

# Green is a trend. **Sustainability** is our mindset.

## **We are Lynch**

Leading provider of Operated and Self-Drive Plant Hire, Haulage and Transport Services to the UK construction industry, helping our customers build Britain's infrastructure.

## **We are committed to reaching Net Zero by 2040**

Our investment in Eco Operator training drives behavioural change and by educating operators on their carbon footprint, we help them reduce unnecessary idling. By analysing data from the machines' API feeds and telemetry platforms, we identify drivers who need support and follow up with one-to-one training on site.

Initially created for Lynch Operators in 2018, the programme is now a nationally recognised course for NOCN SiteRight and the Construction Plant-Hire Association. Our training has been implemented within the industry, driving the low-carbon agenda across the whole sector.

## **Our work on Washwood Heath – High Speed 2 (HS2)**

Lynch are currently supporting with main works across the HS2 project – the high-speed railway line that links London, the Midlands, the North and Scotland. HS2 journeys will be low carbon, reduce emissions from other modes of transport and be increasingly powered by renewable energy sources.

We are working across the 8 sublots at Washwood Heath, near the heart of HS2 in Birmingham. We are collaborating with Balfour Beatty Vinci (BBV) and their subcontractor Duo to reach their sustainability goals throughout the project, and by providing Eco Operator training over a 3-month period, we are saving fuel and reducing carbon emissions.

## **Our trial**

We delivered our Eco Operator programme to Excavator, Dumptruck and Backhoe Loader operators from September to November, improving efficiency and lowering emissions.

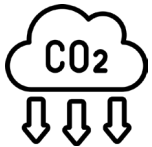
As the temperatures dropped in those Autumn months, we would expect to see an increase in idling of up to an additional 10%, due to longer warm-up times and greater reliance on in-cab heaters. By encouraging better communication across the site and educating our drivers when to turn the machine off and use the facilities on-site, we've managed to maintain green idling.

## Results

We saw an overall reduction in idling from

**43.9%** to **34.4%**

Leading to...



Reduction in CO2 emissions, from **37,558kg** to **28,217kg**.



Reduction in fuel burned, from **14,479l** to **10,878l**.



Cost saving of **over £5,000**.

**“Eco Operator is training that allows sustainability to be put into practice; communicating the process with those that will be implementing it. It teaches the practicalities of running plant to its optimum, educating operators and supervisors in turn, a real game changer.”**

**Eddie Tapper**

Works Manager for Balfour Beatty Vinci