

Landscape , Biodiversity & Mineral Extraction

Presentation 2011

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County Perspective

- **Very briefly explain landscape issues in relation to mineral planning**
- **and in particular show how mineral restoration can and does deliver biodiversity gain which is in keeping with landscape character and local diversity**

- **Explaining the context for landscape character**
- **The main landscape requirements for a successful mineral planning application and it's relation to biodiversity, character.**

European Landscape Convention



ALL LANDSCAPES MATTER

Aim – to adopt policies and measures at local, regional & international level for

- *for protecting*
- *managing*
- *planning landscapes*



What is Landscape Character

- It is the summary of what makes each part of the landscape distinct and gives it its particular sense of place.
- We do this by combining recurring patterns of attributes / features.

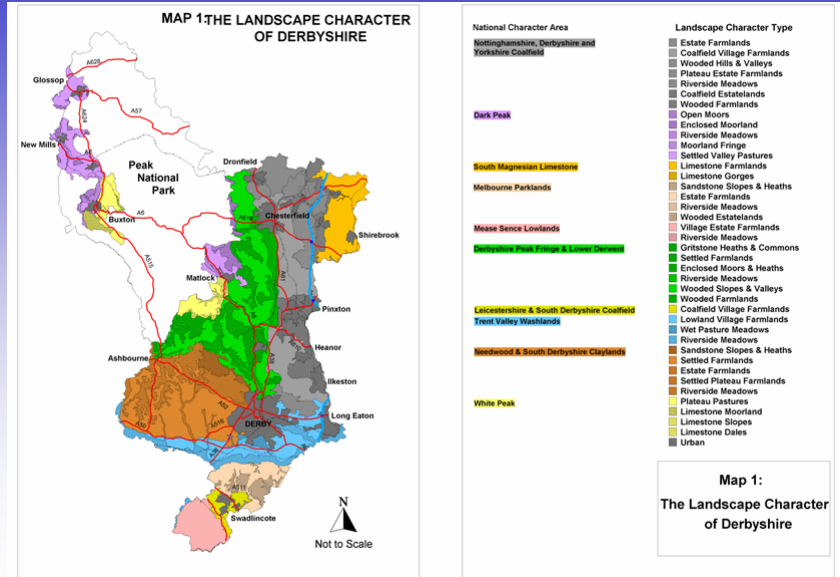
Landscape Character

RECURRING ATTRIBUTES / FEATURES

- such as the pattern of trees cover e.g. scattered hedgerow trees, small woodland copses
- Recurring small Country Houses and Parkland which are characteristic of Estate Landscapes



Landscape Types



Landscape Descriptions

- **A key sentence that encapsulates the essence of the landscape type**
- **Key characteristics**
- **Descriptions**
 - Geology and Landform
 - Soils and Land use
 - Ecology
 - Tree cover
 - Enclosure
 - Transport
 - Built environment
 - Summary

Dark Peak – Open Moors



Trent Valley Washlands – Riverside Meadows



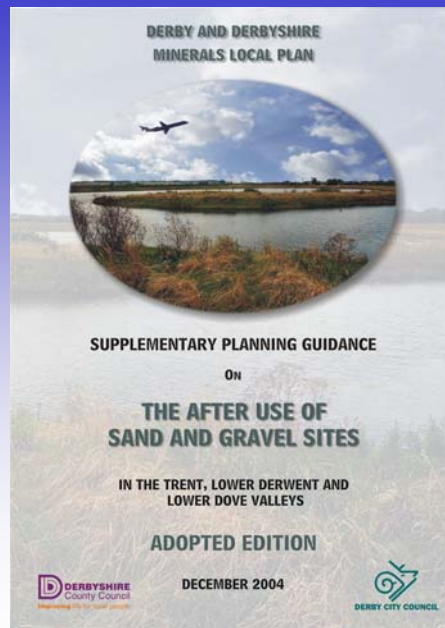
Expect

- **Survey**
- **Assessment of the impact of the proposals**
- **Solution- mitigation which addresses visual impact, conserves & enhances landscape character including biodiversity.**

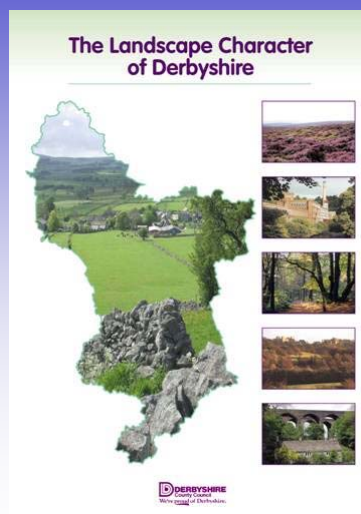
Trent Valley Constraints = Opportunities

- **The lack of fill**
- **The need by East Midlands airport to minimise bird strike**
- **The need to minimise flood risk**
- **The planning restrictions on after uses**

**Trent Valley
SPG
The After Use
of Sand and
Gravel Sites**



The Landscape Character of Derbyshire



LANDSCAPE TYPE: WOODED SLOPES AND VALLEYS

Planting and Management Guidelines

A rising, undulating landscape with many semi-natural woodlands, some of ancient origin, along steep slopes and valley sides with densely scattered hedgerow and watercourse trees.

Primary woodland character:	Densely scattered small-medium woodlands.
Primary tree character:	Densely scattered hedgerow and dense watercourse trees.
Woodland vision:	Widespread small-medium woodlands
Tree vision:	Densely scattered hedgerow and dense watercourse trees.

Typical woodland size range:	0.5 - 15 ha	small-medium
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Woodland pattern:	Organic
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- Small-medium scale woodland planting
- Conserve and restore all ancient woodland sites and restock with locally occurring native species.

THE LANDSCAPE CHARACTER OF DERBYSHIRE

PART THREE LINKING LANDSCAPE CHARACTER TO BIODIVERSITY

Tarmac Ltd - Dene Quarry



Species Rich Turf Translocation



Riverside Meadows – landscape character / biodiversity enhancement by

- **Wet Woodland**
- **Reed beds**
- **Green (access) lane**
- **Hedgerows**
- **Riparian trees defining the river and ditch lines**

Summary

- **Landscape Character is a valuable planning tool in providing consistent and clear advice.**
- **Mineral restoration when done well can reinforce landscape character and make a significant contribution to biodiversity.**