**Category: Best use of Technology to Benefit the Environment**

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| 1 | **MHA+ member name** |
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|  | Amey |
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| 2 | **other partners involved in the development of this product/project/nomination** |
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|  | The strategy was developed by Amey’s Intelligent Mobility team in close collaboration with Trafford Council. The project also aligned with Transport for Greater Manchester’s EV strategy and engaged with Distribution Network Operators (DNOs) to assess grid readiness. Stakeholder engagement included local communities and potential private sector partners to ensure a holistic, future-proof solution. |
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| 3 | **Please provide a brief description of what was done.** |
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|  | Trafford Council, in collaboration with Amey’s Intelligent Mobility team, developed a comprehensive Electric Vehicle (EV) Infrastructure Strategy to support its 2038 net-zero target. The strategy uses advanced data analytics, geospatial modelling, and scenario forecasting to identify optimal locations for EV chargepoints across the borough. It integrates demographic data, land use, car ownership, and transport behaviour to ensure equitable access to EV infrastructure. The strategy also includes energy demand modelling and smart technology recommendations to future-proof the network and align with regional and national sustainability goals. |
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| 4 | **Please provide a brief overview of what were the benefits of the digital deployment** |
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|  | A suite of digital tools enabled data-driven planning for EV chargepoints. GIS mapping and spatial analysis visually highlighted optimal locations using demographic, transport, and land use data, making insights accessible to all stakeholders. Scenario modelling, based on National Grid’s Future Energy Scenarios, forecasted energy demand. Propensity scoring and spatial weighting ensured equitable access. These technologies enhanced clarity, reduced waste, and accelerated the EV transition. |
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| 5 | **Please provide a brief overview of why you should win an award** |
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|  | This project is a highlights how technology can be harnessed to deliver environmental sustainability at scale. It combines spatial analytics, energy forecasting & smart infrastructure planning to reduce emissions, improve air quality & ensure equitable access to EV charging. The strategy not only addresses today’s needs but anticipates future challenges, including grid capacity and second-hand EV market growth. Its replicable, data-driven approach empowers other councils to follow suit. |
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| 6 | **Please provide any other information that you feel needs to be included in the submission** |
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|  | This strategy sets a benchmark for how local authorities can use technology to deliver sustainable transport infrastructure. It not only addresses current EV needs but anticipates future challenges such as second-hand EV market growth and grid capacity. Its integration of environmental, social, and economic factors ensures that the benefits of EV adoption are shared equitably, supporting Trafford’s leadership in climate action. |
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