

Achieving multiple benefits through sustainable catchment management

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Multiple Benefits

➡ Through upland restoration



Operation Peatland, Forest of Bowland



Multiple Benefits

➡ Through pond creation



Belford Burn, Northumberland



Multiple Benefits

➡ Through woodland planting



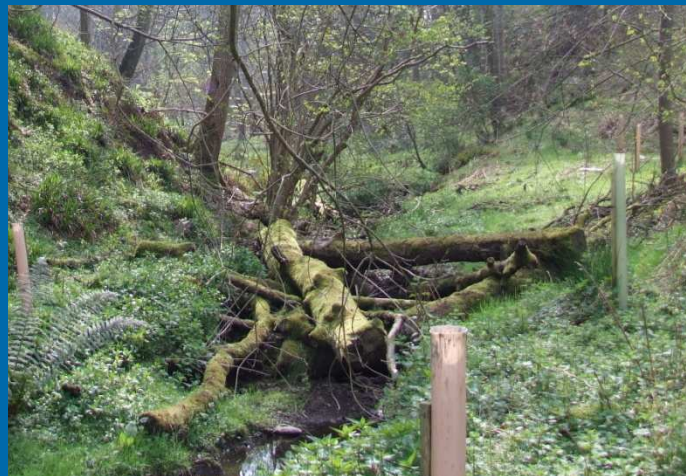
Woodland planting on the Belford Burn



Woodland shelterbelt at Pont Bren

Multiple Benefits

➡ Through woody debris



Woody debris installed in Belford Burn



Woody debris combined with floodplain attenuation at NT Holnicote, Somerset



Leaving woody debris in situ at Holnicote



Multiple Benefits

➡ Through rural wetland creation



Lunt Meadows, North Merseyside

Multiple Benefits

➡ Through flood storage area enhancement



Flood storage area of very limited biodiversity value



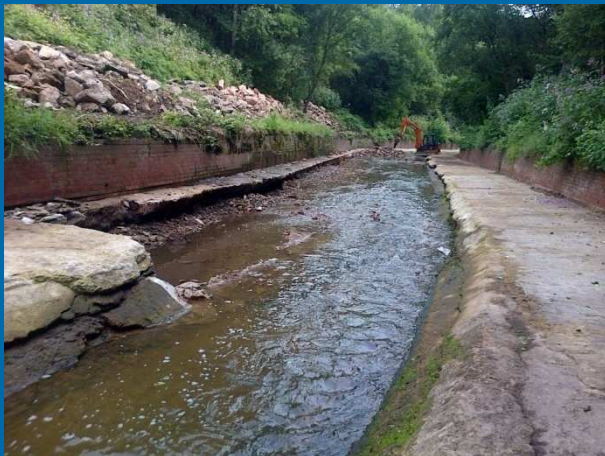
R. Beam Parklands, Dagenham

Multiple Benefits

➡ Through urban river restoration



Restoration of the
R. Medlock at
Clayton Vale LNR,
Manchester



Multiple Benefits

➡ Through urban flood risk management



**River Quaggy at Sutcliffe Park, South London,
before and after flood alleviation work**

Multiple benefits

➡ Through SUDS



Green roof, London



Surface water collection pond, Dunfermline



SUDS for Schools project, Queen Elizabeth Girls' School, Pymmes Brook catchment, North London

Multiple Benefits

➡ Through coastal realignment



**Steart managed realignment project,
Somerset**



KILLER FACT from EA Ecosystem Services Case Studies report: 400 ha Alkborough Flats managed realignment scheme cost app. £10M and provided £12M of storm protection to land and property. Other ecosystems services benefits = app. £1M p.a.

Multiple Benefits

➡ Through soil management



KILLER FACT from Defra Soil Strategy for England 2009: The water treatment cost of soil erosion is app. £21 million p.a. in England. Agriculture is responsible for 75% of the sediment in rivers and 25% of the phosphorus

