



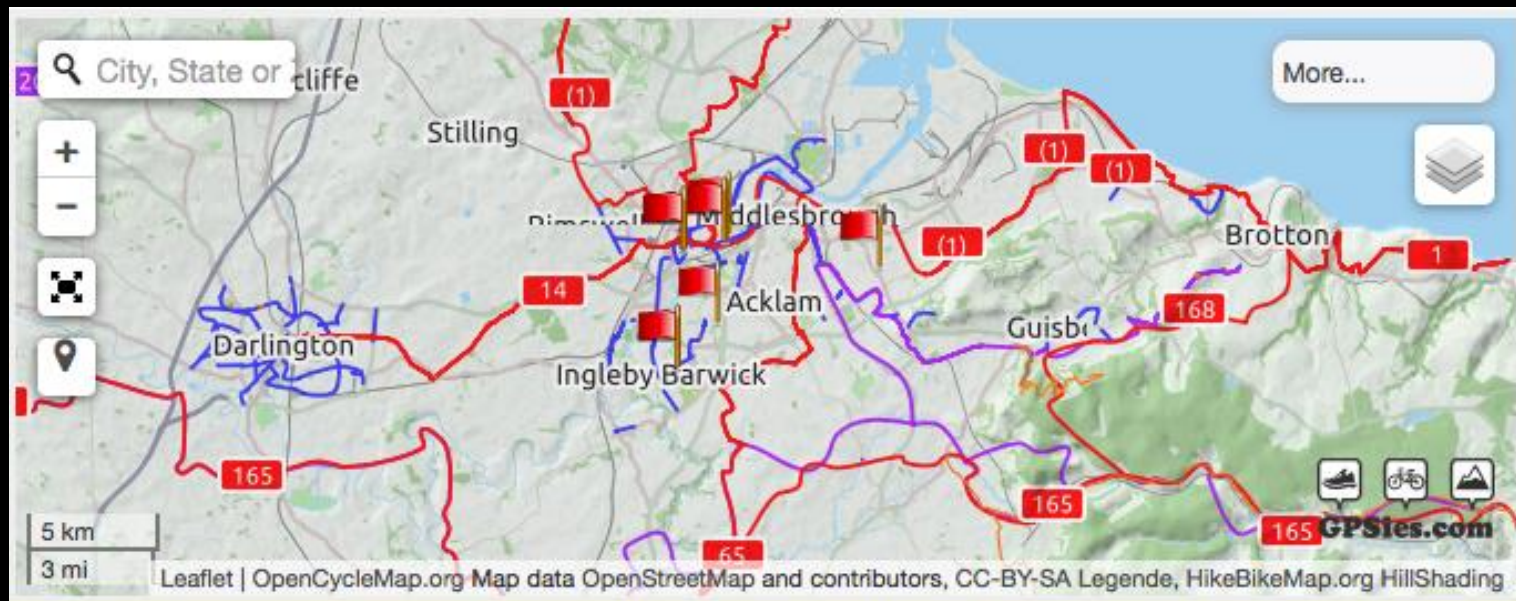
NORD
RHEIN
WEST
FALEN

RUHR VALLEY CYCLE PATH

From idyllic landscapes to industrial heritage

Tim Crawshaw
Darlington Borough Council



























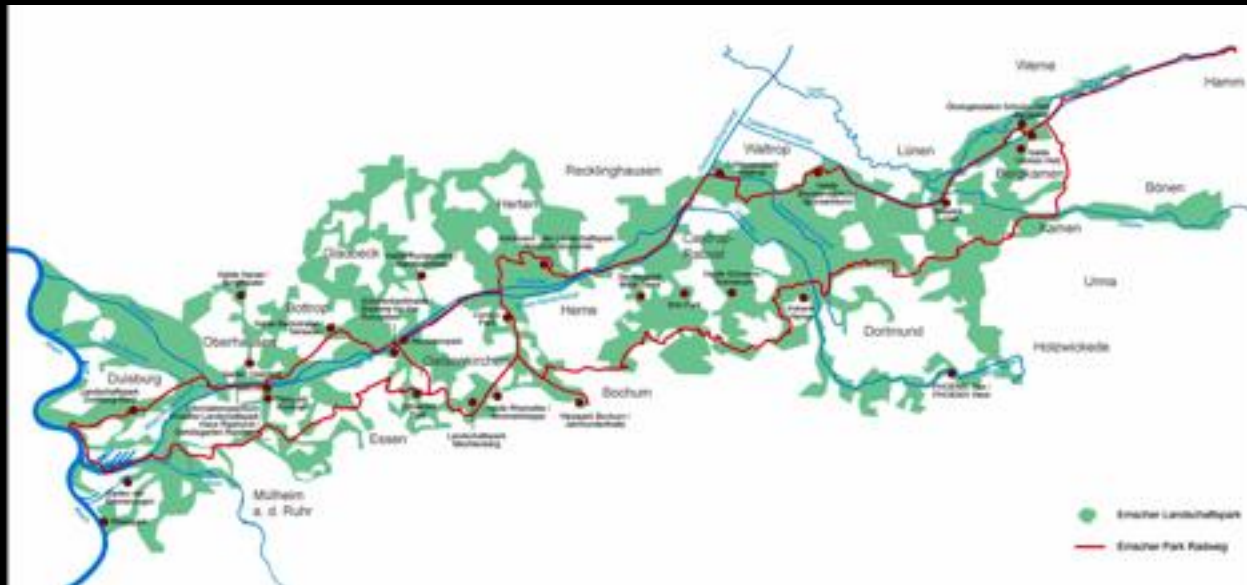
















Robert Woods

PD Teesport – A Thriving Port – Vital for the Tees



Dabholme Gut. A Haven for Wading Birds in a Busy Port.
Bird Images c/o John Bridges, North-east Wildlife







Mines Wood, Boulby







Seals at Greatham Creek, c/o David Miles

Wildflower habitat creation, Lucite, Billingham





Brown Roof, Islington, Dusty Gedge



Brown Roof, A haven for Invertebrates, Buglife

Landschaftspark, Duisburg, c/o Thomas Berns



Landschaftspark, Duisburg, c/o Thomas Berns





Image from 'Westmill Solar Co-operative'





Reconstruction of a landscape – the Emscher Landscape Park

Graham Megson

Emscher Landscape Park





- Ruhr district of Germany - once the heartland of Europe's steel and coal industries
- Thirty year decline - abandonment and dereliction of steel works and coal mines
- Legacy of high unemployment and the scars of environmental contamination
- Brownfield sites - in need of restoration
- State Government of North Rhine-Westphalia created a regional redevelopment plan entitled the 'International Building Exhibition at Emscher Park' in 1989

- Over ten years Emscher Park has encouraged the ecological, economic and urban revitalisation of the valley and river through collaborative partnerships with various agencies and 17 local authorities
- Two primary objectives were to give the region a greener image and breathe life into the old industrial plants
- At the end of the initial phase in 1999, a successor plan to promote redevelopment called 'Project Ruhr' took over the task of management
- Final phase was the cleaning up the Emscher River



- Today, the Ruhr-Emscher district is enveloped by a green curtain that occasionally reveals a historic industrial landmark, standing amongst the trees





Seven achievements

- Reconstruction of landscape
- Restoration of the river
- An adventure space
- Industrial heritage as a national treasure
- Business & working in the Park
- New houses and housing
- New social, cultural and sports activities

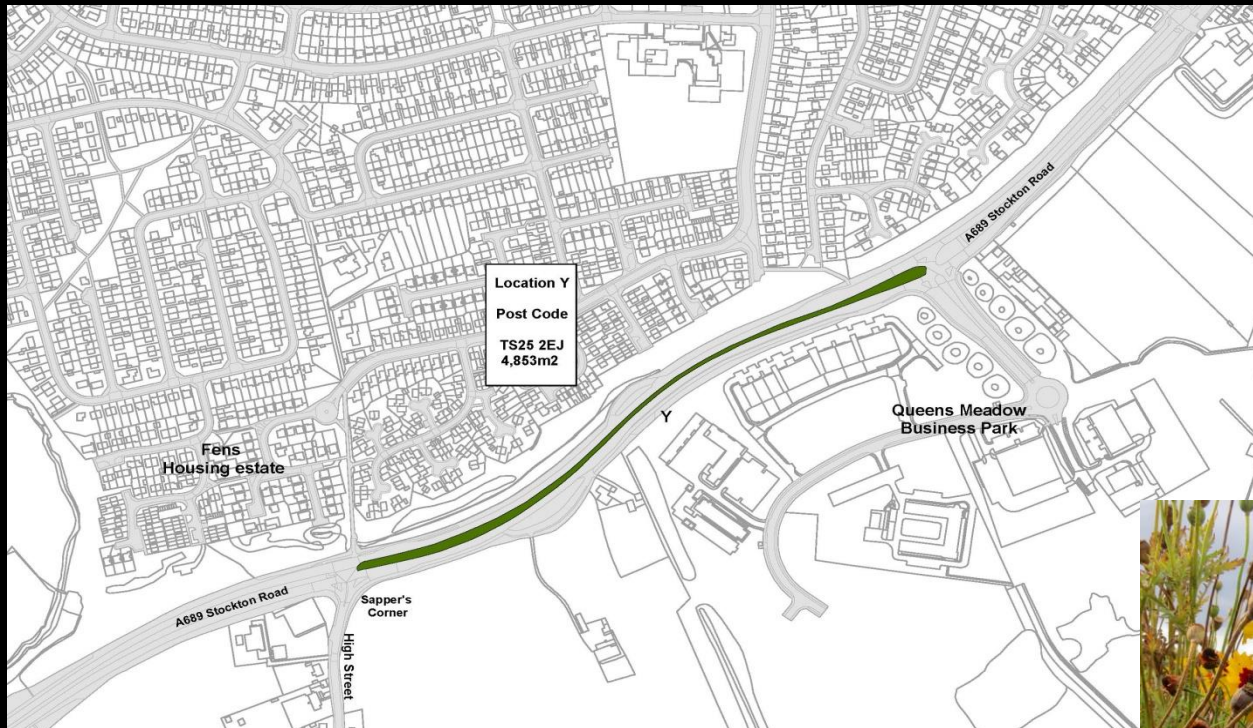
Funding

- 2.5 bn Euro invested in the redevelopment, of which about two thirds came from public funds and one third from private investments
- State Government allocated 18 m Euro
- Money from developers, private companies, non-profit groups and town councils that worked specifically on individual projects connected to the park

Local inspiration – Hartlepool's road verges

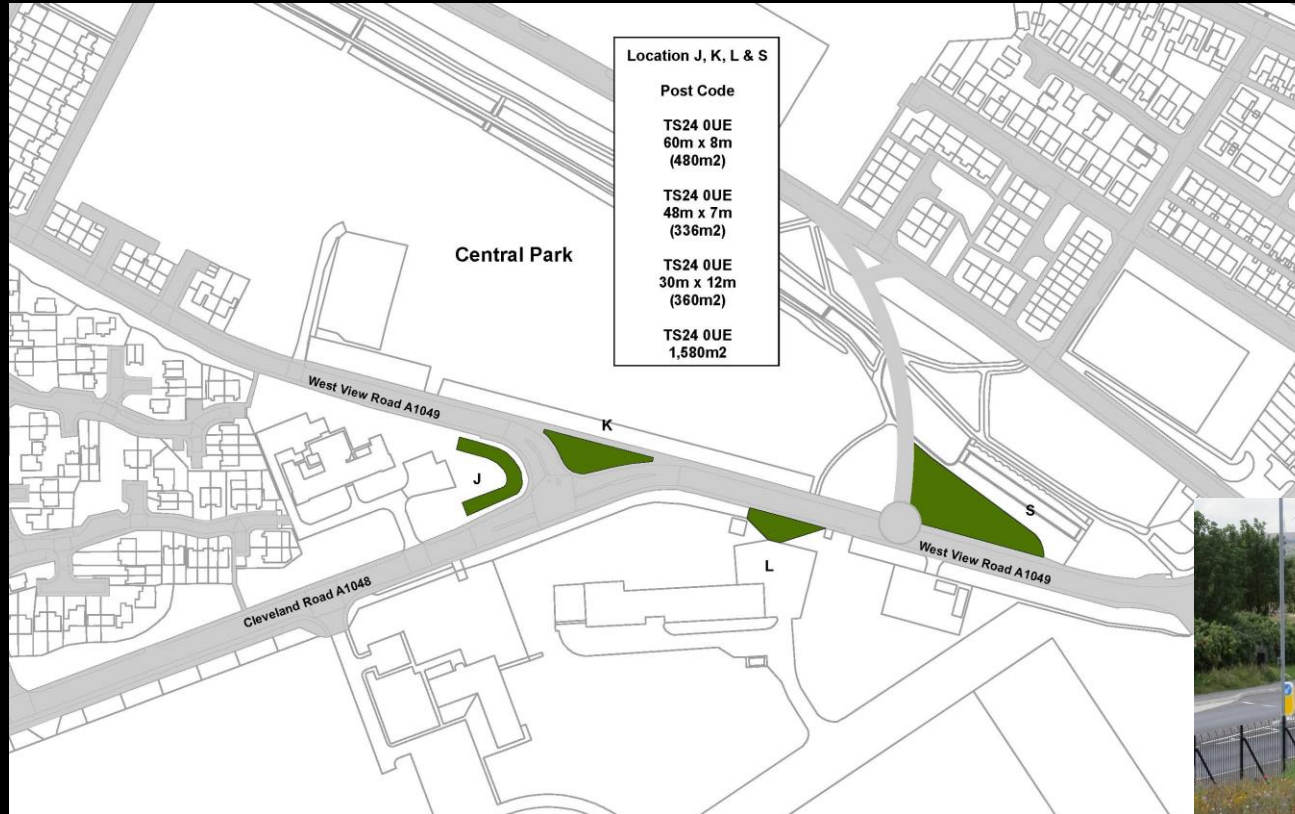
Diverse, native and non-native hardy annuals, flowering from May to October, with seed heads throughout the winter.





A689 major route into the town





Small beds within the town



Hartlepool – more local inspiration

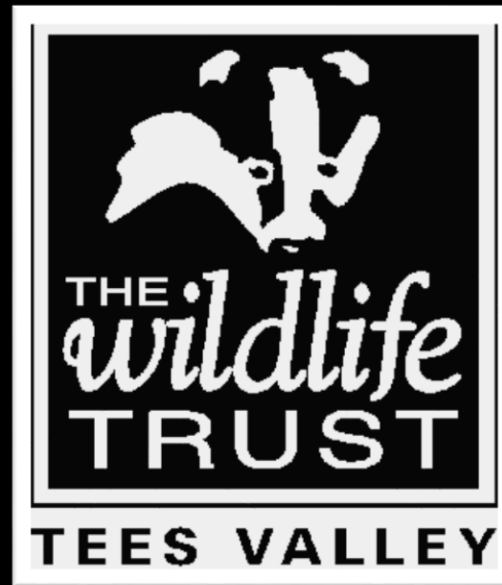
Creating coastal grassland with green hay



Britmag housing development

- Mitigation for 484 houses on former Steetley Magnesite site
- Creation of dunes and coastal grassland
- Seed source from annual cut on adjacent Local Wildlife Site
- Green hay





Jeremy Garside









Sustainable Urban Carbon Capture:
Engineering Soils for Climate Change





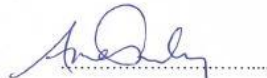
Pledge for the Environment

I believe that following the EU referendum, the UK government, working with administrations in Belfast, Cardiff and Edinburgh, must build a healthy and prosperous future for all.

This means a thriving natural world on land and at sea, clean air and water, communities connected to nature, and a sustainable economy.

For the wellbeing of my constituents, for people at home and abroad, and for future generations who will depend on a flourishing and secure planet, I will do everything in my power to:

- Establish the UK as a world leader on the environment by committing to match or exceed current environmental, wildlife and habitat protections.
- Ensure the UK leads on climate change by publishing robust low carbon investment plans and ratifying the Paris Agreement this year.
- Create a countryside richer in nature by supporting farmers and landowners to deliver environmental benefits alongside a thriving farming sector.



Signature of MP



Constituency

The pledge is an initiative of:

Campaign for
Better Transport



ClientEarth

CPRE
Campaign to Protect
Rural England
www.cpre.org.uk

E3G

friends
of
the earth

green
alliance...

GREENPEACE

nef

giving
nature
a home

Protecting
wildlife for
the future

WOODLAND
TRUST

WWF

WWT









Ben Lamb
Tees Rivers Trust











The Leven at its
confluence with the Tees
after heavy rain



















AR Enhanced Fisheries/‘Ranching’ – Hong Kong

Lamma 100mW Wind farm (ERM for Hong Kong Electric)

- Met Mast erected Mar 2012 / construction due 2014
- Stakeholder LG outlining AR plans
- Govⁿ. Based (AFCD) gazetted AR in HK since 1996



UK Artificial Reef (AR) Experience:

- Poole Bay (PFA)
- Loch Lhinne (waste rock dust)
- Portland rock (with lobsters)

(N.B lobsters, scallop, oyster hatchery enhancement / Scour protection AR COWRIE mitigation op.

Potential scour protection using by-products?





The River Thames European Eel Monitoring Project Report, 2011-2014



Chris Doble, Stephen Mowat and Joe Pecorelli

CONSERVATION PROGRAMMES
ZOOLOGICAL SOCIETY OF LONDON

February 2015





The Great Skerne Scour

Sunday 23rd October



There will be litter
picks taking place
along the River
Skerne

To clean your
section of the River
and get involved
please contact:

jacqui@teesrivertrust.org







Elwha Dam Removal







Graeme Hull





































