

**LOCAL PLAN: NATURAL ENVIRONMENT EVIDENCE**\*Available on MAGIC: <https://magic.defra.gov.uk/MagicMap.aspx>**Contents**

- Access
- Air Quality
- Climate Change
- Designated Sites
- Green Infrastructure
- Habitats And Species
- Historic Environment
- Landscape
- Natural Capital
- Net Gain
- Soils
- Water/Coast

<b>Key evidence sources</b>	<b>Data Owner</b>	<b>Link to open data</b>	<b>*</b>
<b>ACCESS</b>			
National Trails	Natural England	<a href="https://data.gov.uk/dataset/ac8c851c-99a0-4488-8973-6c8863529c45/national-trails">https://data.gov.uk/dataset/ac8c851c-99a0-4488-8973-6c8863529c45/national-trails</a>	
Public Rights of Way (on the Ordnance Survey base map) and Rights of Way Improvement Plans	Local Planning Authorities		
Open Access Land (under The Countryside and Rights of Way Act 2000)	Natural England	<a href="https://naturalengland-defra.opendata.arcgis.com/datasets/bd7c45905b95457db29297bb4ecb8e89_0?geometry=-18.518%2C50.559%2C14.858%2C55.195">https://naturalengland-defra.opendata.arcgis.com/datasets/bd7c45905b95457db29297bb4ecb8e89_0?geometry=-18.518%2C50.559%2C14.858%2C55.195</a>	✓
Local Nature Reserves	Local Planning Authorities and Local Wildlife Organisations		
National Nature Reserves	Natural England	<a href="https://data.gov.uk/dataset/726484b0-d14e-44a3-9621-29e79fc47bfc/national-nature-reserves-england">https://data.gov.uk/dataset/726484b0-d14e-44a3-9621-29e79fc47bfc/national-nature-reserves-england</a>	✓
Country Parks	Local Planning Authorities	Natural England have mapped Country Parks using data from Local Planning Authority data <a href="https://naturalengland-defra.opendata.arcgis.com/datasets/a11bfa8e6dc4227a7082d81bb1ddb_db_0?geometry=-18.367%2C50.437%2C15.010%2C55.085">https://naturalengland-defra.opendata.arcgis.com/datasets/a11bfa8e6dc4227a7082d81bb1ddb_db_0?geometry=-18.367%2C50.437%2C15.010%2C55.085</a>	✓
England Coast Path	Natural England	<a href="https://data.gov.uk/dataset/2cc04258-a5d4-4eea-823d-">https://data.gov.uk/dataset/2cc04258-a5d4-4eea-823d-</a>	✓

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		<a href="https://publications.naturalengland.org.uk/publication/65021">bf493aa31eef/england-coast-path-route</a>	
Accessible Natural Greenspace Standards (ANGSt)	This standard is currently being updated by NE.	The current NE Standard is here: <a href="http://publications.naturalengland.org.uk/publication/65021">http://publications.naturalengland.org.uk/publication/65021</a>	
People and Nature Survey	Natural England	The MENE (Monitoring Engagement with the Natural Environment) dashboard <a href="https://defra.maps.arcgis.com/apps/MapSeries/index.html?appid=2f24d6c942d44e81821c3ed2d4ab2ada">https://defra.maps.arcgis.com/apps/MapSeries/index.html?appid=2f24d6c942d44e81821c3ed2d4ab2ada</a>	
	Natural England	The MENE survey results <a href="https://www.gov.uk/government/collections/monitor-of-engagement-with-the-natural-environment-survey-purpose-and-results">https://www.gov.uk/government/collections/monitor-of-engagement-with-the-natural-environment-survey-purpose-and-results</a>	
	Natural England	The People and Nature Survey <a href="https://www.gov.uk/government/collections/people-and-nature-survey-for-england">https://www.gov.uk/government/collections/people-and-nature-survey-for-england</a> )  The GIS User hub <a href="https://people-and-nature-survey-defra.hub.arcgis.com/">https://people-and-nature-survey-defra.hub.arcgis.com/</a>	
<b>AIR QUALITY</b>			
Data on air pollution related to designated sites.	Centre for Ecology and Hydrology	The Air Pollution Information System <a href="http://www.apis.ac.uk/">http://www.apis.ac.uk/</a>	
Nitrogen Decision Framework	Joint Nature Conservation Committee (JNCC)	A decision framework to attribute atmospheric nitrogen deposition as a threat to or cause of unfavourable habitat condition on protected sites   JNCC Resource Hub	
<b>CLIMATE CHANGE</b>			
The Climate Change Adaptation Manual data	Natural England	<a href="http://publications.naturalengland.org.uk/publication/5679197848862720">http://publications.naturalengland.org.uk/publication/5679197848862720</a>	
The National Biodiversity Climate Change Vulnerability Model	Natural England	<a href="http://publications.naturalengland.org.uk/publication/5069081749225472#:~:text=The%20National%20Biodiversity%20Climate%20Change,be%20used%20(in%20conjunction%20with">http://publications.naturalengland.org.uk/publication/5069081749225472#:~:text=The%20National%20Biodiversity%20Climate%20Change,be%20used%20(in%20conjunction%20with</a>	
<b>DESIGNATED SITES</b>			
Boundaries of Sites of Special Scientific Interest (SSSIs)	Natural England	<a href="https://data.gov.uk/dataset/5b632bd7-9838-4ef2-9101-ea9384421b0d/sites-of-special-scientific-interest-england">https://data.gov.uk/dataset/5b632bd7-9838-4ef2-9101-ea9384421b0d/sites-of-special-scientific-interest-england</a>	✓
Boundaries of Special Protection Areas (SPAs)	Natural England	<a href="https://data.gov.uk/dataset/174f4e23-acb6-4305-9365-1e33c8d0e455/special-protection-areas-england">https://data.gov.uk/dataset/174f4e23-acb6-4305-9365-1e33c8d0e455/special-protection-areas-england</a>	✓
Boundaries of Special Areas of Conservation (SACs)	Natural England	<a href="https://data.gov.uk/dataset/a85e64d9-d0f1-4500-9080-b0e29b81fbc8/special-areas-of-conservation-england">https://data.gov.uk/dataset/a85e64d9-d0f1-4500-9080-b0e29b81fbc8/special-areas-of-conservation-england</a>	✓

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Boundaries of Ramsar Sites	Natural England	<a href="https://data.gov.uk/dataset/67b4ef48-d0b2-4b6f-b659-4efa33469889/ramsar-england">https://data.gov.uk/dataset/67b4ef48-d0b2-4b6f-b659-4efa33469889/ramsar-england</a>	✓
Boundaries of Marine Conservation Zones	Joint Nature Conservation Committee (JNCC)	<a href="https://jncc.gov.uk/our-work/marine-protected-area-mapper/">https://jncc.gov.uk/our-work/marine-protected-area-mapper/</a>	✓
SSSI Impact Risk Zones	Natural England	<a href="https://data.gov.uk/dataset/5ae2af0c-1363-4d40-9d1a-e5a1381449f8/sssi-impact-risk-zones-england">https://data.gov.uk/dataset/5ae2af0c-1363-4d40-9d1a-e5a1381449f8/sssi-impact-risk-zones-england</a>	✓
SSSI Conservation Objectives	Natural England	<a href="https://designatedsites.naturalengland.org.uk/">https://designatedsites.naturalengland.org.uk/</a>	
SAC, SPA, Ramsar and Marine equivalent Site Improvement Plans	Natural England	<a href="https://designatedsites.naturalengland.org.uk/">https://designatedsites.naturalengland.org.uk/</a>	
Local Wildlife Sites and Local Geological Sites	Local Planning Authority and/or Local Environmental Records Centre and/or Local Wildlife Trust		
Potential Designated Sites	Natural England	Mapping of potential SPA's can be found on MAGIC <a href="https://magic.defra.gov.uk/DatasetDownloadSummary.htm">https://magic.defra.gov.uk/DatasetDownloadSummary.htm</a>	✓
Existing HRA compensation sites	Local Planning Authority and Natural England		
Data on existing strategic solutions	Local Planning Authority and Natural England		
<b>GREEN INFRASTRUCTURE</b>			
National Green Infrastructure mapping database	Natural England	<a href="http://publications.naturalengland.org.uk/publication/4635531295326208">http://publications.naturalengland.org.uk/publication/4635531295326208</a>	
Green Infrastructure Framework – Principles and Standards for England	Natural England	<a href="https://designatedsites.naturalengland.org.uk/GreenInfrastructure/Home.aspx">https://designatedsites.naturalengland.org.uk/GreenInfrastructure/Home.aspx</a>	
Green Belt boundaries	Ministry of Housing, Communities and Local Government (MHCLG)	<a href="https://data.gov.uk/dataset/ccb505e0-67a8-4ace-b294-19a3cbff4861/english-local-authority-green-belt-dataset">https://data.gov.uk/dataset/ccb505e0-67a8-4ace-b294-19a3cbff4861/english-local-authority-green-belt-dataset</a>	✓
Open Space Assessments	Local Planning Authority		
Tree Canopy Cover Standards	Forestry Commission	<a href="https://www.gov.uk/guidance/urban-forestry">https://www.gov.uk/guidance/urban-forestry</a>	
<b>HABITATS AND SPECIES</b>			
Ancient Woodland	Natural England	<a href="https://data.gov.uk/dataset/9461f463-c363-4309-ae77-fdcd7e9df7d3/ancient-woodland-england">https://data.gov.uk/dataset/9461f463-c363-4309-ae77-fdcd7e9df7d3/ancient-woodland-england</a>	✓

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Ancient and Veteran Trees	The Ancient Tree Inventory and Natural England	The Ancient Tree Inventory <a href="https://ati.woodlandtrust.org.uk/">https://ati.woodlandtrust.org.uk/</a>	
	Natural England	The wood pasture and parkland inventory <a href="https://data.gov.uk/dataset/bac6feb6-8222-4665-8abe-8774829ea623/wood-pasture-and-parkland-england">https://data.gov.uk/dataset/bac6feb6-8222-4665-8abe-8774829ea623/wood-pasture-and-parkland-england</a>	✓
Priority Habitat Inventory s41 habitats	Natural England	<a href="https://data.gov.uk/dataset/4b6ddab7-6c0f-4407-946e-d6499f19fcde/priority-habitat-inventory-england">https://data.gov.uk/dataset/4b6ddab7-6c0f-4407-946e-d6499f19fcde/priority-habitat-inventory-england</a>	✓
Priority Habitat Creation and Restoration	Environment Agency	<a href="https://data.gov.uk/dataset/e0165747-8368-4ff7-a644-df9aeb27b0b/priority-habitat-creation-and-restoration">https://data.gov.uk/dataset/e0165747-8368-4ff7-a644-df9aeb27b0b/priority-habitat-creation-and-restoration</a>	
Open Mosaic Habitat on Previously Developed Land Inventory (draft)	Natural England	<a href="https://data.gov.uk/dataset/8509c11a-de20-42e8-9ce4-b47e0ba47481/open-mosaic-habitat-draft">https://data.gov.uk/dataset/8509c11a-de20-42e8-9ce4-b47e0ba47481/open-mosaic-habitat-draft</a>	✓
Local Biodiversity Action Plans (LBAPs) and Local Geodiversity Action Plans (LGAPS)	Local Planning Authority		
Priority habitats and species as listed under Section 41 of the NERC Act, 2006 and UK Biodiversity Action Plan (UK BAP).	Local Environmental Record Centres		
National Forest Inventory on Trees and Woodland	Forest Research	<a href="https://data-forestry.opendata.arcgis.com/datasets/bcd6742a2add4b68962aec073ab44138_0?geometry=-35.371%2C51.075%2C31.382%2C59.761">https://data-forestry.opendata.arcgis.com/datasets/bcd6742a2add4b68962aec073ab44138_0?geometry=-35.371%2C51.075%2C31.382%2C59.761</a>	✓
Species Risks and Opportunities Maps	Natural England	<a href="http://publications.naturalengland.org.uk/publication/4674414199177216">http://publications.naturalengland.org.uk/publication/4674414199177216</a>	
<b>HISTORIC ENVIRONMENT</b>			
Designated Historic Environment Sites including scheduled monuments, listed buildings, registered parks and gardens, registered battlefields and protected wrecks	Historic England	The open data layers can be found on MAGIC <a href="https://magic.defra.gov.uk/Dataset_Download_Summary.htm">https://magic.defra.gov.uk/Dataset_Download_Summary.htm</a>	✓
World Heritage Sites	Historic England	<a href="https://data.gov.uk/dataset/3ac5c299-6805-476b-af9b-90aadc5e7b4/world-heritage-sites-gis-data">https://data.gov.uk/dataset/3ac5c299-6805-476b-af9b-90aadc5e7b4/world-heritage-sites-gis-data</a>	✓
National Historic Landscape Characterisation mapping	Natural England	<a href="https://naturalengland-defra.opendata.arcgis.com/datasets/624969d8bbc74c0abc2e6a277c986f74_0">https://naturalengland-defra.opendata.arcgis.com/datasets/624969d8bbc74c0abc2e6a277c986f74_0</a>	✓

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Heritage Coasts data	Natural England	<a href="https://data.gov.uk/dataset/79b3515f-b00e-419a-9c7e-1d3163555886/heritage-coasts">https://data.gov.uk/dataset/79b3515f-b00e-419a-9c7e-1d3163555886/heritage-coasts</a>	✓
<b>LANDSCAPE</b>			
Areas of Outstanding Natural Beauty boundaries	Natural England	<a href="https://data.gov.uk/dataset/8e3ae3b9-a827-47f1-b025-f08527a4e84e/areas-of-outstanding-natural-beauty-england">https://data.gov.uk/dataset/8e3ae3b9-a827-47f1-b025-f08527a4e84e/areas-of-outstanding-natural-beauty-england</a>	✓
National Park boundaries	Natural England	<a href="https://data.gov.uk/dataset/334e1b27-e193-4ef5-b14e-696b58bb7e95/national-parks-england">https://data.gov.uk/dataset/334e1b27-e193-4ef5-b14e-696b58bb7e95/national-parks-england</a>	✓
National Park and Area of Outstanding Natural Beauty (AONB) management plans	Conservation Boards/ AONB Partnerships and National Park Authorities		
Local landscape character assessments	Local Planning Authority		
Landscape and Visual Impact Assessments	Local Planning Authority		
Landscape capacity and sensitivity assessments	Local Planning Authority		
Data on tranquillity and light pollution	Campaign to Protect Rural England (CPRE)	<a href="https://nightblight.cpre.org.uk/maps/">https://nightblight.cpre.org.uk/maps/</a>	
<b>NATURAL CAPITAL</b>			
National Character Areas	Natural England	<a href="https://data.gov.uk/dataset/21104eeb-4a53-4e41-8ada-d2d442e416e0/national-character-areas-england">https://data.gov.uk/dataset/21104eeb-4a53-4e41-8ada-d2d442e416e0/national-character-areas-england</a>	✓
Natural Capital Atlases: Mapping	Natural England	<a href="https://data.gov.uk/dataset/a9de8ea-a-5424-40ac-b1b3-3e33e94e1648/natural-capital-county-atlas-mapping-england">https://data.gov.uk/dataset/a9de8ea-a-5424-40ac-b1b3-3e33e94e1648/natural-capital-county-atlas-mapping-england</a>	
Natural Capital Atlases: Mapping Indicators for County and City Regions	Natural England	<a href="http://publications.naturalengland.org.uk/publication/6672365834731520">http://publications.naturalengland.org.uk/publication/6672365834731520</a>	
Nature Improvement Areas	Natural England	<a href="https://data.gov.uk/dataset/a19c95e3-9657-457d-825e-3d2f3993b653/nature-improvement-areas">https://data.gov.uk/dataset/a19c95e3-9657-457d-825e-3d2f3993b653/nature-improvement-areas</a>	✓
Nature Recovery Network data	Preliminary data from Local Nature Recovery Strategies should be available from the relevant Local Planning Authority		
Nature Networks Evidence Handbook	Natural England	<a href="http://publications.naturalengland.org.uk/publication/6105140258144256">http://publications.naturalengland.org.uk/publication/6105140258144256</a>	
Habitat Networks	Natural England	<a href="https://data.gov.uk/dataset/0ef2ed26-2f04-4e0f-9493-">https://data.gov.uk/dataset/0ef2ed26-2f04-4e0f-9493-</a>	✓

✓ Available on MAGIC <https://magic.defra.gov.uk/MagicMap.aspx>

		<a href="https://ffbdbfaeb159/habitat-networks-england">ffbdbfaeb159/habitat-networks-england</a>	
Natural Capital Ecosystem Assessment (NCEA)	Natural England under development	<a href="https://www.gov.uk/government/publications/natural-capital-and-ecosystem-assessment-programme/natural-capital-and-ecosystem-assessment-programme">https://www.gov.uk/government/publications/natural-capital-and-ecosystem-assessment-programme/natural-capital-and-ecosystem-assessment-programme</a>	
Living England Habitat Map	Natural England	<a href="https://data.gov.uk/dataset/e207e1b3-72e2-4b6a-8aec-0c7b8bb9998c/living-england-habitat-map-phase-4">https://data.gov.uk/dataset/e207e1b3-72e2-4b6a-8aec-0c7b8bb9998c/living-england-habitat-map-phase-4</a>	✓
Enabling a Natural Capital Approach	DEFRA	<a href="https://data.gov.uk/dataset/3930b9ca-26c3-489f-900f-6b9eec2602c6/enabling-a-natural-capital-approach">https://data.gov.uk/dataset/3930b9ca-26c3-489f-900f-6b9eec2602c6/enabling-a-natural-capital-approach</a>	
<b>NET GAIN</b>			
Biodiversity Net Gain metric 3.1	Natural England	<a href="https://nepubprod.appspot.com/TheBiodiversityMetric3.1-JP039">The Biodiversity Metric 3.1 - JP039 (nepubprod.appspot.com)</a>	
Environmental Benefits from Nature Tool (Beta Test Version)	Natural England	<a href="https://nepubprod.appspot.com/TheEnvironmentalBenefitsfromNatureTool-BetaTestVersion-JP038">The Environmental Benefits from Nature Tool - Beta Test Version - JP038 (nepubprod.appspot.com)</a>	
<b>SOILS</b>			
Provisional Agricultural Land Classification Maps	Natural England	<a href="https://data.gov.uk/dataset/952421ec-da63-4569-817d-4d6399df40a1/provisional-agricultural-land-classification-alc">https://data.gov.uk/dataset/952421ec-da63-4569-817d-4d6399df40a1/provisional-agricultural-land-classification-alc</a>	✓
Strategic mapping assigning the likelihood of BMV agricultural land (created as a companion to the Provisional ALC maps).	Natural England	<a href="http://publications.naturalengland.org.uk/category/5208993007403008">http://publications.naturalengland.org.uk/category/5208993007403008</a>	
Detailed ALC reports – post 1988 ALC survey	Natural England	<a href="http://publications.naturalengland.org.uk/category/6249382855835648">http://publications.naturalengland.org.uk/category/6249382855835648</a>	✓
General mapped information on soil types, including peaty soils, is available as 'Soilscapes'. This also includes a simple ecosystem services provision guide.	National Soil Resources Institute (NSRI)	The open data layers can be found on MAGIC <a href="https://magic.defra.gov.uk/DatasetDownloadSummary.htm">https://magic.defra.gov.uk/DatasetDownloadSummary.htm</a>	✓
<b>WATER/COAST</b>			
Catchment Flood Management Plans	Environment Agency		
MMO marine planning evidence base	Marine Management Organisation (MMO)		
Shoreline Management Plans	Environment Agency		
Heritage Coast Management Plans	Local Planning Authority		
River Basin Management Plans	Environment Agency		
Water Resource Management Plans	Environment Agency /water authority		
Coastal erosion maps/ Coastal Change Management area data/strategies	Environment Agency / Local Planning Authority		

✓ Available on MAGIC <https://magic.defra.gov.uk/MagicMap.aspx>

Shared Nitrogen Action Plans	Natural England - work ongoing	<a href="https://www.gov.uk/government/publications/clean-air-strategy-2019">https://www.gov.uk/government/publications/clean-air-strategy-2019</a>	
Strategic Flood Risk Assessments	Local Planning Authority led		