

Arun & Western Streams Catchment Partnership - Current Projects

Sub-catchment	Project	Action	Details	Partners
Rother	South Ambersham Loop restoration	Re-alignment	Increase flow through historic meander to improve fish passage and increase conveyance length of river.	ARRT, EA, Cowdray estate
Ems	Westbourne Mill fish by-pass	Structure	Investigate and undertake measures at Westbourne Mill to increase fish passage.	EA, ARRT, PW
Lavant	CDC Lavant Improvement Works	Riparian fencing	Reducing cattle poaching through addition of fencing and designated crossing points. Planting of bankside trees to increase shade and improve bank stability.	ARRT, CDC, Goodwood estate
Rother	Liss	NFM	Work with Liss Flood Action Group to identify and instate NFM measures to reduce flood issues in Liss.	ARRT, EA, Liss Flood Action Group
Lavant	PW Mid Lavant WTW	Enhancement	Addition of in-channel and floodplain measures to increase in-channel habitat, create offline pond and increase channel sinuosity.	ARRT, PW
Barnham Rife	Barnham Rife Community Project	Engagement	Engagement with the local community around their local river and flooding. Further engagement activities planned.	ARRT, Barnham Parish, Co-op
Rother	Volunteer monitoring - MORPH + Riverfly	Monitoring	Training and support of volunteers to undertake regular MORPH / Riverfly surveys in specified locations.	ARRT, SDNPA
Rother	Western Rother Enhancement Need (WREN project)	Multi-benefit catchment improvement	Whole waterbody improvement - Fish passage, Water Quality, Habitat creation/enhancement	Catchment Partnership, ARRT as lead
Rother	Petersfield Rother Enhancement Project (PREP)	Multi-benefit catchment improvement	Whole waterbody improvement - Fish passage, Water Quality, Habitat creation/enhancement including NFM	Catchment Partnership, ARRT as lead
Arun	Arun Source and Headwaters (ASH project)	Multi-benefit catchment improvement	Whole waterbody improvement - Fish passage, Water Quality, Habitat creation/enhancement including NFM	Catchment Partnership, ARRT as lead
Arun	Pallingham Arun Restoration and Recovery (PARR project)	Multi-benefit catchment improvement	Whole waterbody improvement - Fish passage, Water Quality, Habitat creation/enhancement	Catchment Partnership, ARRT as lead
Western Streams	Downs and Harbours Clean Water Partnership	Nitrate reduction mainly but all diffuse pollution	Reducing the impact rural and urban diffuse pollution has on our local rivers, groundwaters and designated coastal areas	EA, PW, NE
Rother	North Mill by-pass	Fish passage	Installation of fish pass, improved fish movement and access within the catchment	EA
Rother	Channel Payments for Ecosystem Services (CPES)	Reduce diffuse pollution	Rother is one of six pilot catchments which will pay farmers to implement environmentally farming methods	EA, SW, Chichester university
Rother	Stedham mill fish passage improvement	Fish passage	Reverse declines in fish status	EA, ARRT
Chichester Harbour	Chichester Harbour Shellfish Value Evaluation	Payments for Ecosystem Services	Evaluate the value of improved water quality in Chichester Harbour using shellfish as an indicator	EA, SIFCA
Kird	Parishes Wildlife Group	Diffuse pollution	Dragonfly survey and landowner liaison 1/2 done 2017	PWGp, SDNP
Manhood Peninsula	FLOW project, Fixing + Linking Our Wetlands	Diffuse pollution coming off S Downs	Improving condition of wetlands network	MWHG, WSCC, CDC, SWT,
Chichester Harbour	Parkland NFM scheme	daylighting / de-culverting	Project aims to de-culvert / daylight a 150m long of existing surface water sewer. Improving water quality and providing flood attenuation during periods of high rainfall.	WSCC, CDC
Arun	Horsham Park NFM scheme	daylighting / de-culverting	Project aims to de-culvert / daylight a 250m long of existing surface water sewer. Improving water quality and providing flood attenuation during periods of high rainfall.	WSCC, Horsham DC
Rother	Catchment First -working with RVFG and NE CSFOs to reduce pesticides, phosphate and sediment	CSF advice	Longer term approach aligned with and following on from CPES - working with landowners and farmers to reduce pesticides, phosphates and sediment entering the River Rother	SW, Rother Valley Farmers Group, SDNPA, NE, CSF
Arun and Rother	Monitoring R&D project	Monitoring	Develop an integrated catchment monitoring programme to better understand catchment health/performance	SW, EA
Chichester Chalk SGZs	Portsmouth Water farming capital grant scheme	Reduce diffuse pollution	Funding for on farm capital improvements, delivered through Downs & Harbours Clean Water Partnership	TBC
Chichester Chalk SGZs	Portsmouth Water oil tank replacement scheme	Number of installations	Funding for oil tank replacements	TBC
Arun	Arun Valley WEG project (working project title)	Enhancement, Multi-benefit catchment improvement	This project will improve the conservation status and future ecological resilience of the Arun Valley SAC/SPA/Ramsar site. Feasibility studies will inform innovative hydrological and land management to effect a step change in progress towards favourable condition, particularly to benefit breeding waders.	RSPB, SWT, AWB landowners (support: Catchment Partnership, ARRT, AVVG, NFU...)

Key

ARRT	Arun & Rother River Trust
EA	Environment Agency
PW	Portsmouth Water
CDC	Chichester District Council
SDNPA	South Downs National Park Authority
NE	Natural England
SIFCA	Southern Inshore Fisheries & Conservation Authority
PWGp	Parishes Wildlife Group
MWHG	Manhood Wildlife & Heritage Group
WSCC	West Sussex County Council
SWT	Sussex Wildlife Trust
SW	Southern Water
CSF	Catchment Sensitive Farming
AWB	
AVVG	Arun Valley Vision Group
NFU	National Farmers Union