

Master table of objectives, their linked indicators, thresholds, nature of options selected, their unit of measurement and the relevant stock data

Code	Key word	Objective	Indicator	Threshold	Unit	Description of uptake	Measurement unit	Description of stock
Woodland/tree cover								
A1	Woodland	Active woodland management	% of woodland managed under ES	5	%	Woodland management	ha	NFI broadleaved, coppice and wood pasture
A2	Woodland	Woodland protection	% of woodland perimeter with fencing maintained under ES	10	%	Woodland fencing plus UC5	km	NFI broadleaved and coppice perimeter
A3	Woodland	Woodland creation	Woodland creation under ES as % of existing woodland	1	%	Woodland creation	ha	NFI broadleaved and coppice
A4	Woodland	Semi-natural woodland regeneration	% of scrub maintained as successional areas under ES	10	%	Maintenance of successional areas	ha	NFI scrub
A5	In-field trees	Protection of in-field trees	Number of in-field trees protected under ES	1500	per NCA	In-field trees	tree	N/A
A6	Hedgerow trees	Protection of hedgerow trees	Area of hedgerow trees protected under ES	500	ha per NCA	Protection of hedgerow trees	ha	N/A
A7	Hedgerow trees	Renewal of hedgerow trees	Number of hedgerow trees established	500	per NCA	Establishment of hedgerow trees	tree	N/A

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			under ES					
A8	Riparian trees	Management of riverside / bankside trees	Number of bankside trees coppiced	500	per NCA	CI coppicing of bankside trees	tree	N/A
A9	Orchards	Management and extension of traditional orchards	% of traditional orchards managed under ES	5	%	Orchard creation; orchard management and restoration	ha	Orchards BAP habitat
Field patterns and boundary types								
B1	Hedgerows	Management and restoration of hedgerows	% of hedgerows managed under ES	20	%	Hedgerow management; hedgerow restoration and planting; management of hedgerows of very high environmental value; hedge and ditch management; C1 hedgerows	km	CS hedges
B2	Hedgerows	Creation of new hedgerow lengths	Length of new hedgerows planted	10	km per NCA	CI New hedge planting	km	N/A
B3	Ditches	Management and restoration of ditches / dykes	Length of ditches / dykes managed under ES	500	km per NCA	Ditch management; CI restoration / creation of ditches and dykes	km	N/A

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B4	Stone walls	Management and restoration of stone walls	% of stone walls managed under ES	20	%	Stone wall protection and management; stone wall restoration; CI restoration of stone walls'	km	CS walls
B5	Earth banks/stone-faced hedgebanks	Management and restoration of banks	% of banks managed under ES	20	%	Earth bank management; earth bank restoration; stone-faced hedgebank management; CI restoration of stone-faced hedgebanks; CI restoration of earth banks'	km	CS banks/grass strips
B6	Wider buffer strips	Reinforcement of field patterns in arable areas	Area of wider buffer strips / yr round headlands created under ES	1000	ha per NCA	Wider buffer strips in arable; floristically enhanced buffer strips unharvested cereal headlands	ha	N/A
B7	Deer fencing	Minimal negative landscape impact from deer fencing	Length of ES deer fencing	5	km per NCA	Deer fencing	km	N/A
B8	Fencing along watercourses	Minimal negative landscape impact from fencing along watercourses	Length of ES fencing along watercourses	30	km per NCA	Fencing along watercourses	km	N/A
Agricultural land use								

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C1	Arable land	Diversity of winter arable landscape	% of arable land with overwintering stubbles under ES	20	%	Overwintering stubbles	ha	LCM Aba, Ab, Ast, Au, Aw
C2	Permanent grasslands	Retention of mixed/pastoral character	% of improved grassland managed as low input grassland under ES	20	%	Grassland creation to prevent erosion and encourage water infiltration and a reduction in nutrient leaching; permanent low-input grassland management	ha	LCM Gi, Gh
C3	Wet grasslands	Retention and management of wet grasslands	% of rough grassland managed as wet grassland under ES	20	%	Wet grassland creation; wet grassland management or restoration; rush pasture management; traditional water meadow management or restoration	ha	LCM Gr
C4	Rough pasture	Retention and management of rough pasture	% of rough grassland managed as semi-improved/rough grassland under ES	20	%	Semi-improved/rough grassland creation; semi-improved/rough grassland management or restoration; enclosed upland semi-natural/rough pasture management; upland semi-natural/rough pasture management or restoration;	ha	LCM Gr

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C5	Mixed stocking	Retention/restoration of traditional mixed stock grazing	% of permanent pasture managed as mixed stocking under ES	20	%	Mixed stocking	ha	LCM Gh, Gi, Gr
C6	Water meadows	Retention and management of traditional water meadows	Area of traditional water meadow management under ES	100	ha per NCA	Traditional water meadow management or restoration	ha	N/A
C7	Fallow plots	Minimal negative landscape impact from fallow plots	Number of ES fallow plots	500	per NCA	Fallow plots/margins	plot	N/A
Building materials/design								
D1	Traditional farm buildings	Retention of historic farm buildings	% of historic buildings maintained under ES	10	%	Historic buildings	m ² /100 = 5pprox . no	Count of listed buildings
D2	Traditional farm buildings	Restoration of historic farm buildings	Number of agreements with historic building restoration			CI Restoration of historic buildings	No of agreements	N/A
Historic environment								

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E1	Archaeological features	Retention and management of archaeology on arable	% of archaeological resource on arable under relevant ES archaeology options for arable	50	%	Archaeological features taken out of cultivation; Reduced depth of cultivation	ha	SMR plus SHINE on arable
E2	Archaeological features	Retention and management of archaeology on arable as part of wider conservation objectives	% of archaeological resource on arable protected by 'other' ES options that have a positive impact on archaeology'	25	%	Semi-improved grassland creation; Grassland creation to prevent erosion and encourage water infiltration and a reduction in nutrient leaching; Species rich grassland creation; Lowland heathland creation BUT ONLY option H04. Uptake of these options is limited to locations where they are found on SMR or SHINE sites using GIS for the purposes of assessing this objective.	ha	SMR plus SHINE on arable
E3	Archaeological features	Retention and management of archaeology on grass	% of archaeological resource on grassland under relevant ES archaeology options for grassland	50	%	Management of archaeological sites under grassland.	Ha	SMR plus SHINE on grass

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E4	Archaeological features	Removal of archaeological features from cultivation	Land removed from cultivation as % of vulnerable SMAR area	50	%	Archaeological features taken out of cultivation; Reduced depth of cultivation	ha	SMAR area where vulnerability relates to landscape management practices
E5	Archaeological features	Retention and increased visibility of archaeology on moorland	Number of agreements with archaeological resource on moorland under relevant ES option for archaeology			Maintaining archaeological visibility on moorland;	No of agreements	SMR plus SHINE on moorland (LCM Ga, Bo, Bg, Bh, Hb, Hg, H, Hga)
E6	Parkland	Retention and management of parkland/wood pasture	% of parkland/wood pasture under ES options for parkland/wood pasture	10	%	All parkland sub-categories	ha	EH Registered Parks and Gardens plus NE unregistered parks and gardens
E7	Water features	Retention and management of larger water features	Number of larger water features (over 100m2) managed under ES	20	per NCA	Q2	no	N/A
E8	Small ponds (under 100m2)	Retention and management of small ponds	Number of small ponds (under 100m2) managed under ES	20	per NCA	Q1	no	N/A
Semi-natural habitats								

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F1	Species-rich grassland (lowland)	Management/restoration/creation of lowland species-rich grassland	% of acid, calcareous and neutral grassland managed as species-rich grassland under ES	20	%	HK6, HK7, HK8	ha	LCM Ga, Gc, Gn in ALTs 1-4
F2	Species-rich grassland (upland)	Management/restoration/creation of upland species-rich grassland	% of rough, calcareous and neutral grassland managed as species-rich grassland under ES	20	%	HK6, HK7, HK8	ha	LCM Gr, Gc, Gn in ALTs 5-6
F3	Upland hay meadows	Management/restoration of upland hay meadows	% of rough, calcareous and neutral grassland managed as hay meadow under ES	10	%	L20, HK18 Hay making supplement	ha	LCM Gr, Gc, Gn in ALTs 5-6
F4	Lowland hay meadows	Management of lowland hay meadows	% of acid, calcareous, neutral and wet grassland managed as hay meadows	10	%	HK18 Hay making supplement	ha	LCM Ga, Gc, Gn in ALTs 1-4,
F5	Lowland heathland	Management/restoration/creation of lowland heathland	% of lowland heathland managed as such under ES	10	%	Lowland heathland creation; lowland heathland management or restoration	ha	LCM Hb, Hg, H, Hga

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F6	Wetland	Management/restoration/creation of fen, lowland raised bog and reedbed	% of fen marsh and swamp managed as wetland under ES	20	%	All wetland sub-categories	ha	Fen, lowland raised bog and reedbed habitat
F7	Moorland	Maintenance and restoration of moorland	% of moorland managed as such under ES	50	%	Maintenance and restoration of moorland, creation of upland heathland	ha	LCM Ga, Bo, Bg, Bh, Hb, Hg, H, Hga
F8	Upland blanket bog	Rewetting of areas of blanket bog, mires and flushes	% of blanket bog rewetted	20	%	L13. Moorland rewetting supplement	ha	LCM Bg, Bh, Bo
F9	Cattle grazing on moorland	Retention/restoration of traditional cattle grazing on moorland commons	% of moorland with cattle grazing under ES	5	%	Cattle grazing on moorland	ha	LCM Ga, Bo, Bg, Bh, Hb, Hg, H, Hga
Coast								
G1	Saltmarsh	Conservation and management of salt marsh	% of salt marsh managed as such under ES	10	%	Salt marsh management or restoration	ha	Sm, Smg
G2	Sand dunes	Conservation and management of sand dunes	% of sand dunes managed as such under ES	10	%	Sand dune management or restoration	ha	Sd, Sds

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G3	New coastal habitat	Creation of new coastal habitats	Area of new coastal habitat created on farmland under ES	100	ha per NCA	Inter-tidal and saline habitat creation; vegetated shingle and sand dunes creation	ha	N/A

