

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

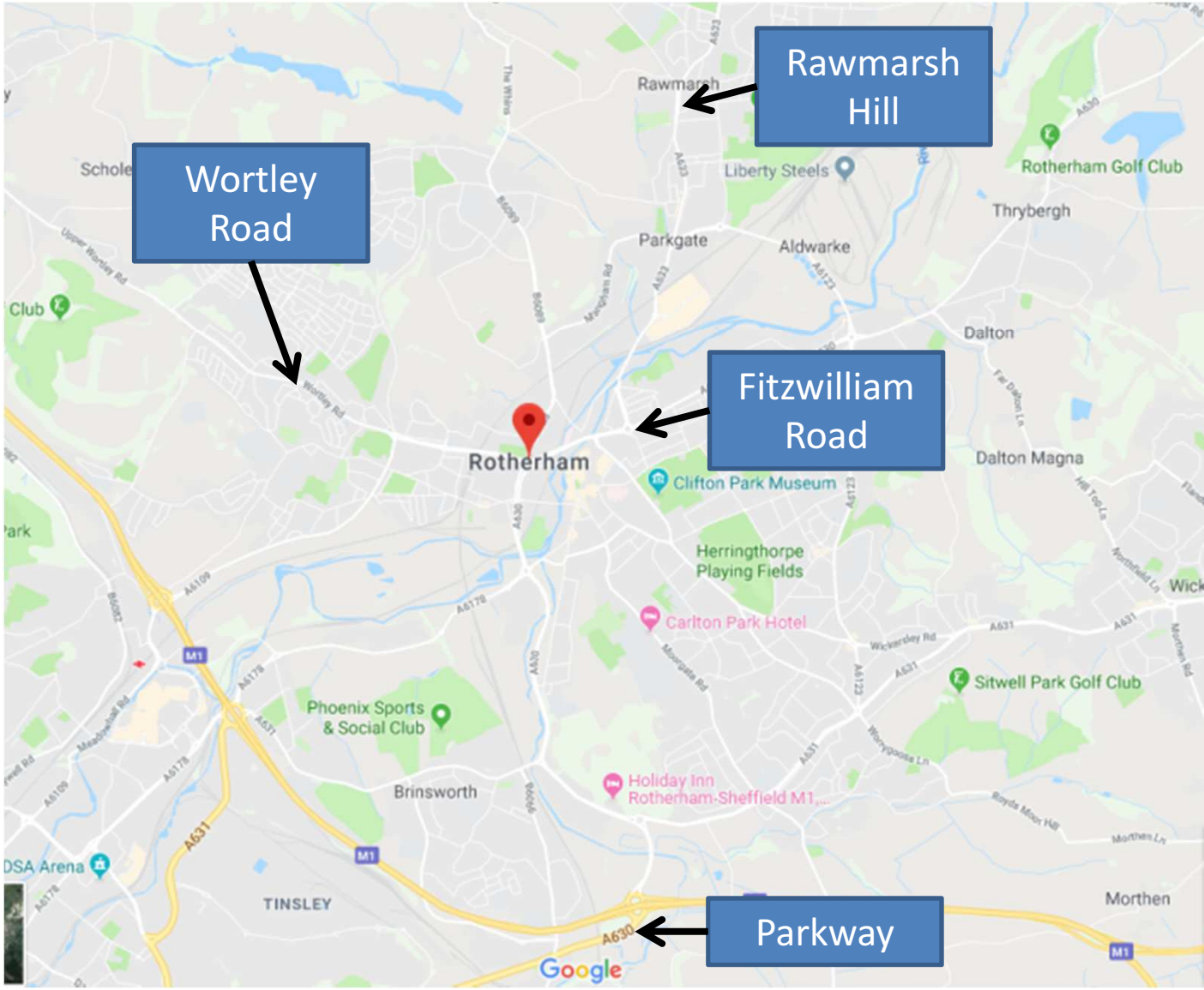
- National Productivity Investment Fund
- Tram Train Pilot
- Rotherham Interchange
- A630 Parkway Widening

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



Rawmarsh Hill

Wortley Road

Fitzwilliam Road

Parkway

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.

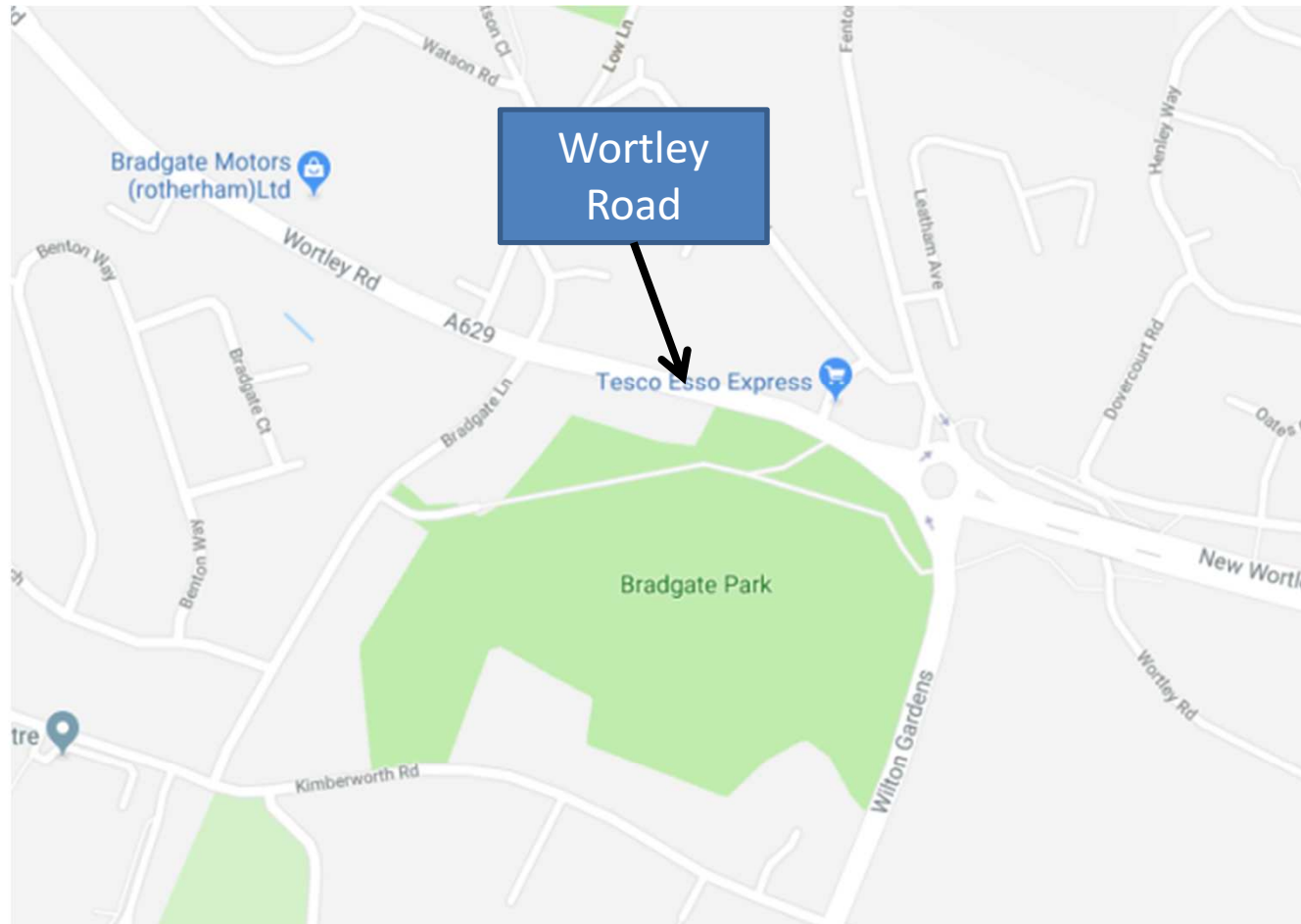
Rawmarsh Hill (A633), Rawmarsh

- 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



Wortley Road and Upper Wortley Road (A629), Kimberworth and Thorpe Hesley



Wortley Road and Upper Wortley Road (A629), Kimberworth and Thorpe Hesley



Wortley Road and Upper Wortley Road (A629), Kimberworth and Thorpe Hesley

- 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

Rotherham Sites	2017 Baseline	2021	
		Projected without measures	Projected with measures
A630 Parkway Rotherham	48	44	39.5
A633 Rawmarsh Hill Rotherham	49	42	38.4
A629 Wortley Road Rotherham	45	41	31.3
A630 Fitzwilliam Road Rotherham	45	44	37.6

Next Steps

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