

**energy
saving
trust**

How can Energy Saving Trust help?

Questions and suggestions

Gordon Manson

25.05.23



Fleet decarbonisation

Your key challenges

What are your key challenges?

Funding

- Significant investment needed for zero emission vehicles and supporting infrastructure
- Government funding now reduced
- Local authority fleet budgets increasingly squeezed
- Electric vehicles more expensive than petrol/diesel equivalents

Supply chain

- Supply chain delays (electric vehicles and charging infrastructure)

Infrastructure

- Limitations to depot power supply
- Slow process for requesting power upgrades from DNOs
- Insurance and health and safety challenges to wall-mounted depot charge points

Staff and support

- Lack of staff resource and skills
- Suboptimal coordination/communication between LA departments
- Lack of strategy from senior council leadership

Thoughts from the floor...

Fleet decarbonisation

Possible solutions

Possible solutions?

Funding

- Explore private sector finance for both vehicles and infrastructure
- Explore variety of frameworks for procuring electric vehicles (hunt down best value)
- Focus on total cost of ownership (TCO) when considering financial case
- Focus on decarbonising the highest emitting cars and vans (target based on emissions)

Skills and knowledge

- Attend Energy Saving Trust's fleet decarbonisation forum
- Access Energy Saving Trust's fleet decarbonisation guide

Infrastructure

- Explore innovative collaborative approaches to charging infrastructure (the development of shared infrastructure between public bodies)
- Extract key learnings from Highland Pathfinder project
- Investigate ways of linking-up departments within the local authority more effectively (working groups)

Staff and support

- Explore staff support available from Energy Saving Trust in 2023-24

How could Energy Saving Trust help?

Possible support tasks

Support ideas – areas to explore

Information and analysis

- What additional analysis or information would help further develop your decarbonisation plans?

Staff resource

- Would Energy Saving Trust acting as additional staff resource be helpful? How might you use this?

Internal decision-making

- Would it be helpful to map out the ideal collaboration structure with the council?
- Could we support in bringing together/coordinating the key internal departments involved in fleet decarbonisation
- Could we support in developing an effective business case to persuade senior council leaders to invest?
- Punchy case study examples to support internal business cases?
- Updated total cost of ownership (TCO) analysis?

Depot charging infrastructure

- Electric vehicle charging infrastructure (EVCI) analysis for key depots to support investment.
- Support with speeding up processes with DNOs
- Investigate/flag local charging infrastructure sharing opportunities (with public or private sector partners)

Skills and knowledge

- Set up a live teams group for live ideas/experience sharing across the group (similar to group currently being run in England)
- Bespoke training for team members (eg training on vehicle options, training on charging infrastructure options) – upskilling members of the wider team

Clarity on targets and priorities

- A clear overview of Transport Scotland's suggested priorities for fleet managers

Final thoughts

Final thoughts

- Climate change biggest challenge humanity faces (the need for action is increasingly evident)
- Public sector bodies are important in promoting and normalising the transition to zero emission vehicles (you are leaders) – communities look to local authorities for leadership
- Good progress has been made on vehicles, infrastructure and knowledge and skills
- With reduced budgets, collaboration and innovative thinking will be key
- Keep trying to make progress, every vehicle we decarbonise is a step in the right direction

Have a think about tasks/projects that would help you – contact us with any suggestions:

Gordon.Manson@est.org.uk

Iain.MacLeod@est.org.uk

energy
saving
trust

Thank you

