

CONGLETON TOWN COUNCIL

COMMITTEE REPORTS AND UPDATES

COMMITTEE:	Environment Committee																	
MEETING DATE AND TIME	3 rd April 2025 7.00 pm	LOCATION	Town Hall															
REPORT FROM	Streetscape Development Manager – Ruth Burgess																	
AGENDA ITEM	13																	
REPORT TITLE	Electric Vehicle Update																	
Update	<p><u>Battery/ electric operated machinery and vehicles</u></p> <p>As you are aware there has been long discussion and investigations into reducing our fleet and purchasing/leasing electric/hybrid vehicles, instead of the Ford Transit vans that we currently use.</p> <p>From the investigation work, we have had meetings with both Cheshire East Council and the company they currently use for their Fleet, as well as the lease we currently use within Congleton Town Council, with many conversations and options spoken about.</p> <p>*Costings to be provided at the meeting</p> <p><u>Remaining fleet</u></p> <p>Current vehicle – small box van :</p> <p>To confirm our current lease company can supply the Renault Kangoo ZE 33 – Business + model at a monthly rate of between £425.00 - £450.00.</p> <p>This is based on 36 months/10,000 miles per annum and the excess mileage is 12 ppm. Please see below information which may be of some use to you.</p> <div><div><p>YOUR VEHICLE</p><p>engine</p><p>R60</p><p>battery</p><p>Z.E.33</p><p>YOUR CHARGE LEVEL</p><p>Initial 0%</p><p>Target 95%</p></div><div><p>YOUR CHARGING TIME</p><table><tr><th colspan="4">Public Charger / Wallbox</th><th>Fast charger</th></tr><tr><td>7.4kW (32A)</td><td>22kW (3x32A)</td><td>3.7kW (16A)</td><td>11kW (3x16A)</td><td>43kW (3x62A)</td></tr><tr><td>5h11</td><td>5h11</td><td>9h55</td><td>9h55</td><td>5h11</td></tr></table><p>Recharged driving range up to 170 mi</p><p><small>For a WLTP (Worldwide Harmonized Light vehicles Test Procedure) certified combined cycle driving range of combined with a Z.E.33 battery.</small></p></div></div> <p><u>Current Ford Transit tipper vans x 6</u></p> <p>A like-for-like electric vehicle is currently not on the market, we are on a waiting list with our current lease company unfortunately many other customers of theirs are also on their waiting list too, Ruth Burgess has met with the rep to discuss the current rolling contract, and they have advised that if we request a new rolling contract until electric vehicles come available they this would be a new contract which would be at the new inflated rate, we are currently on a lower rate from when we originally signed the contract (18/04/18).</p>			Public Charger / Wallbox				Fast charger	7.4kW (32A)	22kW (3x32A)	3.7kW (16A)	11kW (3x16A)	43kW (3x62A)	5h11	5h11	9h55	9h55	5h11
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	<p><u>Feedback from CEC</u></p> <p>Cheshire East Cleansing Team have invested 9 new electric vehicles, their feedback is below :</p> <p>We currently have 9 x Ford Single-cab Transits and 1 team leader type van (BYD) on street cleansing.</p> <p><i>As with all new vehicles there have been some teething troubles, and we are still trying to work with Ford and BYD to resolve maintenance issues in a timely manner. The Ford Transit is good to drive, we had some with cages and tail lifts and the build on these are also good. The BYD is basic but does the job.</i></p> <p><i>FordPro telematics is a really useful product which is free for 12 months and records driver behaviour as well as tracks the vehicles too.</i></p> <p><i>Drivers need a C1 licence or attend an alternatively fuelled vehicle course, as the vehicles are over 3.5 tonnes.</i></p> <p><i>Our main issue is 'range anxiety' due to our location and the proximity of the work we carry out, Our current range is approx. 100 miles but this doesn't always mean they can travel 100 miles, it is very much dependent on the driver's behaviour (harsh braking and speeding) as well as the weather conditions and the weight carried.</i></p> <p><i>The council have invested significantly in the infrastructure to charge the vehicles, and they do need to be plugged in overnight, but we have one fast-charge on site for a top-up during the day. The off-site chargers are expensive to use.</i></p> <p><i>The last thing to note is that to date as far as I am aware there is no EV that would be suitable for grounds activities, i.e. a crew cab to store materials/equipment and the ability to tow but I know that we are still looking.</i></p>
Financial Considerations	None currently.
Environmental Considerations	A move to electric vehicles would help us reduce our carbon footprint and contribute to improved air quality. However, EV charging is only environmentally friendly if renewable energy via a green tariff is sourced.
Equality Considerations	The sourcing of batteries for electric vehicles is controversial due to its reliance on mining of materials in countries where appalling working conditions and use of child labour are known to exist.
Decision Requested	To receive the update report.

Appendix 1

Streetscape Vehicle Mileage

Quartix

Vehicle	Vehicle usage	Estimated consumption	Mileage this month	CO2 emissions (kg)	Estimated closing mileage
JY18 XXC, Ford Transit - Rob Simon	67.7%	25.0 mpg	237.3 miles	115.8	12317.6 miles
YJ18 YBC, Ford Transit Andy	83.9%	25.0 mpg	710.6 miles	346.3	22796.1 miles
YJ18 YFA, Ford Transit Chris	32.3%	25.0 mpg	103.7 miles	50.7	25755.1 miles
YJ18 XWB, Ford Transit Dave and Jim	61.3%	25.0 mpg	227.7 miles	111.0	11302.1 miles
YJ18 YCZ, Ford Transit Mick	71.0%	25.0 mpg	140.4 miles	68.3	6691.7 miles
YJ18 XZV, Ford Transit Noel	67.7%	25.0 mpg	657.7 miles	320.5	26104.4 miles
YJ18 XZF, Ford Transit Terry	0.0%	25.0 mpg	0.0 miles	0.0	13522.1 miles
MA18 EEP, Peugeot Partner	58.1%	25.0 mpg	368.5 miles	179.6	12957.7 miles
AJ13 YBX, Toro Gm3400 Andy	22.6%	25.0 mpg	0.1 miles	0.0	0.0 miles
AJ13 YBY, Toro Lt3340 Pete	22.6%	25.0 mpg	0.1 miles	0.0	0.0 miles