

Sustainable Landscape CPD

43 Topics available from NGS GreenSpec

Landscape Agency

- Hard landscape - Environmental Best Practice
- Biodiversity maintenance and enhancement, Initial Site Strip
- Brown Roofs, Brownfield Landscape
- Reclaimed and Reused Landscape Products
- Recycled Landscape Products
- Site Autonomy No export nor import of materials
- Case Studies: Gunpowder Park Lee Valley
- Insitu Remediation Mechanical/Chemical/Biological/Agricultural
- Wild Turf
- Recycling Organics & Compost
- Groundwater, SUDS, re-use of grey water in the landscape
- Maximising the potential for Biodiversity.



From Global Imperative To Landscape Materials



Sustainability Definitions

Economic + Environmental + Social




Route to the Future

Forum for the Future



Are you Green or Violet?



Consequences of no action

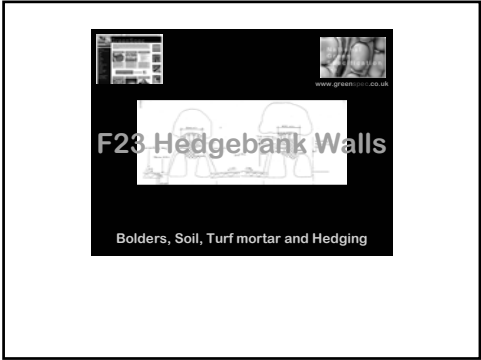


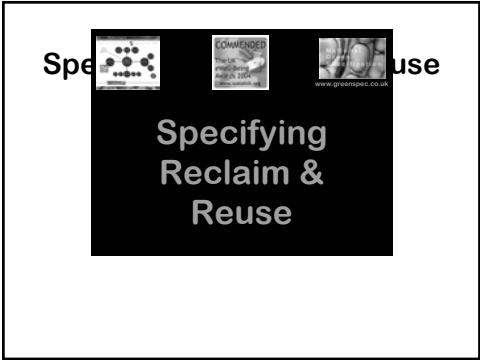
Sustainability best practice for Landscape Architects






Hard Landscape Environmental Best Practice

Hard landscape Specification - Environmental Best Practice?





Cas



Park

Case Study:
Gunpowder Park
Ecological Land
Reclamation

Lee Valley Regional Park: Gunpowder Park
Derelict Polluted Land, 110 acre Park & Natura Reserve
New Field & Arts Centre, Completed 2004/5

Wa



gn

Waste Reduction
@ Design:Diagrams

Easy steps to reduce your share
of the 90 m tonnes of construction and
demolition waste each year

15/02/2007 19:33 © NGS 2002-2006 Waste At Design:Diagrams 1

Land



ation

Landscape
waste
minimisation

Site Autonomy
Green Waste Composting

© NGS 2004-6 Brian Murphy



SWaMPs
(Sumps in Welsh)

Site Waste Management Plan
Workshop & Checklist & Datasheet



Resource Recovery
New Goods in
Waste Segregation
Distribution Centres

Receiving recovered resources from projects
Sorting materials for site's daily requirements
Feeding Site(s) with resources, collecting waste

Nat



ds

Natural
Swimming Ponds

Swimming with frogs
J44 Sheet brings for pools/lakes/waterways
S15 Fountains and Water Features
S21 Swimming pool treatment

Pa



te

Pallets in
Landscape waste
minimisation

Pallet in Composting


Leg



ber

Legal &
Sustainable
Timber

Issues
NGS GreenSpec
Green Building Specification Z10
Certification & Suppliers



CITES

Convention for International Trade in
Endangered Species


www.greenspec.co.uk

Conservatories

B12 Conservatories
Source of free heat


www.greenspec.co.uk

Gabions Trapians & Matresses

D41 Crib walls/Gabions/Reinforced earth
Construction & Materials


www.greenspec.co.uk

Street Furniture

Q50 Street Furniture


www.greenspec.co.uk

Efficient Lighting

V21 General Lighting
V41 Street/Area/Flood Lighting
V42 Arena Lighting


www.greenspec.co.uk

Sustainable Communities

© ODPM March 2005


www.greenspec.co.uk

Community Consultation & Participation

The Good, the Bad and the Ugly


www.greenspec.co.uk




Green Grids

Peterborough's Green Wheel, Parks, Lakes,
Mile End Park


www.greenspec.co.uk

Flood Defence & Managed Retreat

Global Warming
Increased Rain and River Flooding
Rising Sea Level & Costal Erosion
Riverbank & Costal Defence


www.greenspec.co.uk

By others

- Sustainable Water: groundwater/SUDS/ reuse of grey water in the landscape
 - Cath Hassell @ ECH₂O
cath.hassell@ech2o.co.uk
- Maximising the potential for Biodiversity
 - Dusty Gedge @ Living roofs
dustygedge@yahoo.co.uk
 - TV series 'Wild Thing, I love you'

20/02/2007

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By Others

- Sustainable Land Management
 - Dave Stanley ethree@globalnet.co.uk
- Landscape Estate & Grounds Management
- Natural Swimming ponds
 - Michael Littlewood
- BioEngineering not Civil Engineering
 - Michael Littlewood