

Award-winning sustainability insights on a major replanting scheme

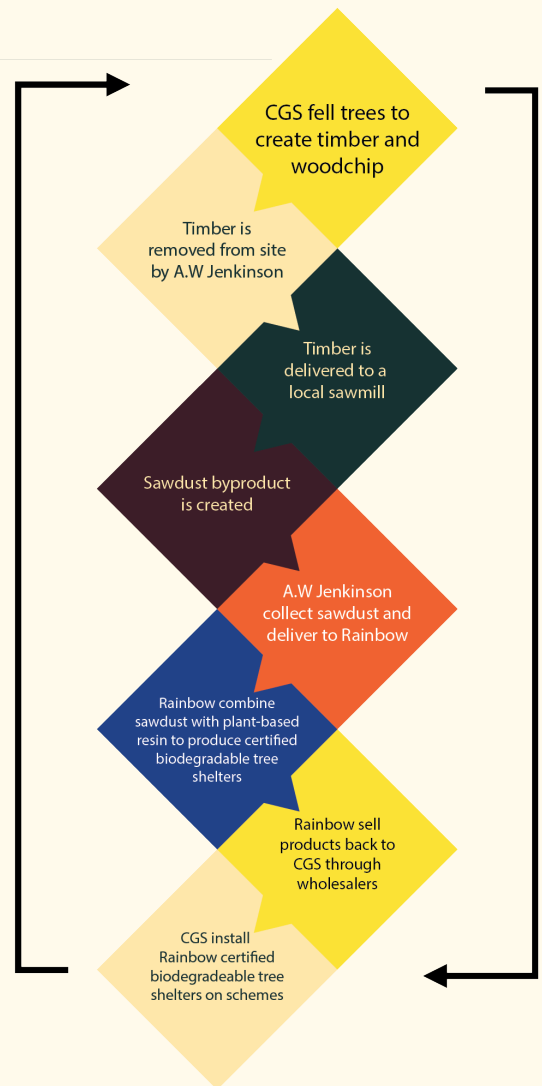
Chevron Green Services, was appointed by National Highways and Ringway to review previous landscaping which hadn't performed as hoped. It was clear that a more sustainable approach was required, which is how the partnership with Grown in Britain and Rainbow came about.

The Challenge

We wanted to implement as many sustainable measures as possible on this project, not only for nature enhancement, but also for the benefit of the local communities.

To create a sustainable replanting approach, we sought to work collaboratively with partners who could help us achieve our goals. Grown in Britain, are leading the way in driving best-practice sourcing of wood and timber, provided us with support and expertise. Their certification scheme champions the use of UK timber at every stage of the forest product supply chain, and they introduced us to Rainbow.

Rainbow are Grown in Britain certificate holders who have a strong environmentally friendly ethos. They manufacture fully certified biodegradable tree shelters for the forestry industry.



“We were thrilled to partner with Chevron Green Services on this National Highways project, adopting a forward-thinking “Wood for Wood” approach for sustainability. CGS recognised the environmental benefits, moving away from oil-based products, reducing carbon footprint, and helping to reduce potential litter in the environment.”
Pierre Talpe, Director, Rainbow

Our Solutions

With the full support of our clients, we initiated a number of solutions to ensure the replanted trees had the best chance of success.

Planting to the conditions

After taking soil samples, we could see that there was a benefit in using soil improvers and slow-release fertilisers to increase the likelihood that the trees would survive. We also looked at typical weather conditions in the area and used tree species which responded particularly well to dry weather.

Local suppliers

We used a local nursery for our tree stock, implementing 'just in time' deliveries every few days, which meant that the trees were out of the ground for the shortest amount of time possible. Using local suppliers, not only supported the local economy but helped in the reduction of carbon on the project.

Certified biodegradable tree guards

The Rainbow certified biodegradable tree shelters used are made from 100% recycled plant-based materials, the wood fibres used to create the guards are Grown in Britain certified and originated in the UK. The use of certified biodegradable tree shelters allows the tree shelters to remain in-situ after the trees no longer require the shelters to grow. This reduces the number of maintenance interventions required. With fewer site visits, we enhance worker safety, meaning fewer issues with worker slips, trips and falls. Fewer trips to site of the life-cycle of the project means carbon efficiencies for the scheme overall.



Carbon reduction of 737kg CO₂e. Which equates to 1,200 road miles. Additionally 17,500 litres of crude oil have been avoided from production.

“It’s brilliant to see Grown in Britain Certified Wood Flour become such an integral part of an eco tree shelter. There’s something beautifully circular about nature growing a material which becomes part of a product that not only helps young trees to thrive, but then melts back into the soil to feed the tree as it matures, so it can become sustainable GiB products for future generations.”

Dougal Driver, CEO
Grown in Britain



Grown in Britain



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This project has been awarded a prestigious Green Apple Environment Award, and a Green World Environment Award.