



Stonbury deliver a broad range of minor civil engineering maintenance and build programmes within the riverine environment.

Stonbury is equipped to design, build and maintain a range of assets as part of its minor civil engineering construction, maintenance and operation programmes. Projects include, but are not limited to, the following.

**Channel Works**

Stonbury completes a variety of channel modification schemes that result in benefits for public safety and wildlife. Providing both hard and soft engineering solutions, programmes include:

- Dredging and channel excavation works
- Earth, aggregate and geotextile retaining structures for flood defence purposes
- Rock armour, gabion wall and geotextile erosion protection and bank stabilisation

Stonbury also delivers small and large river restoration programmes that restore rivers to their natural morphologies to reduce flood risk and improve biodiversity, conveyance and water quality. As part of some of these programmes, Stonbury install a range of in-river features made from both natural and man-made materials, such as riffles, groynes, faggots and deflectors.

**Build and Maintain**

Teams work throughout the UK delivering maintenance and building works on assets including gauging stations, telemetry

kiosks, pumping stations, culverts, weirs, bridges, outfalls, access infrastructure, pipes and flap valves.

Stonbury also design, fabricate and install made-to-measure solutions such as staircases and debris screens, drainage and access trackways, and infrastructure to support biodiversity such as Larinier pumped and gravity-fed fish and eel passes, and pond aeration pump systems.

**MEICA**

MEICA components are installed within many schemes. Examples include gauging station radar arms and water flow control equipment non-return valves, penstocks, and isolation stoplogs.

**Operational Support**

Providing labour to support asset operations, Stonbury's teams are active in assisting the Environment Agency and other clients. Examples include asset condition inspections, trash screen clearances, flood gate and lock operations, mobile pumping and temporary works.

**Emergency Response**

As part of a current framework, Stonbury's specialist teams are on stand-by for out-of-hours and emergency response works during floods, droughts, asset failures and other incidents. The teams, trained in water safety and incident response, are experienced at working near water and within rivers and other water bodies such as canals and lakes.