

LOCATION - BOWMONT VALLEY, SCOTTISH BORDERS

Project Brief: Through the Farm Resilience Planning approach being developed through Cheviot Futures Project, a key issue identified for Clifton-on-Bowmont was that of flood risk and associated river bank erosion. Working with the Farmer, a Programme of works was developed and implemented to showcase four different approaches to green bank protection works, in line with SEPA authorization requirements, to protect against further erosion, and assist the repair and stabilization of the riverbank. Filtrex SoxX were chosen as one of the four options.

Before - the eroded riverbank at Clifton-on-Bowmont



Blower Truck filling soxx from 60m away



Solution: Filtrex SoxX were filled with compost injected with native river bank seeds using Scotbark's Express Blower Delivery System. The use of the Express Blower meant that the access issue could be overcome and the soxx filled on-site without the need for heavy plant which would have damaged the surrounding area.

The SoxX was anchored to the existing river bank with geo grid textile, lock down net and platypus anchors. Locally sourced large stones were placed at the upstream end of the installation for 20m for toe reinforcement. The remainder of the installation will be monitored for toe cutting.

Installation complete



6 weeks after installation showing good vegetation growth from the pre-seeded compost

