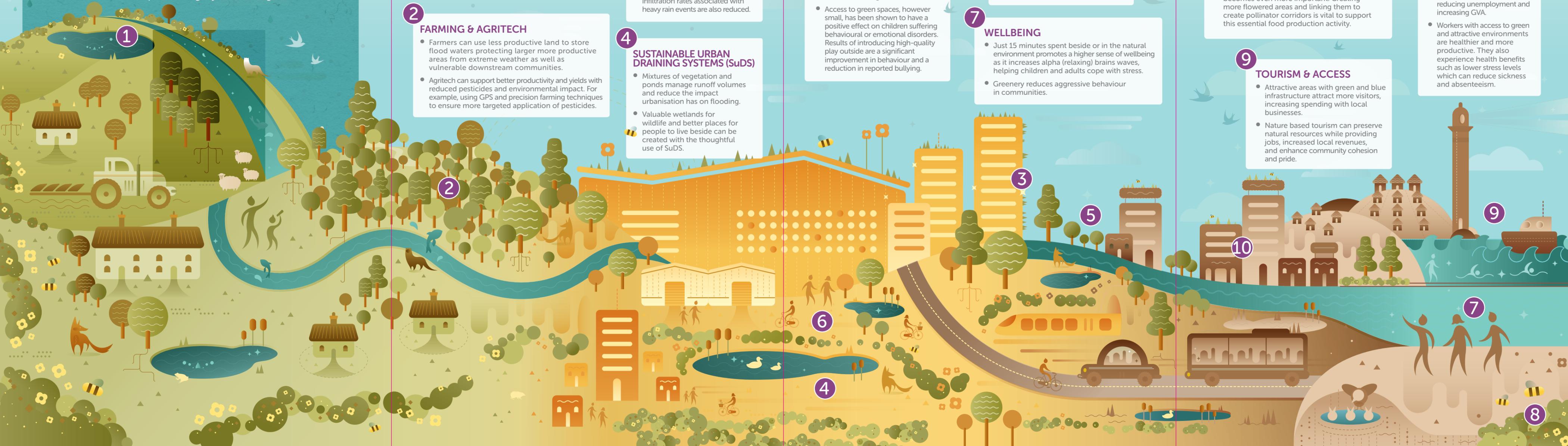


A NATURALLY RESILIENT NORTH EAST RICH IN NATURE.

This illustration shows how, with a little thought and a change in behaviours we can weave the natural environment into our daily lives and activities and leave a positive legacy for future generations.



1 PEATLANDS & WOODLANDS

- Restoring peat bogs has the capacity to store the equivalent of up to 2.4 million tonnes of CO₂/km²/year.
- Forestry Management and Primary Processing businesses in the North East directly employs 1,075 people with a turnover of £201 million.

2 FARMING & AGRITECH

- Farmers can use less productive land to store flood waters protecting larger more productive areas from extreme weather as well as vulnerable downstream communities.
- Agritech can support better productivity and yields with reduced pesticides and environmental impact. For example, using GPS and precision farming techniques to ensure more targeted application of pesticides.

3 GREEN WALLS & ROOFS

- The 'urban heat' island effect is reduced and makes buildings more energy efficient by using green walls and roofs in new and existing buildings.
- Surface water runoff and infiltration rates associated with heavy rain events are also reduced.

4 SUSTAINABLE URBAN DRAINING SYSTEMS (SuDS)

- Mixtures of vegetation and ponds manage runoff volumes and reduce the impact urbanisation has on flooding.
- Valuable wetlands for wildlife and better places for people to live beside can be created with the thoughtful use of SuDS.

5 EDUCATION

- Outdoor self-directed play is recognised as one of the best forms of activity for children. Exercise builds strength and reduces obesity, and helps to develop the motor skills children will need throughout life.
- Access to green spaces, however small, has been shown to have a positive effect on children suffering behavioural or emotional disorders. Results of introducing high-quality play outside are a significant improvement in behaviour and a reduction in reported bullying.

6 HEALTH

- Trees are important for respiratory health as they remove chemicals caused by air pollution.
- People are more active and suffer from fewer chronic illnesses when they live near green spaces.

7 WELLBEING

- Just 15 minutes spent beside or in the natural environment promotes a higher sense of wellbeing as it increases alpha (relaxing) brain waves, helping children and adults cope with stress.
- Greenery reduces aggressive behaviour in communities.

8 CONNECTIVITY & POLLINATORS

- Trees and other vegetation along highways, waterways and railways are important for connecting wildlife from isolated and urban areas to biodiverse sites.
- As our population grows the work of pollinators and the availability of flowers becomes even more important. Creating more flowered areas and linking them to create pollinator corridors is vital to support this essential food production activity.

9 TOURISM & ACCESS

- Attractive areas with green and blue infrastructure attract more visitors, increasing spending with local businesses.
- Nature based tourism can preserve natural resources while providing jobs, increased local revenues, and enhance community cohesion and pride.

10 BUSINESS

- Investing in blue and green infrastructure improves a region's image. This helps to attract and retain high value industry, entrepreneurs and workers. It increases the scope for leveraging investment, reducing unemployment and increasing GVA.
- Workers with access to green and attractive environments are healthier and more productive. They also experience health benefits such as lower stress levels which can reduce sickness and absenteeism.

Economy with Ecology

The North East LNP believes a successful and sustainable economy can be achieved at the same time as protecting and enhancing our natural environment.

The North East must be business ready for a changing climate and maximise the use of blue and green infrastructure to protect investments.

Helping your business to:

- ✓ Achieve Corporate & Social Responsibility aims e.g. habitat enhancement, volunteering
- ✓ Perform Environment Design Reviews for new and existing sites
- ✓ Be business ready for a changing climate

Landscapes & Nature

Many regeneration projects have originated from the vision and efforts of the environmental sector; the cleaning of the River Tyne, resulting in a rejuvenated Newcastle Quayside and restoring the Durham Heritage Coast following the activities of the extraction industries.

We can work with you on:

- Developing Heritage Lottery Funded projects
- NE biodiversity priorities in landscape action plans
- Improving access to nature e.g. walking and cycling routes and urban nature projects

Healthy communities

We act as an advocate with Health & Wellbeing Boards and local planning teams to build healthy lifestyle choices into our towns and cities. Accessible high quality green spaces allow people to be more active and engaged with their community resulting in fewer chronic illnesses.

We can help you to create healthier communities by:

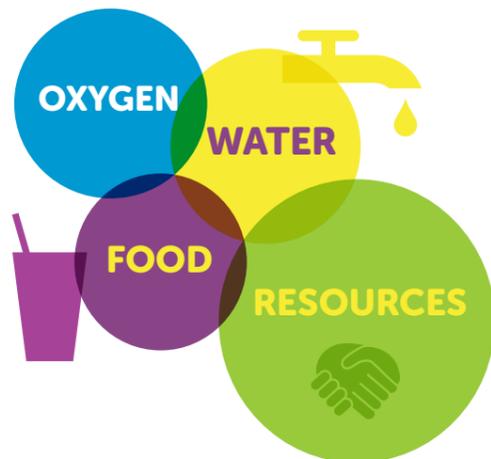
- Contributing to health and wellbeing policy and strategy
- Developing nature based social prescribing projects
- Incorporating nature into urban areas

Learning naturally

Outdoor learning is often remembered for a lifetime. Integrating learning and outdoor experiences, whether through play in the immediate grounds or adventures further afield, provides relevance and depth to the curriculum in ways that are difficult to achieve indoors.

Supporting you to:

- Create and deliver nature based education days
- Develop outdoor naturalised learning spaces
- Develop outdoor skill sets for employment



These services might arrive as piped, packaged or transported products. Everything we need, use, buy and sell is connected to our environment.

Our partners include local business, councils, NGOs, Defra, tourism and community representatives...

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| <ul style="list-style-type: none"> • Mental Health North East/Muddy boots • Groundwork NE • Tourism Northumberland • National Trust • Woodland Trust • Heritage Lottery Fund • Intimation Creative • Banks Group | <ul style="list-style-type: none"> • Northumbrian Water • Hope Construction • Creswell Farming • Northumberland Wildlife Trust • Durham Wildlife Trust • RSPB • Tyne, Wear & Tees Rivers Trusts • Durham, Northumberland and Tyne & Wear Local Access Forums | <ul style="list-style-type: none"> • Defra agencies • Northumberland County Council • Newcastle City Council • North Tyneside Council • Durham County Council • Gateshead Council • South Tyneside Council • Sunderland City Council |
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'A thriving natural environment, providing for a healthier and wealthier North East'

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Image of business park, supplied by Quorum Business Park.



North East Local Nature Partnership

A HEALTHIER AND WEALTHIER NORTH EAST THROUGH NATURE

In 2011, the UK government made a commitment through the Natural Environment White Paper to support the creation of Local Nature Partnerships. Their purpose is to work strategically to ensure the value and function of nature is considered in local decision making.

North East Local Nature Partnership

Our environment has worked hard for hundreds of years, enabled economic success and is central to our North East identity. It is the most valuable asset we have; thousands of local jobs are linked to the environment and it is vitally important for our health and wellbeing.

Therefore, we must ensure our economic plans create a place that is attractive to sustainable investment as well as being complementary to nature and human wellbeing.

The long term stewardship and promotion of our region's natural environment is the core work of the North East Local Nature Partnership (NELNP). To achieve a thriving natural environment and a healthier and wealthier North East we must:

- 1 Champion the real value of nature.
- 2 Lead landscape-scale biodiversity enhancements to mitigate the impacts of climate change.
- 3 Make the business case for investment in the natural environment.
- 4 Improve community health and well-being through better access to nature.

Area of operation for North East LNP



Our area also extends **6 miles off shore** into the marine environment

No matter where we are, we are never far from nature and nature's activities. It might seem less obvious in some locations but nature is always there and always busy providing us with essential services.

It is because of society's constant interactions with nature that the work of North East LNP is so varied and we manage this through **4 work themes...**

