

Biodiversity Considerations in  
Regeneration and Brownfield  
Development-A Consultants  
Perspective

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## Clear Ecology

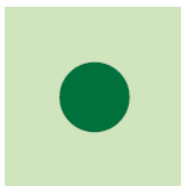
- Who and What is Clear Ecology?
- What do we do?
- Our approach?
- A consultants morals?!

## Biodiversity in Regeneration

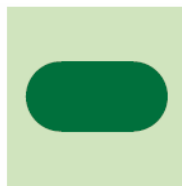
- Brownfield sites offer a vast resource of rare and protected species which as consultants we are employed to protect (or move out of the way) depending how you view it
- Our role may be directly moving protected species from an area (translocation)-which wont conserve the ecosystem-just the individual species.
- Or it may be that we exclude a species temporarily whilst the ecosystem is enhanced (increased/improved/protected)



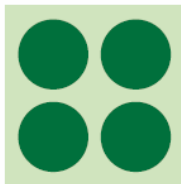
## Habitat Creation



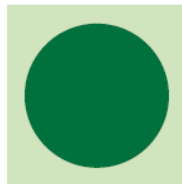
(a) A small habitat with a small core area can negatively impact on population viability.



(b) Long thin habitats reduce core area and increase the negative edge effects.



(c) Several small habitats with interacting populations are preferable to one small habitat.



(d) A large habitat is preferable to a small or fragmented habitats.

Due to cost and space restraints, options (a) and (b) are the most widely available to consultants when dealing with enhancement and creation-particularly in intensive developments such as housing.

## What influence can a consultant have?

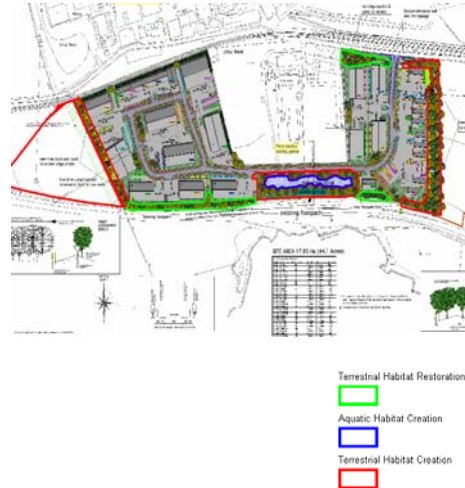
- Depends heavily on the nature of the development, the client and in some cases the site.
- Not all ecology consultants deal directly with habitat creation and leave this to a landscape consultant- therefore the responsibility is avoided.
- We do act at the early stages of the planning process so leverage for space for biodiversity can be influenced sometimes before the budgets are set.

- Biodiversity aspects should be incorporated into the development proposals at the earliest stage because:

Greening is not an alternative to the protection and enhancement of existing wildlife habitat-many wildlife habitats are difficult or impossible to recreate.

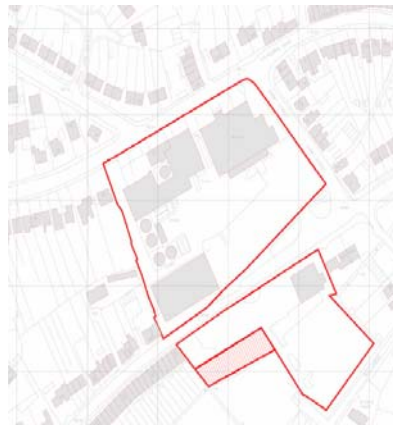
## Urley Nook-Stockton On Tees

- Large Industrial Development
- Significant Issues outstanding from the initial eco report-picked up on by NE.
- Protected Species Issues revisited
- Compensatory measures required to satisfy LA and NE
- Full cooperation by client(s) was unavoidable



## Belper-Derbyshire

- Chemicals factory makes way for housing
- Compensatory section identified and put to client as good PR.
- Site to be enhanced, created and maintained by us over 5years.



# NHS-ASHBOURNE

- NHS-Primary Care Trust Development
- Old Railway sidings area and later a land fill
- Provided ideal habitat for reptile species and connectivity along the nearby watercourse
- Loss of habitat and mature trees unavoidable-replanting scheme designed and artificial 'bat trees' proposed.

