



# Transitioning the Fleet

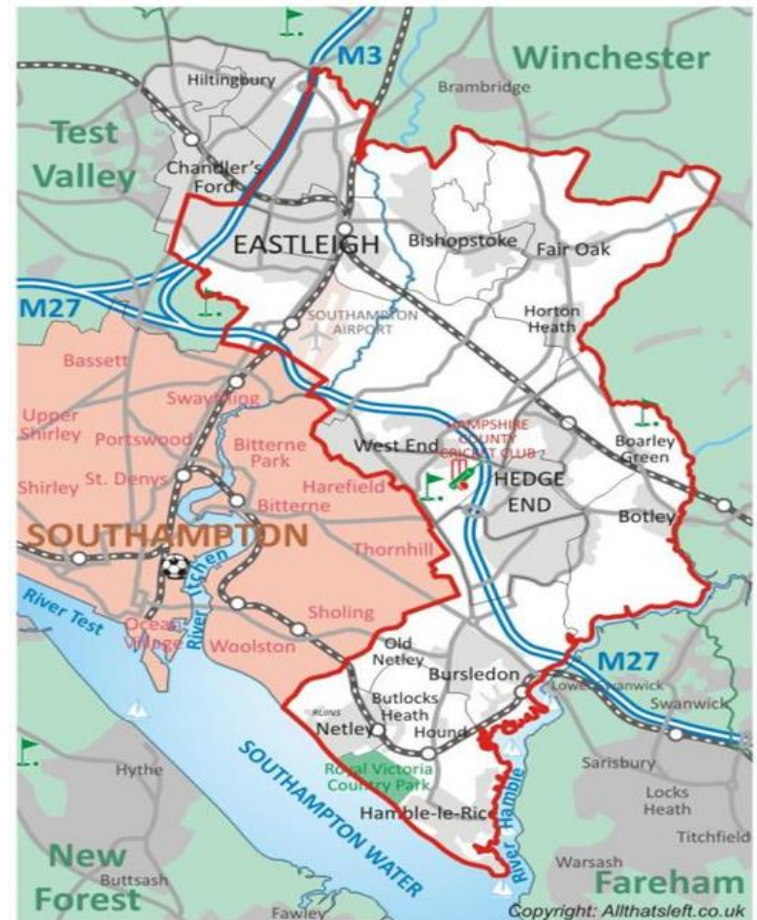
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# Eastleigh Borough Council

- Medium sized district
- South Hampshire
- Population – 137,000
- Southampton Airport,
- Hampshire Cricket – AGEAS Bowl
- 450 employees
- Very ambitious Council
- Net Zero by 2030!
- Fleet 100+ vehicles and kit
- Fleet – 2<sup>nd</sup> largest emissions



# ● Background, catalysts for change and options

- Eastleigh Borough Councils commitment to net zero for its own activities by 2025
- The borough as a whole by 2030
- RCV's 28 in total ranging from 7.5 tonne to 26 tonne
- Increasing fuel costs
- Increasing maintenance costs
- Vehicle replacement programme – increasing capital
- Electric – Hydrogen?
- Transitional fuels



# ● Staffing & Procurement – changing Environment

- Staff –
  - Transport Manager – Fleet Workshop Manager!!
  - Vehicle technicians! – Drivers!!!!
  - Other staff!!
- Staff working groups
  - Vehicle options
  - New or Repowered
  - Other equipment
  - Alternative Fuels
  - Training
- Procurement
  - Framework
  - Direct Award – procurement waivers!



# Charging Infrastructure

- Does your depot have enough electric capacity?
  - Often the answer is no, you may be able to do half your fleet
  - increasing capacity – expensive!
  - Which type of chargers – direct current (DC) or alternating current (AC)
  - You need to know how quickly vehicles will charge
  - The larger the fleet the more complex the charging infrastructure needs to be
  - What happens if grid goes down!
  - Infrastructure upgrades needs lead in time and capital investment
  - Sub-depots



# • Outcomes and Future Targets & Goals

- 3 – Electric RCV's
- 7 – car derived vans
- 11 – 3.5 tonne pick ups
- All Grounds maintenance hand-held equipment (apart from chainsaws) electric
- Transitional Fuel – Hydrogenated Vegetable Oil (HVO) –
  - the main manufacturers confirm their warranties are still valid
  - Drop in replacement for diesel
  - Guaranteed from sustainable sources
  - Approx 0.5p pl more than diesel at the moment
- Repowering existing RCV fleet and extending the life to 15 years!



# Questions / Discussion

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