

Sustainability insights on a major replanting scheme

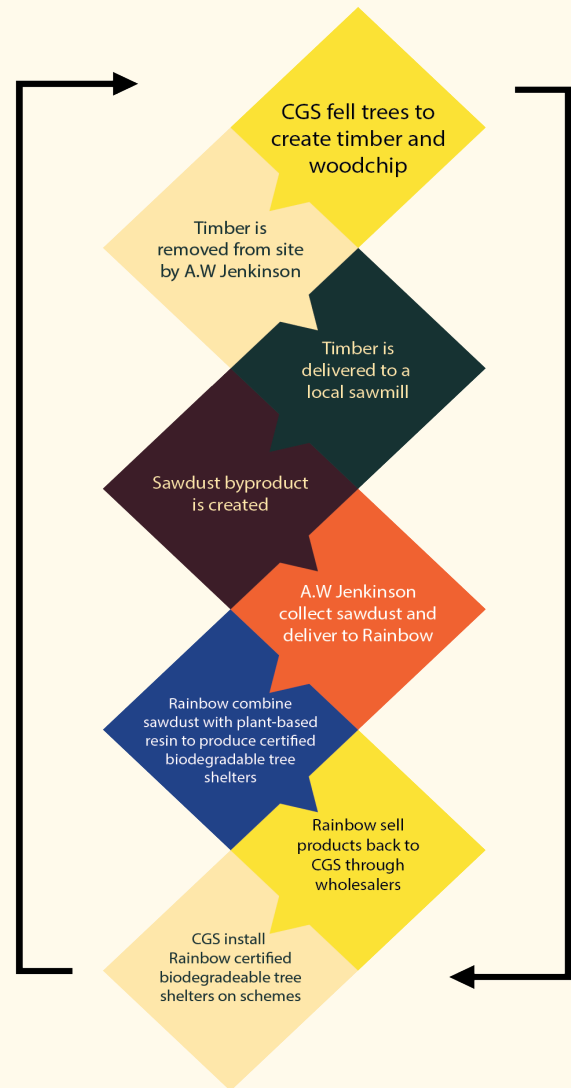
Chevron Green Services was appointed by National Highways and Ringway to review previous landscaping which hadn't performed as hoped. Recognising the need for a sustainable approach to the replanting, CGS brought Grown in Britain and Rainbow onto the project team.

The Challenge

Working with environmentally proactive clients, the project team aimed to implement as many sustainable measures as possible, enhancing nature and benefiting the local communities.

To create a sustainable replanting approach, CGS sought to work collaboratively with partners who could help us achieve our goals. Grown in Britain, a leader in best-practice sourcing of wood and timber, provided us with invaluable support and expertise. Their certification scheme champions the use of UK timber throughout the entire forest product supply chain, and they introduced us to Rainbow.

Rainbow, a Grown in Britain certificate holder, manufactures 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 that replanting the 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 the local climate.

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

