

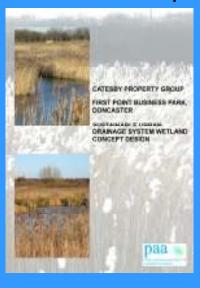
Why do it – in practice ...

- High quality design CABE guidance
- Multiple benefits good value for money
- Biodiversity mitigation*
- · Create buffer zones
- Integrate with POS and access provision
- · Increase property value
- * (note not usually acceptable for GCN mitigation)

Planning Stage

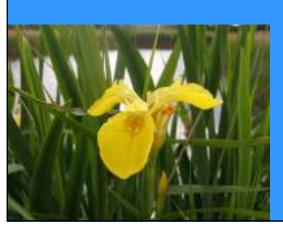
- Build into Masterplanning
- Underpin by robust ecological survey
- Location is important strategic positioning for buffer zones, green corridors etc
- Consider multiple benefits POS etc
- Incorporate existing habitat of value

Concept Design Stage



- Team work drainage engineer, landscape architect, ecologist
- Size, shape, profile & crosssections
- Water depth & flooding frequency
- · What plants?
- Fauna
- Management considerations

Approval Stage



- Consultation
- Detailed specification
- Planning conditions

Construction Stage

- Ecological supervision & signoff
- Method Statements
- CEMP
- Water quality & protected species considerations – fisheries, nesting birds, licences etc



Management Stage

- Establishment phase 5yrs
- Monitoring & respond to issues – water depth, water quality, establishment failures, erosion control, algae
- Long term Management Plan – tie in with POS/access/amenity and landscape requirements
- Vegetation management
- Ecological monitoring invertebrates, birds, amphibians etc

