

Habitat Creation Spatial Audit Contracts

Common Spatial Data Framework v7 (August 2022)

Geometry/Spatial Data

Geometry Type

Wherever possible the area of creation/restoration of each individual habitat should be mapped as separate polygons defined by the extent of the planned area of new/restored habitat.

Where a creation/restoration site is identified but the exact location of habitat(s) to be restored within the site is unknown multiple habitats may be assigned to the site polygon.

Where only a location or grid reference is available the location of habitat creation/restoration can be mapped as a point.

Resolution & Format

Minimum mapping resolution required is the equivalent of a 50m x 50m cell grid.

The final data can be provided as polygons and points or as a vector grid. If the data is to be provided as a grid this will need to align with OSGB (EPSG:27700).

Where data is available mapped to a higher resolution (finer level of detail), or an existing framework such as OS MasterMap is used for data capture, this may be incorporated but care should be taken not to introduce unnecessary/unhelpful complexity into the mapped polygons. Merging or simplification may be required.

Overlaps

The output data layers should include no overlapping polygons. The resolution of any overlaps which do occur and which are not the result of mapping errors should be resolved in consultation with Natural England.

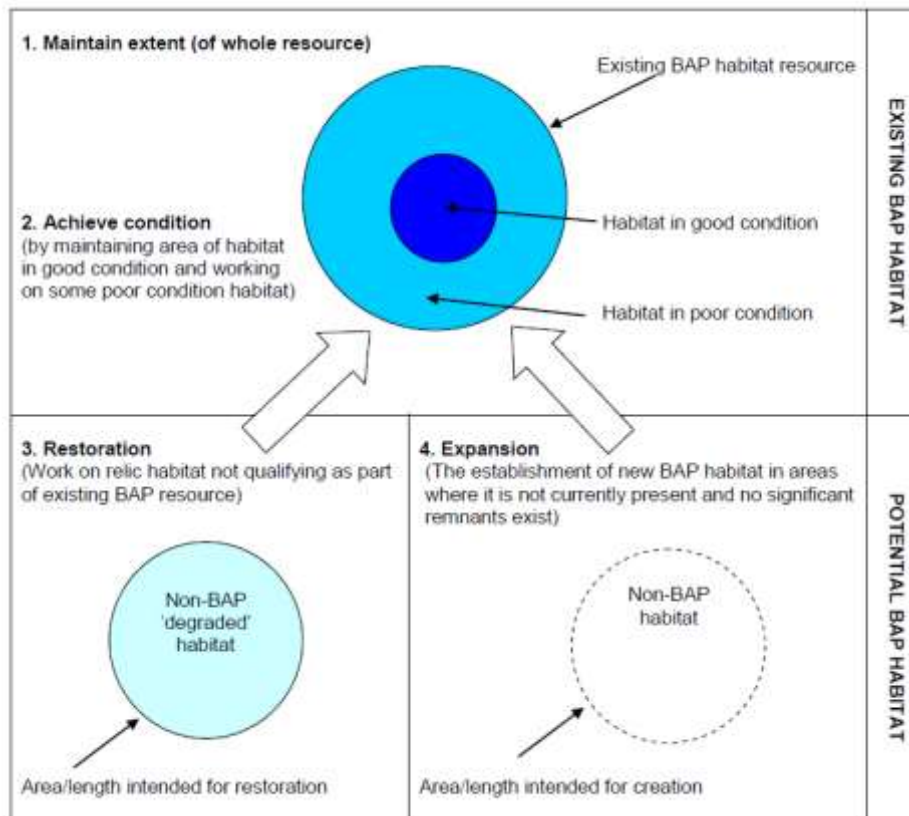
Attribute Data

The following table sets out the common attribute data fields which must be included as a minimum requirement for the mapped (shapefile) output. The Fields highlighted are mandatory, those relating to habitat can be completed as either PriorHab or UKHabCode and for area as either the site or polygon area whichever is mapped.

Field Name	Example	Description
ProjectID		Where a number of polygons area associated with the same restoration site or project area they should have a common ID
PriorHab	Lowland heathland or PH_grassland	The name of the priority habitat under restoration/ creation. This must use the names as listed in the JNCC habitat correspondences spreadsheet for habitats here: https://hub.jncc.gov.uk/assets/9e70531b-5467-4136-88f6-3b3dd905b56d Where the priority habitat cannot be defined use “ PH_... ” followed by the generic habitat type such as ‘ PH_grassland ’, ‘ PH_wetland ’, ‘ PH_coastal ’ etc or for rewilding sites ‘ PH_UNKN ’ or for non-Priority habitat of known wildlife value e.g. scrub use ‘ NA ’ and insert the UkJabCode below.
or/and		
UKHabCode	h1a,g1a	Note: Only to be used if the data provider has a UKHAB licence UKHab codes should be to level 4 if the target habitat is determined to that level. Otherwise the code should be at the highest level to which the habitat can be determined If the polygon contains more than one habitat, codes should be listed in a comma separated list.
Type	Creation	Classify the work within the mapped polygon as either “ Creation ”, “ Restoration ” or “ PAWS ” (for PAWS restoration). For this audit ‘Restoration’ refers to action to restore degraded habitat to achieve a priority habitat and not restoration of an existing priority habitat which should be classified as ‘management’ i.e. improving condition. The class of “ Management ” should only be used on sites with existing priority habitat, which is <u>not the focus for this audit</u> and should not normally be used. See Box below If more than one type of activity applies to the mapped polygon these should be entered as a comma separated list.

		Rewilding should be allocated either of the above categories depending on the original state of the land and management in place
Status	Underway	Classify the status of the creation/restoration work into one of 3 classes: “Planned” = Action not started “Underway” = Action commenced and ongoing “Completed” = Outcome achieved i.e. habitat successfully established
SiteArea	Numerical figure e.g. 20	Area of the polygon in ha. – The area of the site boundary within which habitat(s) are created/restored where the habitat(s) cannot be mapped or measured
or/and		
HabArea	Numerical figure e.g. 18	Area of habitat under restoration/creation in ha – this will equal the SiteArea where the polygon relates to habitat area but may be different only the polygon relates to the site boundary and the extent of habitat is known.
MappedAs	HabPoly	“HabPoly” “SitePoly”, Point” or “Line”
StartDate	Aug, 2020	Start Date of creation/restoration works. Format as Month, Year
Mechanism	Planning_other	Habitat that is delivered through the planning process should be further clarified if possible by through the use of the following categories “Planning_minerals” for mineral restoration sites or “Planning_compensation” for replacement habitat under a HRA or “Planning_other” for all other categories. Other delivery mechanisms should also be noted such as “AES”, “EA”, “FC”, “NT”, “Grant Funded” (e.g. HLF), “NIA partnership”, “Other partnership”, “Local Authority” (other than planning). Please add others as you come across if they appear to be important delivery mechanism
Source		Source of the data
Licence		Details of relevant data licence
IPR		Any acknowledgement of IPR ©.....
CollatedBy	Exegesis	Name of company or person who collated the data
CollatDate	March2020	Date relating to the data collation

Habitat Target Definitions



BAPTargetdefinitions.
pdf