Improving Air Quality in Rotherham
Background

• 7m deaths globally are caused by air pollution.
• Estimated up to 36,000 deaths a year in the UK.
• Contributes to over 100 deaths per year in Rotherham.
• Worsens chronic illnesses, shortens life expectancy and damages lung development in children.
• Causes asthma, increases the chances of hospital admissions and respiratory and cardiovascular disease.
• Poorer communities are most exposed to, and suffer the consequences of, polluted air
• UK has been in breach of legal limits since 2010.
Rotherham Air Quality Plan 2016-20

- Mitigation of air quality impacts through the planning process (Development Control);
- Promoting low emission transport, in particular cleaner buses; taxi licensing; the installation of Electric Vehicle recharging infrastructure;
- Promoting travel alternatives to the private car, raising public awareness especially of the impact of diesel vehicles on air quality in our towns and cities;
- Improving the efficiency of the Rotherham MBC Vehicle Fleet.
Work to Date – Sustainable Transport

- Care4Air Campaign
- Promote uptake of electric vehicles – 25 charging points
- Promote alternative transport
  - Cycleboost
  - Sustainable and Active Travel support for schools
  - Independent Travel Training
  - Walk Rotherham” project.
  - Busboost
  - EcoStars
Work to Date - Infrastructure

- National Productivity Investment Fund
- Tram Train Pilot
- Rotherham Interchange
- A630 Parkway Widening
Improving Air Quality in Rotherham

• Rotherham and Sheffield required to work together to:
  – Analyse local air quality
  – Achieve Statutory compliance with Air Quality legislation
  – Proposed scheme(s) are deliverable in the shortest possible time and by no later than 2021

• Submit Final Business Case to Government by December 2019
What is causing the problem?

- Road traffic
- Particular types of vehicles
  - Diesel vehicles and older petrol vehicles are the most polluting.
  - Older non-retrofitted buses
  - Private Hire taxis
  - HGVs and LGVs
- Focused in particular locations across the Borough
Sheffield Parkway in Rotherham (A630)

• Sheffield propose to introduce a Category C (CAZ C) charging zone area bounded by the inner ring-road.
• Would bring both the Sheffield and Rotherham sections of Sheffield Parkway into compliance by 2021.
• Assumes that the proposed 50mph speed limit, associated with the widening of the Parkway in Rotherham is introduced.
Rawmarsh Hill (A633), Rawmarsh

- Upgrade or replace all buses operating on Rawmarsh Hill are to the Euro VI standard as a minimum.
- A Euro VI bus delivers an almost 95% reduction in emissions against earlier Euro standards.
- Divert around 25-30% of the scheduled buses from Rawmarsh Hill onto Barbers Avenue.
- Improve the junctions at Dale Road and undertake minor works to Barbers Avenue itself, to support this measure.
Fitzwilliam Road (A630), Eastwood

- Minor engineering and traffic flow works
Wortley Road and Upper Wortley Road (A629), Kimberworth and Thorpe Hesley
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- HGV ban – northbound towards M1
Other Measures

Financial Support to Upgrade:
• Taxis and Private Hire Vehicles (PHV)
• Buses
• Heavy Goods Vehicles (HGVs) and Light Goods Vehicles (LGVs)

Campaigns and behavioural change
Outcomes

<table>
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<tr>
<th>Rotherham Sites</th>
<th>2017 Baseline</th>
<th>2021 Projected without measures</th>
<th>2021 Projected with measures</th>
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<td>A630 Parkway Rotherham</td>
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<td>A630 Fitzwilliam Road Rotherham</td>
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Next Steps

• Public Consultation on proposals – summer 2019
• Submit Final Business Case to Government – December 2019
• Implement proposals – from June/July 2020