics ranging from access on land and

water, to biodiversity and planning, and written consultations on our plans and policies.

For more details and to find out how to get involved go to broads-authority.gov.uk/about-us/how-we-work/broads-engage

Ludham and Horning Conservation Areas

Designation as a conservation area is a key way of preserving and enhancing the historic buildings and traditional character of Broads villages. Most of the requirements for conservation area status already apply within the Broads National Park, but parts of many villages fall just outside the national park boundary, so conservation area status can also be very helpful in creating cohesion within communities.

Ludham and Horning are both very attractive and well-loved villages, with their history rooted in their waterside characteristics and their farming hinterland, and both have a long history of welcoming visitors.



The two villages have conservation area status and reappraisals of this status for both villages have been prepared, in line with good practice. Public consultation, particularly with residents, is an important part of reappraisals. A public consultation was carried out for Ludham and following the period of this report, the Ludham Conservation Area reappraisal was confirmed in August 2020. The public consultation on the Horning reappraisal has been



delayed and we will be reviewing how to progress it later in the year.

broads-authority.gov.uk/planning/other-planning-issues/conservation-areas

Above: Ludham street scene and inset, the village's medieval St Catherine's Church

The Broads Authority has a membership of 21. Nine members are appointed by the two county councils and six district councils whose boundaries fall within the Authority's executive area, and 10 members by the Secretary of State. Two members are appointed from the co-opted members of the Navigation Committee.

The July 2020 membership is set out to the right.

There are six meetings every year of the full Authority, supported by four-weekly meetings of the Planning Committee, five meetings of the Navigation Committee and three meetings of the Audit and Risk Committee.

The full Authority is the executive body for decision taking and overseeing all strategic issues. The Planning Committee exercises many of the Authority's powers and duties in relation to planning. The statutory Navigation Committee is a consultative body on navigation issues, while the Audit and Risk Committee reviews the Authority's accounts and ensures that financial planning and risk is managed effectively.

All meetings are open to the public and details of the dates and venues of meetings are available from the Authority's committee staff and on the Authority's website. In 2020 most meetings were held remotely.

The Authority has a public question time scheme for all of its committees, in which members of the public are invited to submit written questions, statements or petitions to the Authority, and to attend the meeting to present these in person.

The Authority has a complaints procedure, which was developed in accordance with advice from the Local Government Ombudsman and the Audit Commission. The procedure is intended to be free from unnecessary bureaucracy and easy to understand, while providing effective remedies. The procedure is aimed at cases where the complainant is not satisfied with an initial explanation and wishes to pursue the matter further. Details are available from the Authority's offices and on the Authority's website.

Norfolk County Council

Mr Vic Thomson
Mr Fran Whymark

Suffolk County Council

Mrs Melanie Vigo di Gallidoro

Broadland District Council

Mrs Lana Hemsall

Great Yarmouth Borough Council

Mr Leslie Mogford

North Norfolk District Council

Mr Harry Blathwayt

Norwich City Council

Mrs Julie Brociek-Coulton (until 16 June 2020)
Ms Gail Harris (from 17 June 2020)

South Norfolk Council

Mr James Knight

East Suffolk Council (formerly Waveney District Council)

Mrs Andrée Gee

Secretary of State for Environment

Mr Kelvin Allen
Mr Louis Baugh (until 31 March 2020)
Mr Stephen Bolt (from 1 April 2020)
Mr Matthew Bradbury
Prof Jacquie Burgess (until 31 March 2020)
Mr Bill Dickson
Mr Tristram Hilborn
Prof Timothy Jickells
Mr Bruce Keith
Mr Greg Munford
Mr Simon Roberts
Mr Matthew Shardlow (from 1 April 2020)

Co-opted from Navigation Committee

Mr Simon Sparrow
Mrs Nicky Talbot

Appointed Members of the Navigation Committee

Mr John Ash
Mrs Linda Aspland
Mr Mike Barnes
Mr Andy Hamilton
Mr Simon Sparrow
Mrs Nicky Talbot
Mr Paul Thomas
Mr Alan Thomson

**Chief Executive, Finance,
Governance and ICT/Tolls****John Packman**
Chief Executive**Emma Krelle**
Chief Financial Officer**Shirmila Venn**
Financial Accountant**Susan Buller**
Senior Finance Assistant**Abbi Hipkin**
Finance Assistant**Maxine Nicholas**
Finance Assistant**Simone Steel**
Finance Assistant (Insurance)**Lynda Yeo**
Finance Assistant (Treasury)**Angie O'Connor**
Asset Officer**Sonja Edgar**
Asset Administrative Assistant**Maria Conti**
Head of Governance**Sandra Beckett**
Administrative Officer**Esmeralda Guds**
Administrative Officer**Sarah Mullarney**
Administrative Officer**Louise Adamson**
Receptionist**Sandra Hodgkinson-Smith**
Receptionist**Robert Organ**
Receptionist**Bill Housden**
Head of ICT /
Collector of Tolls**Steve Linford**
IT Project Officer**Martyn Hutchins**
Senior IT Support Officer**Ian Brown**
IT Support Officer**Robert Organ**
IT Support Technician**Vicky Short**
GIS Officer**Theresa Smith**
Assistant Collector of Tolls**Ruth Adamson**
Tolls Assistant**John Paddison**
Tolls Assistant**Julie Spinks**
Tolls Assistant**Strategic Services****Marie-Pierre Tighe**
Director of Strategic Services**Cally Smith**
Head of Planning**Cheryl Peel**
Senior Planning Officer**Nigel Catherall**
Planning Officer**Jack Ibbotson**
Planning Officer**Calum Pollock**
Planning Assistant**Tony Wilkins**
Planning Officer
(Compliance and Implementation)**Kayleigh Judson**
Planning Officer (Heritage)**Natalie Beal**
Planning Policy Officer**Tom Carter**
Planning Technical Support Officer**Jo Eames**
Administrative Officer (Planning)**Jackie Dent**
Historical Files Scanning Assistant**Kate Knights**
Historic Environment Manager**Andrea Kelly**
Environment Policy Advisor**Neil Punchard**
Broadland Catchment
Partnership Officer**Harry Mach**
Carbon Reduction
Project Manager**Lucy Pointer**
Head of Human Resources**Will Dougal**
HR and Payroll Coordinator**Lottie Carlton**
Volunteers Coordinator**Fiona Edwards**
Administrative Officer
(Volunteers)**Rob Leigh**
Head of Communications**Karen Sayer**
Design and Information Supervisor**Tom Barrett**
Communications Officer
(Graphic Design)**Jess Tunstall**
Communications Officer
(Information)**Tom Waterfall**
Senior Communications Officer**Laura Middleton**
Communications Officer
(Media and PR)**Nick Sanderson**
Education Officer**Sam Bates**
Visitor Services Supervisor**Maureen Bird**
Information Assistant**Dawn Coleman**
Information Assistant**Mark Danson-Hatcher**
Information Assistant**Jane Delaney**
Information Assistant**David Frost**
Information Assistant**Ron Harrison**
Information Assistant**Brian Jarvis**
Information Assistant**Robin Jeffries**
Information Assistant**Mark Mobbs**
Information Assistant**Ted Moore**
Information Assistant**Max Phillips**
Information Assistant**Bren Russell-Wells**
Information Assistant**Mick Sanderson**
Information Assistant**Mike Spire**
Information Assistant**Nathan Betts**
Quay Assistant**Gary Cotton**
Quay Assistant**Rob Ford**
Quay Assistant**Gerard Gibson**
Quay Assistant**Christon Iliffe**
Quay Assistant**David Jones**
Quay Assistant**Duncan Moore**
Quay Assistant**Dave Paddick**
Quay Assistant**Mark Webster**
Quay Assistant*continued on next page*

Operations

Rob Rogers
Director of Operations

Dan Hoare
Head of Construction,
Maintenance, Environment
and Ecology

Timmy Lamb
Construction Supervisor

Mark Bell
Senior Operations Technician

Ricky Cates
Senior Operations Technician

Dougie Martin
Senior Operations Technician

Kevin Roll
Senior Operations Technician

Richard Smith
Senior Operations Technician

Wayne Collins
Operations Technician

Darren De Block
Operations Technician

Steve Green
Operations Technician

Eddie Nichols
Operations Technician

Sam Youngs
Operations Technician

Matt Dane
Maintenance Supervisor

Simon Bunting
Senior Operations Technician

Dave Goodhand
Senior Operations Technician

Phil Heath
Senior Operations Technician

Mark Rudrum
Senior Operations Technician

Ady Stevens
Senior Operations Technician

James Watts
Senior Operations Technician

Neil Brewster
Operations Technician

Malcolm Farrow
Operations Technician

Jack Kean
Operations Technician

Wyn Purdy
Operations Technician

Shaun Taylor
Operations Technician

Eloise Dey
Practical Environment and
Conservation Apprentice

Emily Leonard
Practical Environment and
Conservation Apprentice

Becky Rimmer
Practical Environment and
Conservation Apprentice

Robert Clarke
Plant and Equipment Supervisor

Simon Shorten
Senior Operations Fitter

Chris Glasel
Operations Fitter

Matthew Hicks
Operations Fitter

Kevin Wells
Operations Fitter

Sue Stephenson
Ecology and
Design Supervisor

Adrian Sewell
Rivers Engineer

Erica Murray
Senior Ecologist

Jonathan Cook
Ecologist

Emma Harris
Ecologist

Abigail Leach
Ecologist

Hannah Southon
Ecologist

Lewis Treloar
Waterways and Recreation Officer

Tony Risebrow
Hire Boat Licensing Officer

Lucy Burchnall
Head of Ranger Services

Andy Ellson
Senior Ranger

Chris Morphew
Senior Ranger

Andy Bartlett
Ranger

Howard Constantine
Ranger

Andy Cullum
Ranger

Keith Griffin
Ranger

Colin Hart
Ranger

Adam Hick
Ranger

Rich Keeble
Ranger

Tobi Radcliffe
Ranger

Clive Rushworth
Ranger

Maxine Willoughby
Ranger

Peter Worrall
Ranger

Alice Bushell
Ranger – Summer Seasonal

Martin Chapman
Ranger – Summer Seasonal

Stephen Fairbrass
Ranger – Summer Seasonal

Jon Hopes
Ranger – Summer Seasonal

Matt Larkman
Ranger – Summer Seasonal

John Ragan
Ranger – Summer Seasonal

Jon Hopes
Ranger – Winter Weekend
Seasonal

Dave Paddick
Ranger – Winter Weekend
Seasonal

Alexander Deane
Ranger – Apprentice

Nicola Jones
Broads Control Officer

Vacancy
Broads Control Officer

Linda Ibbitson-Elks
Head of Safety Management

Sonja Edgar
Administrative Officer (Operations)

Laura Milner
Administrative Officer (Operations)

Karen Tyrrell
Administrative Officer (Operations)

Andrew Farrell
Broads Landscape Partnership
Programme Manager

Anna Collingbourne
Water, Mills and Marshes
Project Officer

Ella Meecham
Water, Mills and Marshes
Project Officer

Brandon Jarvis
Water, Mills and Marshes
Bricklayer Apprentice

Tom Allen
Water, Mills and Marshes
Carpenter Apprentice

REVENUE ACCOUNTS FOR THE YEAR ENDED 31 MARCH 2020

A summary of the Broads Authority's consolidated income and expenditure for 2019/20 is set out below.

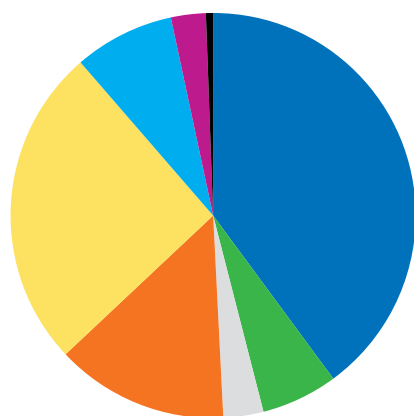
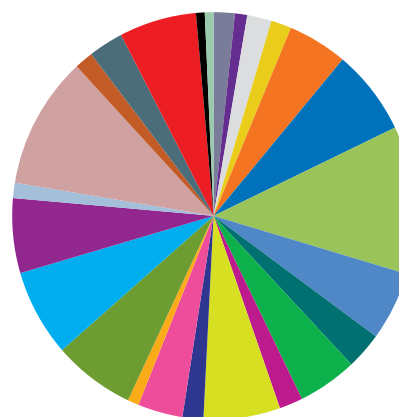
National Park Grant is awarded to the Authority in recognition of the Authority's status equivalent to that of a national park. It is spent on matters relating to conservation, planning, recreation, and information and design. The level of National Park Grant has slightly increased from that received in 2016/17 following a four-year settlement from Defra. The four-year settlement sees a protection in real terms until 2019/20.

Navigation activity is self-financing from tolls paid by users of the Broads waterways.

Although the Broads Authority Act 2009 removed the statutory requirement to maintain separate general and navigation revenue accounts, there is

still a requirement to prepare a report at the end of each financial year describing the navigation income received by the Authority and the navigation expenditure incurred during the year. A copy of this report is available on the Authority's website.

The Authority is required to prepare a full and detailed Statement of Accounts in accordance with guidelines issued by the Chartered Institute of Public Finance and Accountancy (CIPFA). These accounts are scrutinised by the Authority's External Auditors and are made available for public inspection. The audit has been completed for 2019/20 and the approved Statement of Accounts can be viewed on the Authority's website or can be obtained from the Chief Financial Officer, Broads Authority, Yare House, 62-64 Thorpe Road, Norwich NR1 1RY.



Income	£'000
● National Park Grant (Defra)	3,414.1
● National Lottery Heritage Fund Grant - Water, Mills & Marshes Delivery phase	522.5
● ERDF* Grant - CANAPE	274.0
● Tolls from hire craft	1,180.0
● Tolls from private craft	2,195.2
● Other National Park income	685.2
● Other Navigation income	237.8
● Interest	49.0
TOTAL INCOME	8,557.8

*European Regional Development Fund

Expenditure	£'000
● Asset management	144.8
● Biodiversity strategy	83.2
● ERDF* - CANAPE	166.8
● Collection of tolls	138.7
● Communications (including education, events, design and interpretation, tourism and UK Communications Team)	406.8
● Development management	577.3
● Dredging	997.2
● Equipment, vehicles and vessels	465.1
● Fen and tree management	248.2
● Finance (including insurance)	404.9
● Governance	160.3
● National Lottery Heritage Fund - Water, Mills & Marshes Delivery phase	522.5
● Human resources	142.2
● ICT	306.6
● Legal services	76.5
● Management and other costs	557.6
● Practical maintenance	587.5
● Premises and property management	503.6
● Projects	102.9
● Ranger services	892.2
● Safety	126.7
● Strategy (including strategy and projects, Broads Plan, cultural heritage, climate change and test & trials)	238.1
● Visitor services (including boat trips and yacht stations)	526.7
● Volunteers	59.3
● Waterways strategy	59.3
TOTAL EXPENDITURE	8,495.0

Contribution to reserves 62.8

Broads information centres

Hoveton/Wroxham

Station Road

01603 756097

hovetontic@broads-authority.gov.uk

How Hill

Ludham

01603 756096

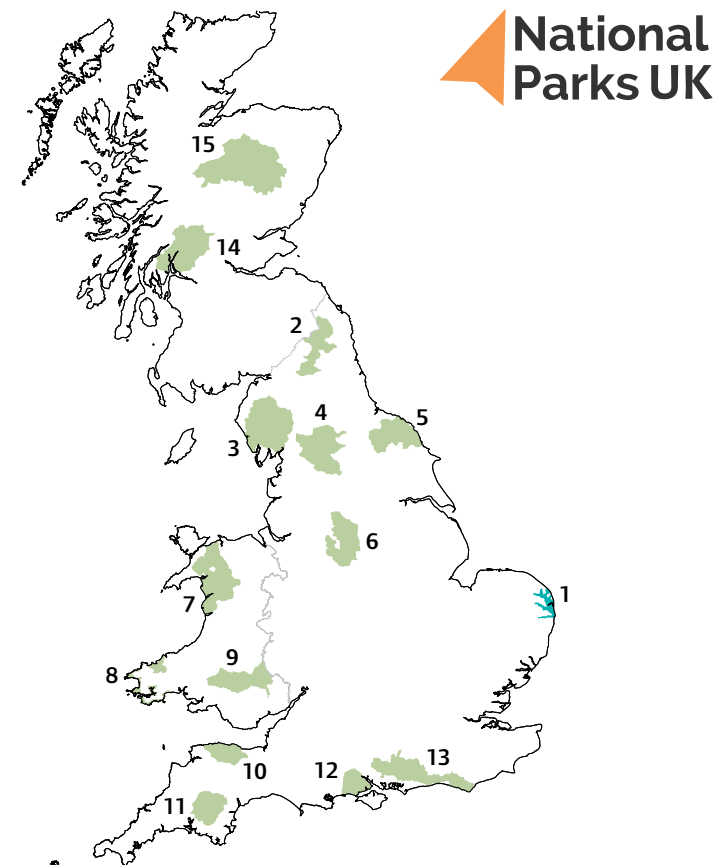
toadholetic@broads-authority.gov.uk

For a large print copy please
telephone 01603 610734

Text: Jess Tunstall

Design: Gary Short, Karen Sayer

Photos: Tom Barrett, Julian Claxton, Matt Dane,
Jackie Dent, Eastern Daily Press, Museum of the
Broads, Mike Page, Karen Sayer, Bill Smith



UK National Park family

- | | |
|-----------------------|----------------------------------|
| 1 Broads | 9 Brecon Beacons |
| 2 Northumberland | 10 Exmoor |
| 3 Lake District | 11 Dartmoor |
| 4 Yorkshire Dales | 12 New Forest |
| 5 North York Moors | 13 South Downs |
| 6 Peak District | 14 Loch Lomond and The Trossachs |
| 7 Snowdonia | 15 Cairngorms |
| 8 Pembrokeshire Coast | |