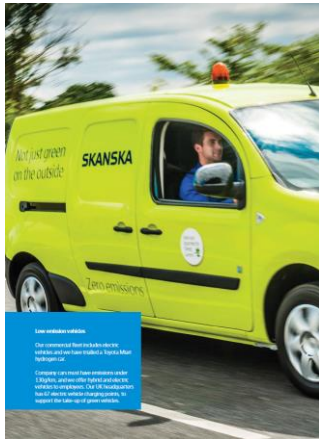


Green Travel – Skanska

By Nigel Sagar, Senior Environmental Compliance Manager



Purpose of Project

- To decarbonise our company fleet as fast as technology allows.
- To have the lowest emissions company fleet in the industry.
- To always use the greenest method of transport

General Background of the project

- Review of EV / hybrid vehicles available to add to the company car list for staff.
- Installation of EV charge points at our offices for staff to recharge their vehicles during the day to support the take up of green vehicles.
- 67 “PodPoint” electric vehicle charging points installed at our UK

HQ at Maple Cross together with the capacity for another 170 more, 14 at our Doncaster office and for other office locations around the UK we reused the 10 old electric vehicle charging points we removed from Maple Cross

- Trialling Toyota Mirai hydrogen car from our Maple Cross office

Key Activity of the Project

- To promote greener methods of transportation that includes trialling electric vans on our maintenance projects and using rail freight and barges instead of road transport for materials and waste.
- To promote electric vehicles and invest in charging points at our offices.
- To continually review the CO₂ limit we allow for company vehicles.

Benefits of the project

- Since the installation of the electric vehicle charging points at Maple Cross in March 2018 we have estimated that:-
 - 41,400 kWh of electricity used equating to about 160,000 driving miles
 - £16,000 saved on fuel allowing for the cost of electricity used
 - 150 drivers are registered to use the charging points
 - The cost of the installation was subsidised through the government workplace charging scheme grant
- More efficient vehicles and fewer journeys means reduced carbon emissions and fuel costs.
- Reduced air pollution from vehicle emissions

Project Next Steps

- Monitoring and communicating the savings for using electric / hydrogen vehicles
- Expanding the range of vehicles, we have on the company car list for staff
- Trialling different types of electric / hydrogen commercial vehicles - Renault Kangoo and ZE Symbio hydrogen fuel cell electric vans (hydrogen fuel cell extends battery life and increases the range up to 250 miles).



EV charging points at Doncaster office



EV charging points at Maple Cross office