



Nature Driven Design

River Restoration and Wetland Design Solutions

Royal HaskoningDHV is an environmental and engineering consultancy with a strong track record in the planning, design and implementation of river restoration, fish passage enhancement and catchment management projects across the UK.

We use our 'Nature Driven Design' approach to improving the water environment through the restoration of natural processes, recognising the importance of working with natural river processes to deliver sustainable river improvements in a multi-use landscape.

Our current projects include:

- **River channel and floodplain restoration:** Design of channel restoration and gravel augmentation measures on the **River Torridge, Devon** and development of nature-based flood management solutions on the **Combe Haven, East Sussex**.
- **Fish passage enhancement:** Design of fish passage solutions on the **Pembroke River, Pembrokeshire** and **River Wandle, Sutton**.
- **Consenting and site supervision:** Construction project management and site supervision of restoration measures on the **River Nith, Dumfriesshire** and consenting for the restoration of the **Ugbrooke Stream, Devon**.
- **Nutrient and contaminant management:** Development of a nutrient budget calculator and design of treatment wetlands to manage phosphate runoff in the **Rivers Parrett, Tone and Brue in Somerset**, and monitoring and design of a nature-based solution to immobilise mercury-contaminated sediments in the **North River, Surrey**.