

## Appendix 2

### Stories received via Let's Talk Electric Vehicles

#### Battery Power/Thank Heaven for Global Warming

20 May 2021

The thought of having in the near future, to drive a Battery Powered Car is eased a little by the fact that the World is entering a phase of.....Global Warming!!!

During my Army service through a Korean Winter in . the 1950's the Arctic Weather made life a misery.

I was running our Units battery charging station in the back of a canvas sided Bedford lorry, facing every morning the task of thawing the Top Up water, and hopeful that the generator diesel would not run from the refuelling Jerry can like syrup.

At minus 20 and below, the storage capacity of the cells were reduced by much as half, making it necessary for very frequent replacement to take place to keep the communication circuits working, and making a nonsense of milder weather running schedules.

Therefore from this experience I will never feel confident to rely only on battery power for a long Winter journey.

The best solution would be to opt for a Hybrid compromise, or follow the birds and..... Move South in the Winter.

Mother Nature knows Best!



## A great car made better by infrastructure

24 Apr 2021

I bought a second hand, low range electric car two years ago. I use it mainly for commuting, shopping and local leisure trips. I charge it overnight at home.

For me, with a dedicated private driveway, owning an EV has been a breeze. However, RCT borough is one of the worst places in the UK for public charging. As I write this there are no public rapid chargers in the borough, the only borough in Wales where this is the case, and slower destination charging is very thin on the ground.

We live in a borough with a higher proportion of properties with no off street parking, thanks to when the majority of our housing was built, so public charging is vital to getting more EV drivers.

There are lots of ways the Council can help, here are a few:

- 1) Insist on public charging points in ALL new commercial premises with car parks as part of the planning process, or any existing commercial premises looking to expand, e.g. supermarket returns. This costs the Council nothing.
- 2) Put charging points in facilities owned by the Council such as Park and Ride facilities, offices and leisure centres but put them away from the entrance so they are not blocked by drivers looking for convenient parking. Providers like Instavolt and Osprey will pay the costs if they are given appropriate sites, so again this has the potential to cost the Council nothing.
- 3) Work with companies such as Connected Kerb to add in slower charging solutions in residential streets which can be used overnight. They also provide fast internet as part of the install, so it benefits residents in more ways than one.

