The future of charging

November 2019
Sustainability

Social Value

Social Inclusion
Amey in Greater Manchester

• 175 new chargers (24 rapid, 151 fasts)
• Increased social value from EV infrastructure
• A sustainable innovation process
• Intelligent and strategic infrastructure
• Green funding
• Adoption of EVs across Greater Manchester
New partnerships

One Amey
- Investments
- Strategic Consulting
- Highways
- Smart Cities

Connecting Greater Manchester
- Trafford
- Wigan
- Tameside
- Bolton
- Oldham
- Metrolink
- Bury
- Salford
- Rochdale

Dazzle
AppyParking
Travelai
Manchester = Amey’s EV Hub

- Thriving local business
- EV for all
- Connecting Manchester
- Materials re-use
- Environmental sustainability
- 100% free green energy

- Inclusivity
- Opportunity for all
- Nurturing local talent
- Schools and colleges
- Citizen engagement
- Sustainable travel
- Volunteering
- EVCI site location
- Targeted partnerships
- Air quality monitoring and analytics
Sustainability at Amey
Our project - EV

In 2019 we hired 20 Nissan ENV200 electric vans to replace 20 diesel Citreon Berlingos;

• 40kW battery
• Charged via Type 2 EV Socket

Benefits

• No exhaust emissions
• Green energy contract so Zero carbon emissions
• Saves 262t of CO2 over lifetime of lease
• Equivalent to 1,572 trees*
Our project - Hydrogen

In 2018 Amey received 75% funding from OLEV to hire 2 No. Hydrogen Vehicles

- Funding makes lease cost equivalent to diesel vehicle
- Fuel cell recharges electric battery and acts as a range extender

Benefits

- Sheffield has a hydrogen fuel station
- No carbon emissions
- Refuelling time = 3 - 5 minutes, compared to 30 minutes for rapid EV charge, or 8 hours for standard EV charge
What is real sustainability?

- No environmental impact
- Inclusive
- Economically viable
Making change sustainable
Questions