



Case Study

Clackmannanshire Council goes electric to reduce grey fleet miles

Challenge

Clackmannanshire Council had a major organisational change to manage the move of 700 employees from multiple sites to a single new headquarters in Kilncraigs, Alloa. As well as the challenges this move presented, it also offered the Council a number of opportunities, including the right time to reassess its transport policies and reduce grey fleet mileage (the use of employee-owned cars for business purposes) and carbon emissions.

Solution

Working with Energy Saving Trust (EST), the Council completed a Grey Fleet Review which included an assessment of current business transport needs and transport policies. Grey fleet has a significant and often underestimated impact on three key areas: finances, environmental sustainability and health and safety.

EST identified that by integrating existing electric vehicles (EVs) into the Council's pool fleet, it could help meet business transport needs and reduce fleet fuel emissions. Using Energy Saving Trust recommendations, the Council set up a feasibility trial to measure savings.

For more information and to find out how Energy Saving Trust can help you cut carbon emissions and save money, visit our website

www.energysavingtrust.org.uk/scotland/fleet
or email sustainabletransport@est.org.uk

Result

Allowing EVs to be used as pool fleet vehicles has been a clear success, enabling the Council to reduce pool fleet mileage by 2,290 miles and grey fleet mileage by 1,204 miles during the six-month trial.

The trial helped the Council to explore how charging could be implemented at its premises, what the infrastructure costs would be and how the whole life costs compared with conventionally fuelled vehicles. As a result of the trial's success, the Council procured two Renault Kangoo vans on a trial basis within the Roads team and now has a total of four EVs and a pavement sweeper.

The Council is continuing to monitor low emission technology in preparation for integrating more vehicles into its fleet, which will generate further efficiency gains and savings.

“The electric vehicles have been well-received by staff and there have been no major issues with the relatively short range of the vehicles, due to the small geographical area of Clackmannanshire. The vans have already been adapted to accommodate reflective strips on the rear, flashing beacons and a bike rack for transporting the Council pool bikes to outlying areas. Staff are benefiting from using vans which allow them to fully comply with health and safety when undertaking work journeys and the Council is moving one step closer to achieving its carbon reduction commitments.”

**Lesley Deans, Principal Transportation Planner,
Clackmannanshire Council**



**Clackmannanshire
Council**



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