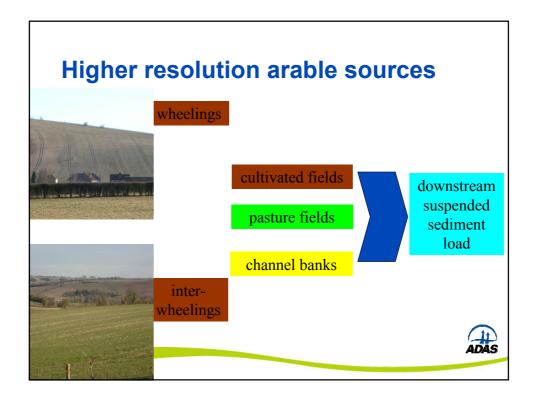
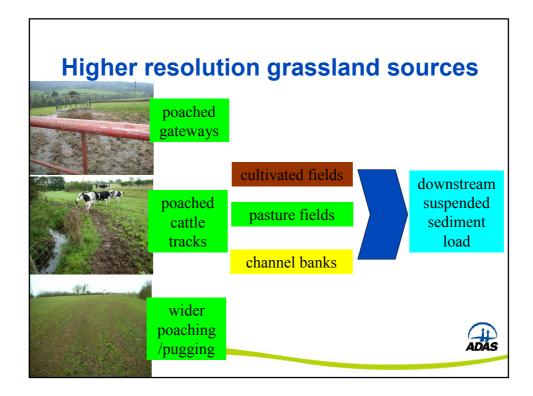


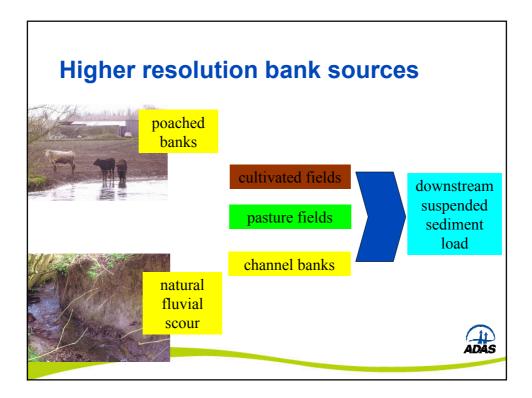
| Date | Random start | Local start |
|---------------------|---------------|----------------|
| 29/10/02 - 19/11/02 | 5 out of 5000 | 12 out of 5000 |
| 19/11/02 - 17/12/02 | 1 out of 5000 | 4 out of 5000 |
| 17/12/02 - 7/01/03 | 3 out of 5000 | 6 out of 5000 |
| 7/01/03 - 4/02/03 | 6 out of 5000 | 6 out of 5000 |
| 4/02/03 - 11/03/03 | 4 out of 5000 | 7 out of 5000 |
| 11/03/03 - 3/07/03 | 2 out of 5000 | 7 out of 5000 |

| Sub-catchment | Local start | Select GA |
|------------------|-------------|-----------|
| Upper Axe | 2817 | Y |
| Temple Brook | 3855 | Y |
| River Synderford | 4964 | Y |
| Blackwater River | 604 | N |
| Kit Brook | 3948 | Y |
| River Yarty | 4904 | Y |



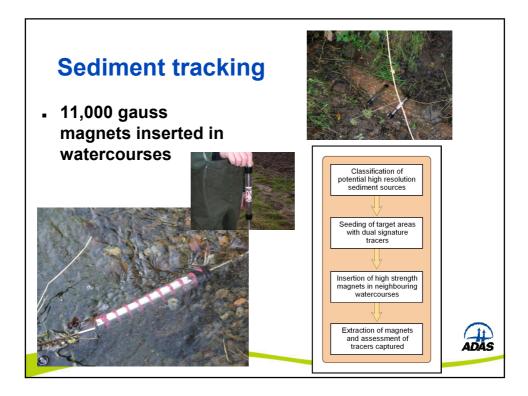


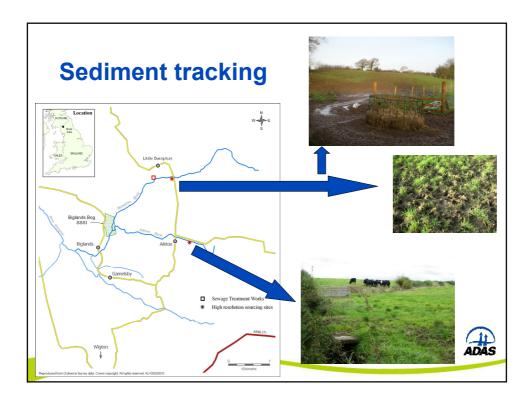


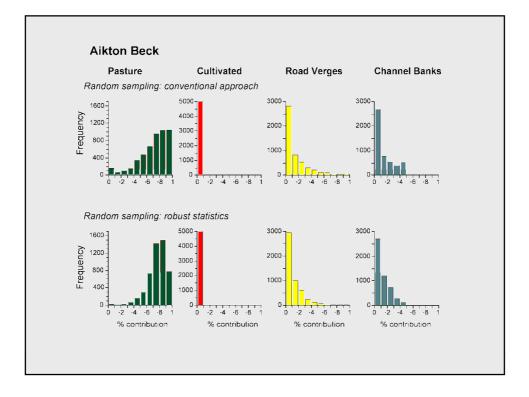


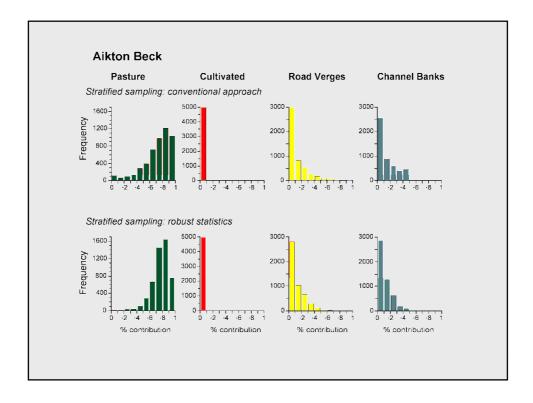
Coupling to CSF capital grant options per unit (£) Relocation of gates (per gate) £136.00 CSF001 CSF002 Water gates (per gate) £120.00 CSF003 Water course fencing A: sheep netting (per m) £1.80 B: high tensile (per m) £1.25 C: post and wire (per m) £1.20 SF004 Fencing for buffer strips, marshes, wet grassland, wet woodland, ponds A: sheep netting (per m) £1.80 B: high tensile (per m) £1.25 CSF005 Solar powered electric fence kits for seasonal fencing (per unit) £40.00 England Catchment Sensitive Farming (CSF) n for grazing liv Livestock drinking bays (per unit) £300.00 Capital Grant Scheme: Farmer Handbook (CSF 3) CSF007 Livestock drinkers and feeders with hard bases A: livestock drinkers with hard base (per unit) £85.00 B: livestock feeders with hard base (per unit) £120.00 CSFoo8 Pasture pumps and associated pipe work (per unit) £195.00 CSFoog Ram pumps and associated pipe work (per unit) £1850.00 Livestock troughs with associated pipe work (as an alternative to livestock drinking from watercourses) (per unit) ADAS CSF010 £85.00 t of run-off and drain: e water, dirty v CF011 Cross drains under farm tracks (per unit) £139.00 Sediment ponds and traps (per m²)

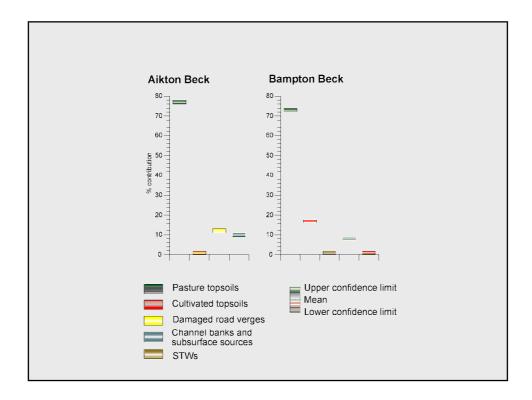


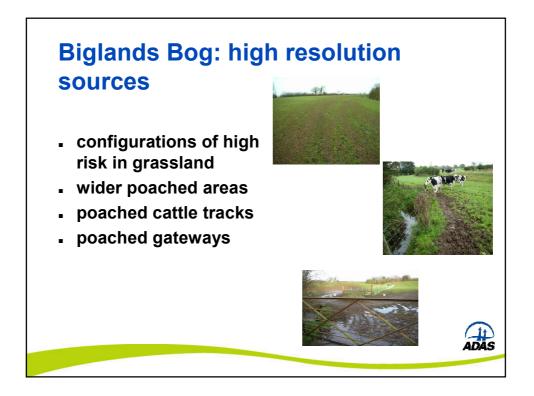


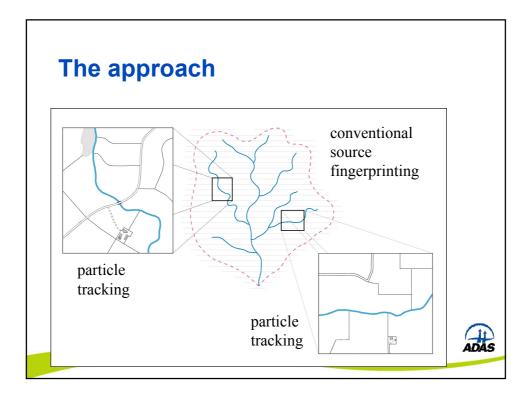


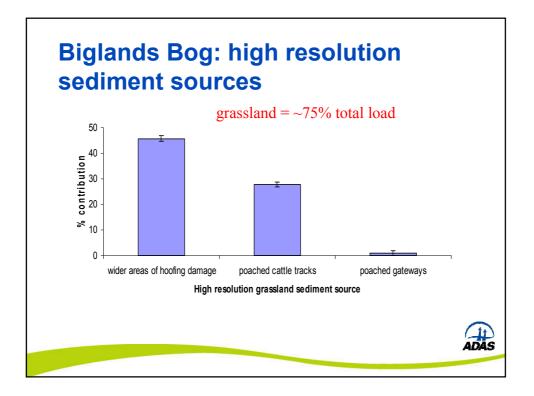


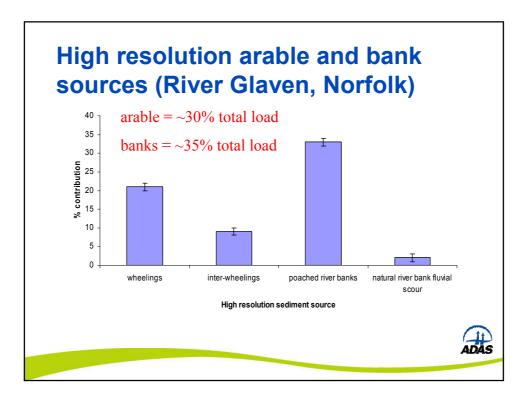








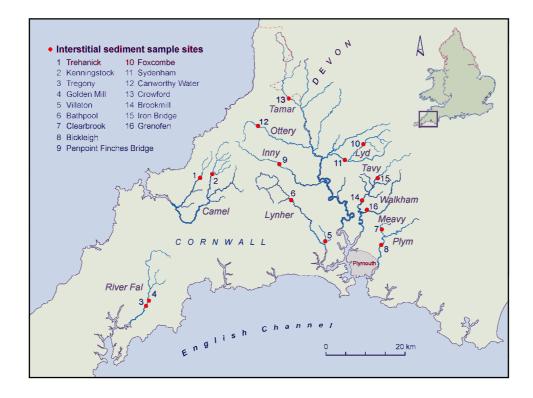


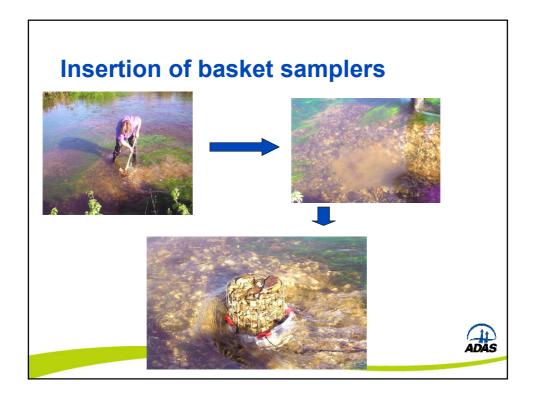


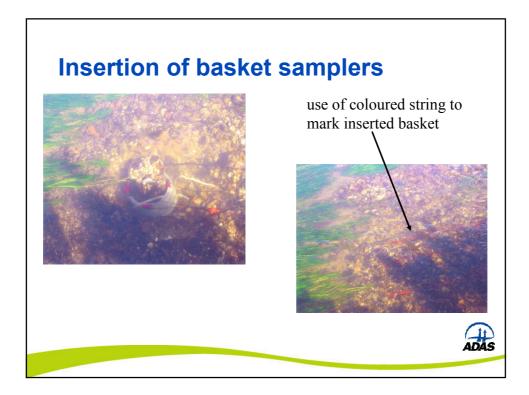


| | litigation method | enec | tive | nes | S |
|----|---|-----------|------------|-----------|-----|
| ID | Mitigation Method | Arable | | Grass | |
| | | Clay Loam | Sandy Loam | Clay Loam | |
| 1 | Convert arable land to extensive grassland | 30 | 80 | - | - |
| 2 | Establish cover crops in the autumn | 5 | 10 | - | - |
| 3 | Cultivate land for crop establishment in spring, not autumn | 5 | 10 | - | - |
| 4 | Adopt minimal cultivation systems | 5 | - | - | - |
| 5 | Cultivate compacted tillage soils | 5 | 5 | - | - |
| 6 | Cultivate and drill across the slope | 1 | 1 | - | - |
| 7 | Leave autumn seedbeds rough | 5 | 5 | - | - |
| 8 | Avoid tramlines over winter | 5 | 10 | - | - |
| 9 | Establish in-field grass buffer strips | 5 | 50 | - | - |
| 10 | Loosen compacted soil layers in grassland fields | - | - | 1 | 1 |
| 11 | Maintain and enhance soil organic matter levels | 1 | 5 | - | - |
| 12 | Allow field drainage systems to deteriorate | 1 | - | 1 | |
| 13 | Reduce overall stocking rates on livestock farms | | - | 10 | 10 |
| 14 | Reduce the length of the grazing day or grazing season | | - | 5 | 5 |
| 15 | Reduce field stocking rates when soils are wet | | | 20 | 20 |
| 16 | Move feed and water troughs at regular intervals | - | | 5 | 5 |
| 39 | Fence off rivers and streams from livestock | | - | 10 | 20 |
| 40 | Construct bridges for livestock crossing rivers and streams | - | - | 5 | 5 |
| 41 | Re-site gateways away from high-risk areas | 1 | 1 | 5 | 5 |
| 42 | Establish new hedges | 5 | 20 | 5 | 5 |
| 43 | Establish riparian buffer strips | 5 | 30 | 5 | 15 |
| 44 | Establish and maintain artificial (constructed) wetlands | 40 | - | 40 | - / |



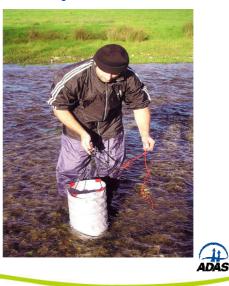


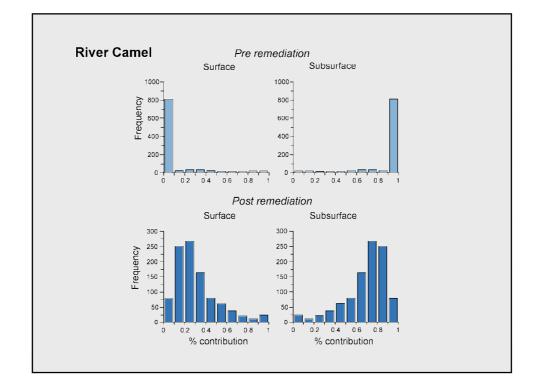


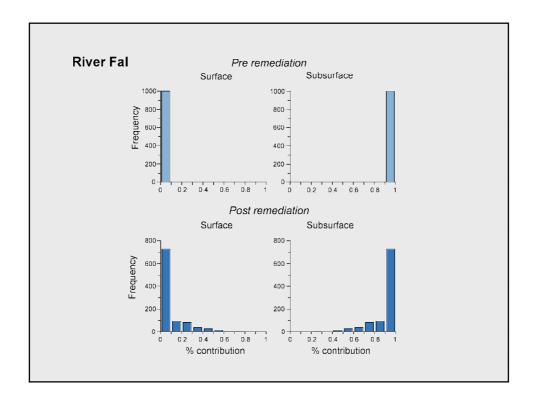


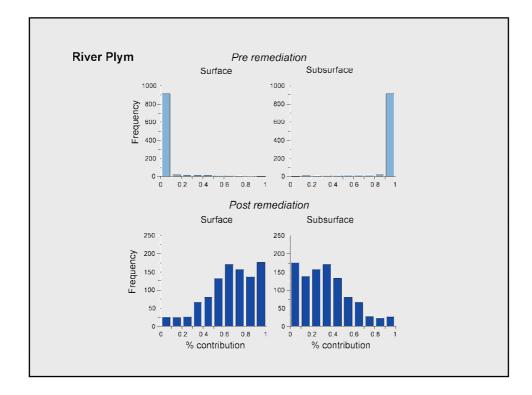
Retrieval of basket samplers

 use of outer sleeve to prevent the winnowing of fine interstitial sediment during basket removal from the river bed



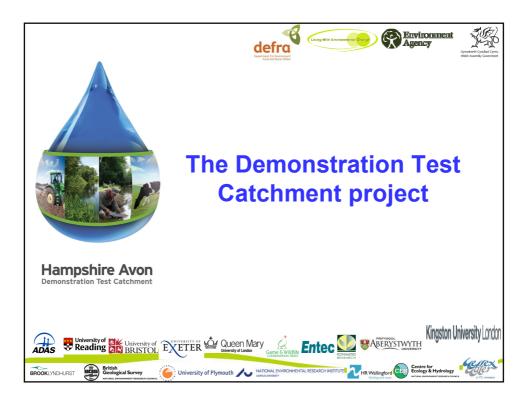


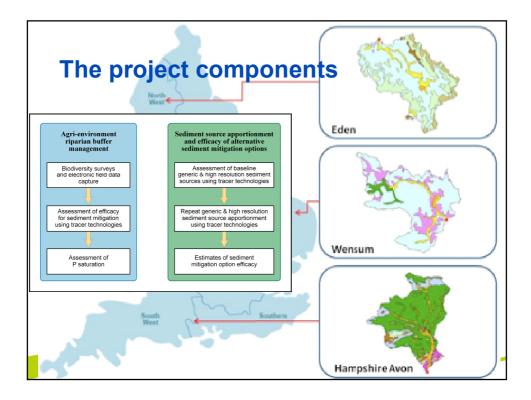


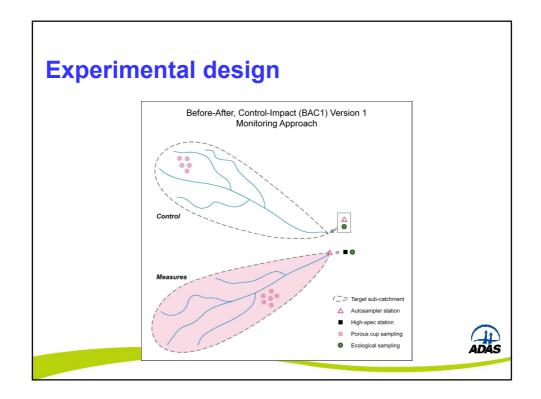


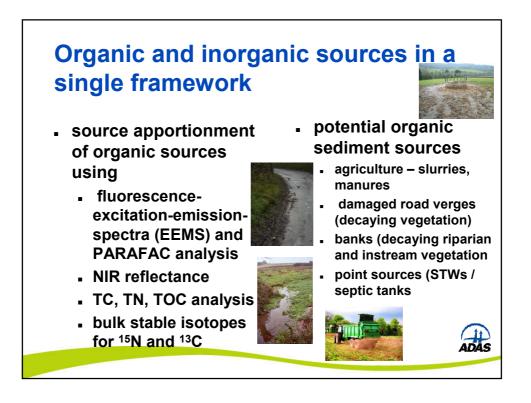


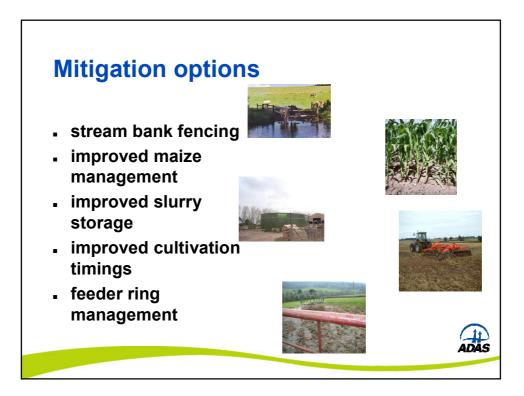












| applicable at a range of scales | |
|---|--------------|
| links inorganic, organic and high resolution sources to channels (not edge of field) | \checkmark |
| encourages assessment of multiple sources / pollutants / configurations of risk | \checkmark |
| contributor to 'weight of evidence' on catchment scale sediment sources and mitigation option efficacy | \checkmark |

