

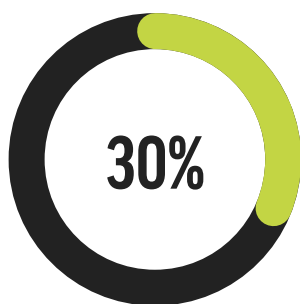
National Gas Feeder 3 Pipeline Diversion

Soil Science Installed access roads, compounds and working platforms for A.Hak Pipeline & Facilities UK on the National Gas Feeder 3 Pipeline Diversion scheme in August and September 2023.

SUREGROUND™

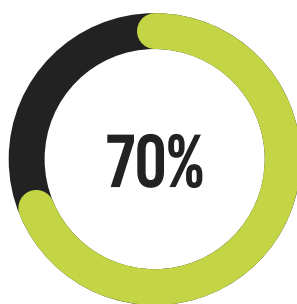
Reversible Soil Enhancement System

COST SAVING



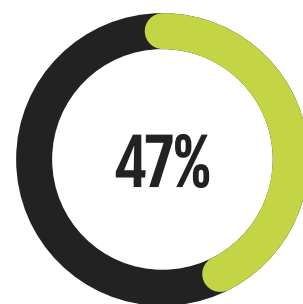
**Installation - Further reduction for Maintenance & Decom*

PROGRAMME REDUCTION



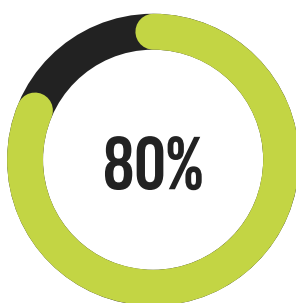
**Installation - Further reduction for Maintenance & Decom*

CARBON REDUCTION



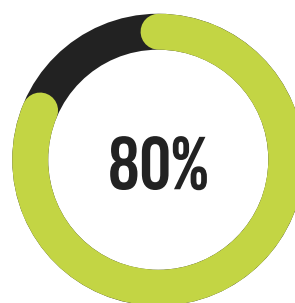
**Installation & Decom - Further reduction for Maintenance*

AGGREGATE REDUCTION



**12,813t reduction in imported aggregate. Further reduction for decom*

VEHICLE MOVEMENTS



**Reduced by circa 711 vehicle movements*

National Gas Feeder 3 Pipeline Diversion

Project: National Gas Feeder 3 Pipeline Diversion

Location: Norfolk

Client: A.Hak Pipeline & Facilities UK

Area Covered: 13,400 m²

SUREGROUND™

Reversible Soil Enhancement System

Soil Science began testing and sampling in July 2023, for A.Hak on the National Gas Diversion scheme in Norfolk. This being a vital aspect of the pre-construction activities prior to installing compounds, haul roads and working platforms for the enabling works for the Gas diversion scheme. Pre-Construction activities also included Landowner meetings to discuss the methodology being used.

Using SUREGROUND (Patent Pending) reversible binder, Soil Science then enhanced existing subsoil on site to achieve a minimum of 350kn/M2, in many areas on the project this well exceeded 700kn/m2 without affecting the agreed contract value for the works. Following this, Soil Science then laid and compacted 100mm of type one as a protective layer.

The SUREGROUND process was chosen over the traditional design depth of 500mm to meet site temporary works requirements, thus giving the project significant reductions in carbon, vehicle movements, programme and cost.

Soil Science will reverse the process, as part of the decommissioning phase on completion of the main works in 2024, recycling all aggregate on site and returning soils to their original properties, prior to agricultural processes. The decommissioning will also include further testing regimes to give quality assurance to A.Hak when handing back the land parcels to their client, National Gas and the local landowners.



Soil Science Limited is part of the GRS Group



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