

Single Member Cabinet Decision

**Executive
Forward Plan
Reference****E 3451****EV Charging – Cable Channel Trial**

Decision maker/s	Cllr. Sarah Warren, Cabinet Member for Climate and Sustainable Travel
The Issue	The proposal that the council conduct a trial of electric vehicle (EV) charging cable channel products, which when installed into the footway enable residents to charge an EV on-street from their home energy supply.
Decision Date	14th March 2023
The decision	<p>The Cabinet Member agrees that:</p> <ul style="list-style-type: none">• Approval be delegated to the Director of Sustainable Communities, in consultation with the S151 Officer, to accept £182,250 of the Green Recovery Fund grant from the West of England Combined Authority. These funds will be spent in line with a change request to an approved full business case for an electric vehicle project• Approval be delegated to implement the proposals set out within this report to the Director of Sustainable Communities in consultation with the Cabinet member for Climate and Sustainable Travel and the S151 Officer in accordance with the requirements of the Grant Funding Agreement.• The council conduct a trial of EV cable channel products, which is currently proposed to the following details:<ul style="list-style-type: none">○ Up to three different cable channel models trialled in-situ on public footways.○ Up to twenty units/model trialled, making a maximum of sixty participants in the trial.○ Trial units in-situ for up to twelve months, to be subject to full annual weather cycle.○ Trial Project is expected to take 18 months in total, to start when funding is released, expected April'23 at earliest.○ Trial monitoring and participant surveys to inform decisions on the nature of a cable channel offer and council approval of offering to residents.○ Participants may be required to open chargers to public via 3rd party community charging services where feasible, to increase trial impact to public EV users.• To facilitate required oversight, trial criteria be delegated to the Director of Sustainable Communities, in consultation with the member with responsibility for Climate and Sustainable Travel.
Rationale for decision	<p>The trial is necessary to:</p> <ul style="list-style-type: none">• Fulfil recommended actions of the B&NES On-street EV Charging Strategy (2020).

	<ul style="list-style-type: none"> Identify commercial products that enable on-street EV charging from home energy supply. Allow residents with no off-street parking to access the lowest cost most convenient charging option, mitigating social equity issues around charging access. Provide an alternative to the prohibited dangerous practice of trailing charging cables across footways, an activity which is increasing, and for which B&NES has limited enforcement capability. Provide cable channel performance and operational data, informing B&NES future policy regards product approval, asset ownership, maintenance, and costs. 								
Financial and budget implications	<p>Trial costs will be covered by the WECA Green Recovery Fund, enabled via change request to full business case.</p> <p>Initial trial costings identified as:</p> <table> <tbody> <tr> <td>• Capital costs</td> <td>£64,170</td> </tr> <tr> <td>• Revenue costs</td> <td>£94,308</td> </tr> <tr> <td>• Contingency (15%)</td> <td>£23,772</td> </tr> <tr> <td>• Total trial costs</td> <td>£182,250</td> </tr> </tbody> </table>	• Capital costs	£64,170	• Revenue costs	£94,308	• Contingency (15%)	£23,772	• Total trial costs	£182,250
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Issues considered	Social Inclusion; Customer Focus; Sustainability; Human Resources; Property; Equality (age, race, disability, religion/belief, gender, sexual orientation); Health & Safety; Other Legal Considerations								
Consultation undertaken	Cabinet colleagues; Overview & Scrutiny Panel; Staff; Other B&NES Services; Service Users; Community Interest Groups; Stakeholders/Partners; Section 151 Finance Officer; Chief Executive; Monitoring Officer								
How consultation was carried out	Report and presentation to Strategic Leadership Team (signed off) and to Informal Cabinet (reviewed); Development of trial proposal with officers from active travel, planning, highways and HR teams; Email communications with B&NES residents using EV's and who are requesting to be allowed to on-street home charge; Developing an equalities impact assessment with B&NES equalities officer, RNIB regional officer and the B&NES independent equalities advisory group.								
Other options considered	<p>Trial focus is informed by a WECA assessment conducted as part of their EV charging investment proposal (2022), where the technology options for on-street home charging were reviewed and cable channels identified as the favoured solution necessary of investigation.</p> <p>A range of EV charging infrastructure is necessary to achieve future UK strategic goals. Cable channels would be one element, alongside complimentary charging infrastructure such on-street public chargers located in street furniture. These other on-street options are planned to be introduced in collaboration with commercial charge point operators (CPO's) through negotiated concessions as part of a 2023 WECA led bid for Office of Zero Emission Vehicles (OZEV) funding.</p>								
Declaration of interest by Cabinet Member(s) for decision:	None								

Any conflict of interest declared by anyone who is consulted by a Member taking the decision:	None
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Name and Signature of Decision Maker/s	Cllr. Sarah Warren Cabinet Member for Climate and Sustainable Travel
Date of Signature	14/03/2023

Subject to Call-in until 5 Working days have elapsed following publication of the decision