TUBULARS
CASE STUDY

GROUND SOURCE HEATING SCHEME

SUPPLY OF STEEL CASING FOR THE INSTALLATION OF AN OPEN LOOP GROUND SOURCE HEATING SCHEME

Using John Lawrie Tubulars' repurposed tubular products and bespoke procedures saved this project 218.67t CO_2e. That's a 97.21% saving over the production of new prime steel products.

Highlights

Client:	WB + AD Morgan
Location:	Scunthorpe, UK
Project:	Supply of drill rods as well as steel tubulars for piling
Supply of:	240m of 127mm drill rods 30m of 340mm rope casing 1400m of 9 5/8" casing

Project Summary

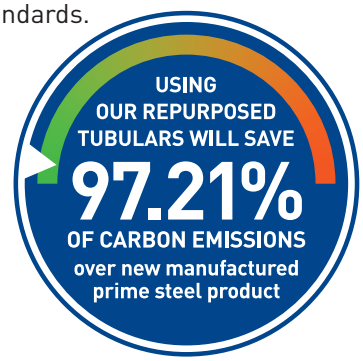
Working for a central government department, WB + AD Morgan won a tender to install an open loop ground source heating scheme for a large public building.

The team from WB + AD Morgan initially drilled two boreholes to facilitate testing the ground's capacity to support the required flow rate and return of water, which needed to be 32 litres per second.

The first borehole was drilled to 550m and the second to 380m. Both were lined with John Lawrie Tubulars' repurposed casing pipe which supported the government department's decarbonisation ambitions.

With the reinjection borehole proving to be effective, the project was delivered on time, on budget and to environmentally efficient standards.

For this project, a reduction of **218.67t** CO_2e was achieved through the use of John Lawrie Tubulars' repurposed steel pipe.



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