

West Yorkshire Low Emission Taxi Project

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Wellbeing



City of
BRADFORD
METROPOLITAN DISTRICT COUNCIL

Why are we doing this?

- Air pollution – we have a stubborn issue in Bradford
- Health – it's affecting vulnerable people
- Diesel vehicles are the major source of emissions
- Technology is developing fast
- Zero tail pipe emissions / clean air
- Reduced running costs



Air pollution & health

- We are exceeding safe limits
- The worst affected live in urban areas
- Premature death from respiratory illness
- We are 'above' safe levels
- Regulation on clean air zones



Ultra Low Emission Vehicles



**VW GTE
Hybrid**



**Nissan
ENV200**



**Nissan
LEAF**

Prius +



**Kia
Optima**



**Vauxhall
Ampera**



Ultra Low Emission Vehicles

Vehicle	Type	New	2 nd hand	Battery range
Nissan Leaf	Electric	£21,290	£7-12k	124
Peugeot Tepee	Electric	£18,240	n/a	106
Nissan eNV200	Electric	£19,403	n/a	106
VW Passat GTE	Hybrid +	£34,515	£26,000	31+
Tesla S	Electric	£87,880	£42-62k	393
Prius +	Hybrid +	£25,895	£12-20k	15+

www.goultralow.com



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Illustrative running costs @ 13p kWh electricity

- Vans 4.68 p / mile
- Cars 3.77 p / mile
- Diesel 9.4 p / mile*



*RAC 2016 new car @ 115p litre



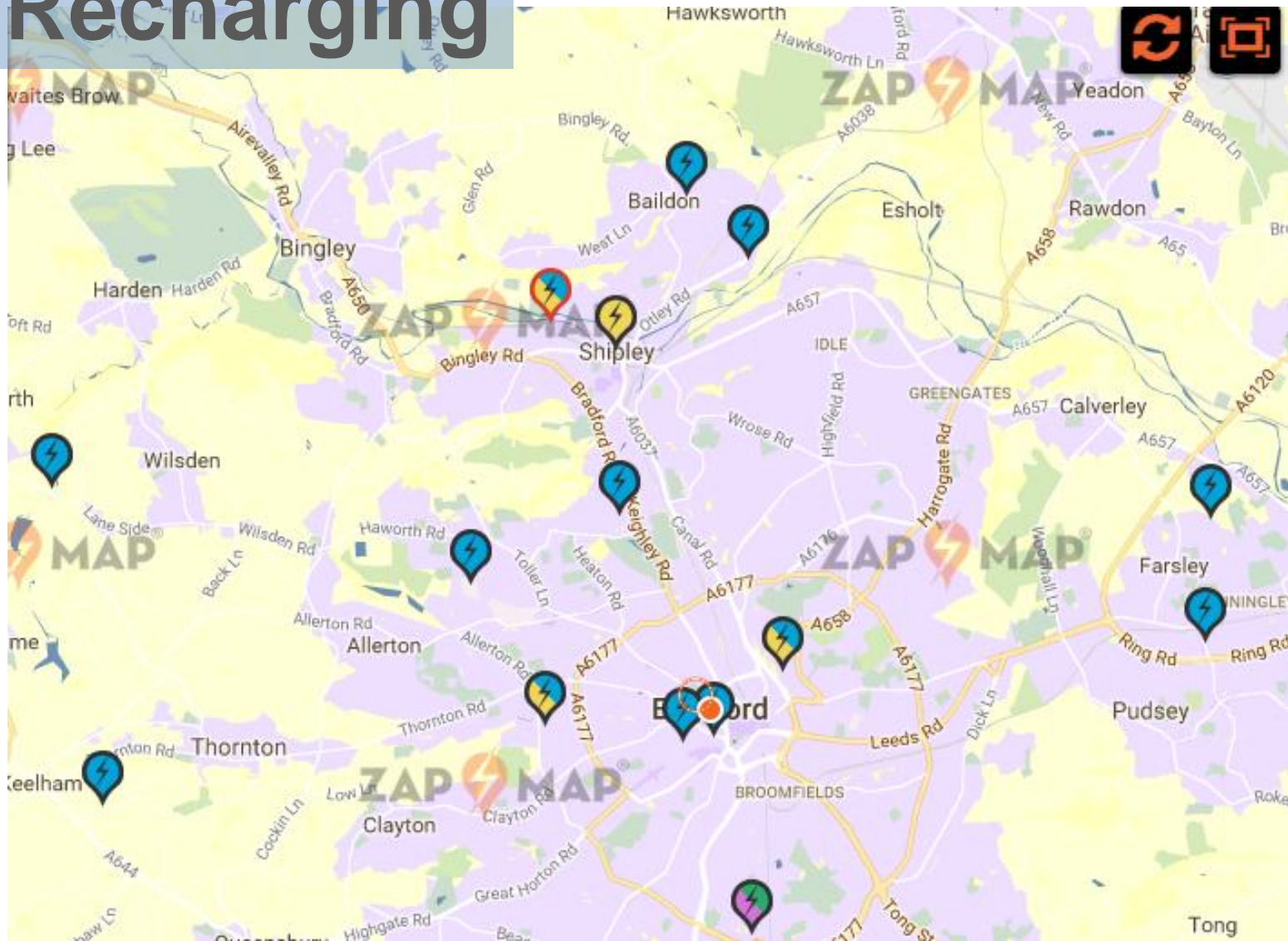
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Recharging

Type	Est. charge time hrs	Cost	Funding
Home	8 hrs	£650 – 1,500	£500
Public	4 hrs	£10,000	n/a
Rapid	20-30 mins	£30,000	75%

- Recharge time depends on battery state

Recharging



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Rapid charger Crown Courts



WY Taxi charge-point grant

- Installtions at private sites
- Pays 75% capital cost / £22,500
 - Equipment
 - Electrical work
 - Commissioning
 - Warranty
- Taxi only 3 year contract (T&Cs)



Any questions?

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