



Meeting the air quality challenge

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Public Protection Manager

15th May 2019

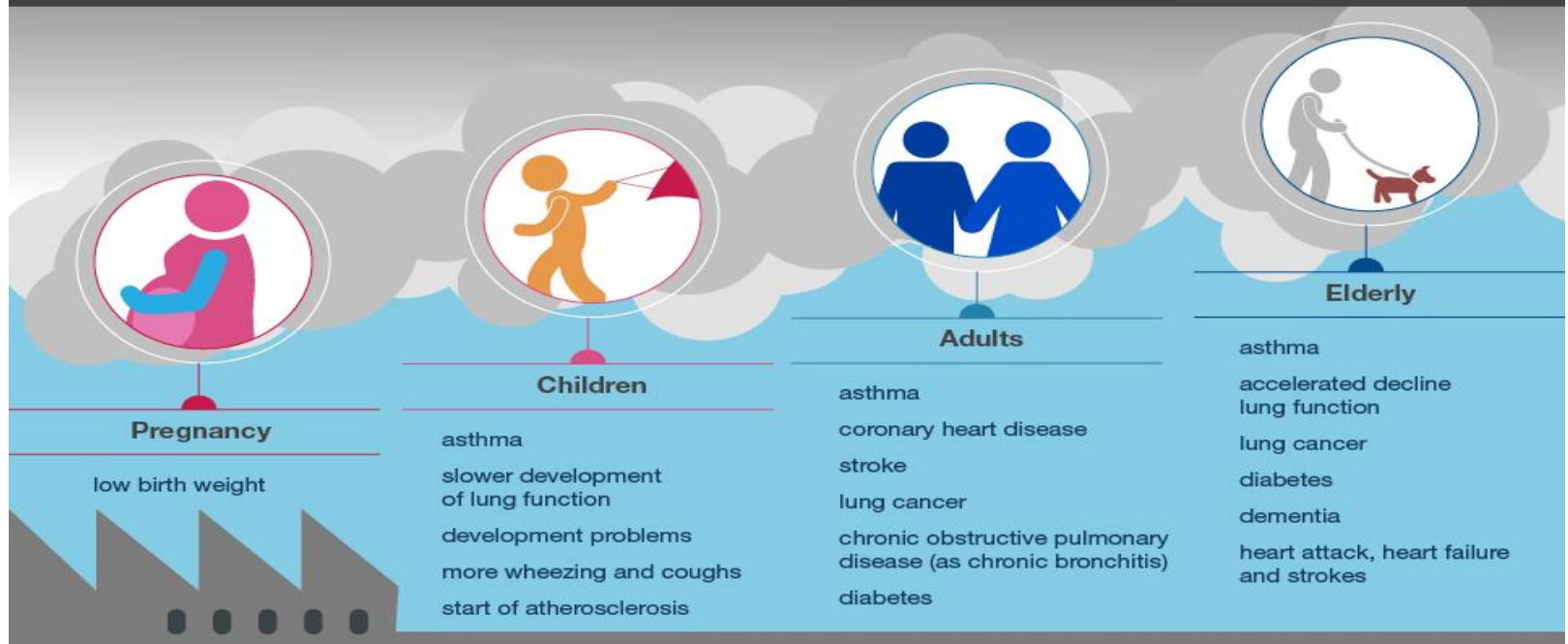


**Why we
need to
improve air
quality**

WHY IS AIR POLLUTION A PROBLEM?



Air pollution affects people throughout their lifetime





**WHAT CAN
WE DO AS
A
COUNCIL?**

AIR POLLUTION

can be split into **TWO** categories

GASES

Including **nitrogen dioxide**, benzene, carbon monoxide, carbon dioxide and ozone

PM

Particles of dust (particulates) and liquid droplet suspended in the air



ROAD TRANSPORT



is responsible for

80%

of **NO₂**
CONCENTRATIONS

AT ROADSIDE, OF WHICH DIESEL VEHICLES ARE THE LARGEST SOURCE.



**GREATER MANCHESTER CLEAN
AIR PLAN**

All ten Authorities contain exceedances and without action predicted to be 250 non-compliant sites in 2021

- Local modelling, conducted according to JAQU guidance, revealed a much greater problem than first thought
- The scale of the challenge only became clear in summer 2018



Wigan Council

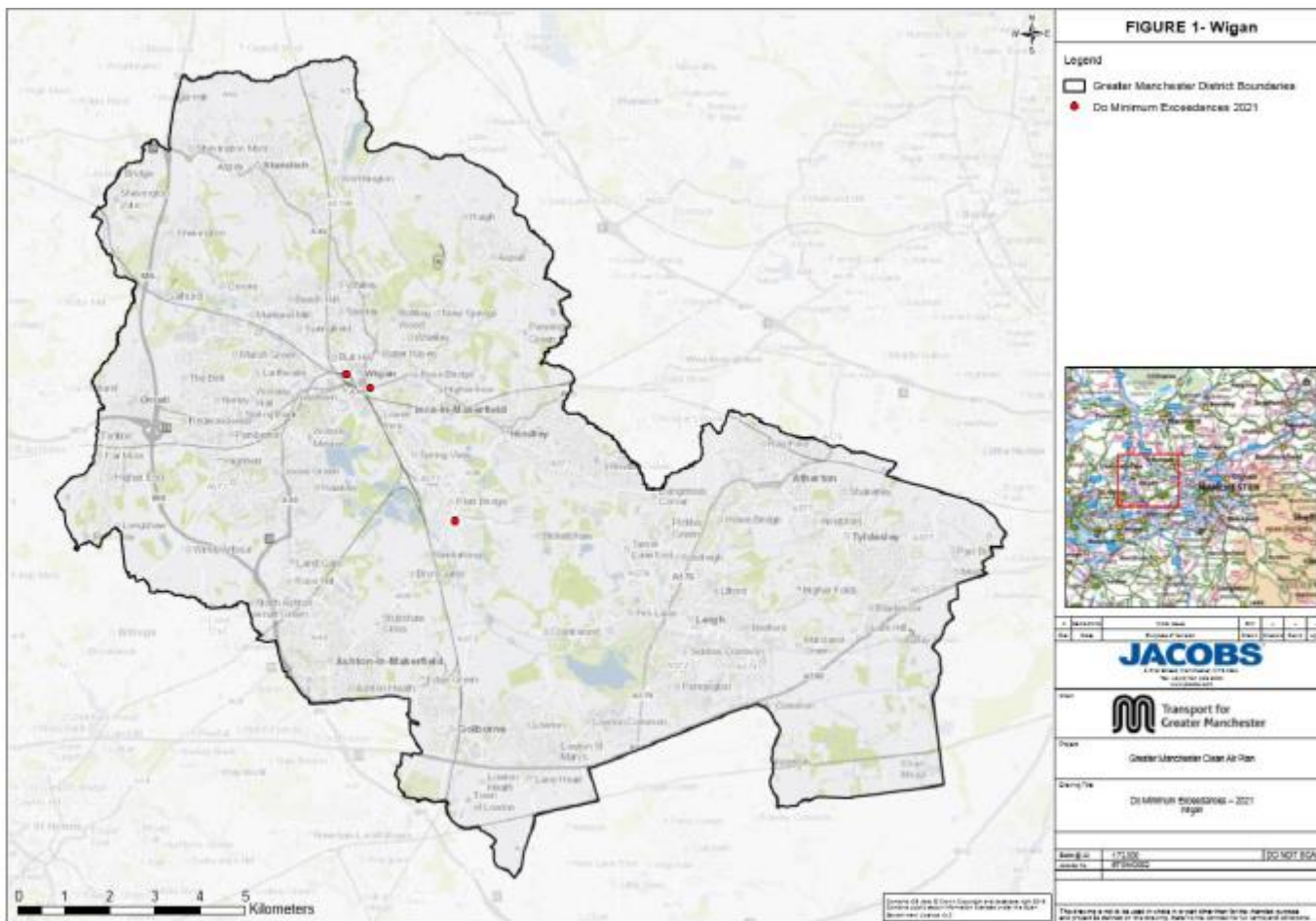







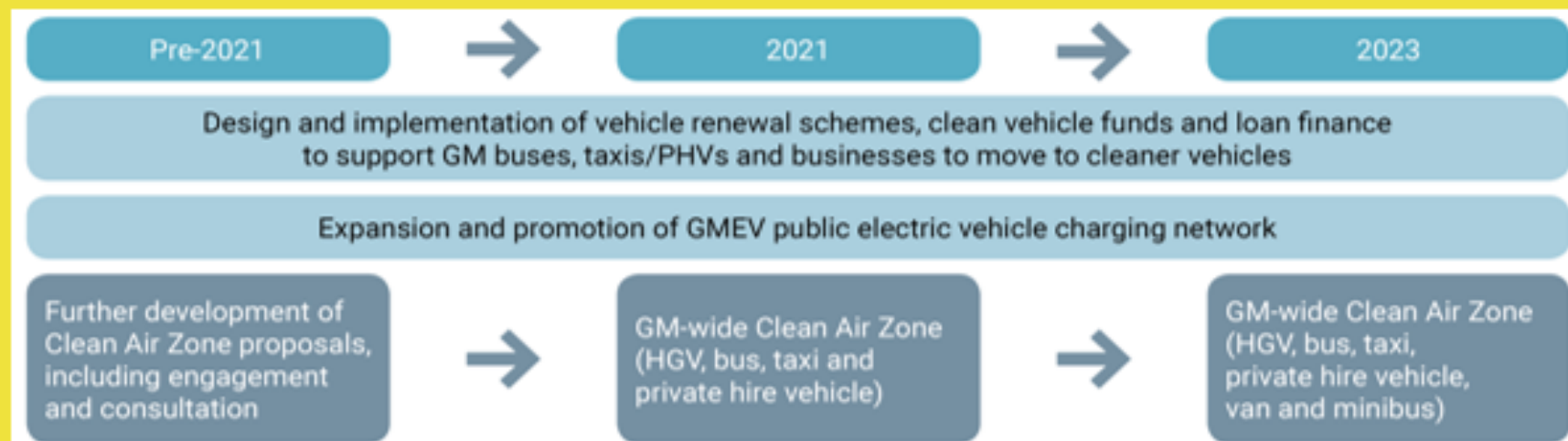
Figure 1: Predicted locations of exceedance of the annual mean nitrogen dioxide Limit Values without the CAP measures in Wigan in 2021

Major package of financial support for GM businesses

	LGVs, minibuses, HGVs and coaches	Clean Freight Fund	£59m
	Buses	Clean Bus Fund	£29m
	Taxis and private hire vehicles	Clean Taxi Fund	£28m
	Electric vehicle charging	GMEV network expansion	£25m
	HGVs, vans, taxis and private hire vehicles	Greater Manchester loan scheme	To be confirmed

GM-wide Clean Air Zone – cars not included

Largest Clean Air Zone outside London, covering all 10 of our local authorities – a population of nearly three million people across 500 square miles.



Charging infrastructure

- 600 new GMEV public rapid electric vehicle charging points
- Nearly trebling size of GMEV network to almost 1,000 charging points





Next steps

- Public conversation launches mid-May for six weeks
- Statutory consultation will follow
- Full Business Case developed by end of 2019
- Further local authority approvals to take place around Full Business Case

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 Department
for Environment
Food & Rural Affairs

CLEAN AIR STRATEGY 2019



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Partnerships



Air Quality Highlight Report

Programme Vision

Wigan Council's Air Quality Task and finish groups aim to improve Air Quality by initiating, developing and delivering several measures associated with four key themes:

- Travel
- Vehicles
- Monitoring and Media
- Planning and development

These measures have been informed by Greater Manchester's Air Quality action plan (2016-2021) and will also be delivered within the context of GM's Strategic Outline Case which ensures that the required improvements to local air quality are achieved in the 'shortest possible time'.

**Planning and
development**



TRAVEL



After



Before



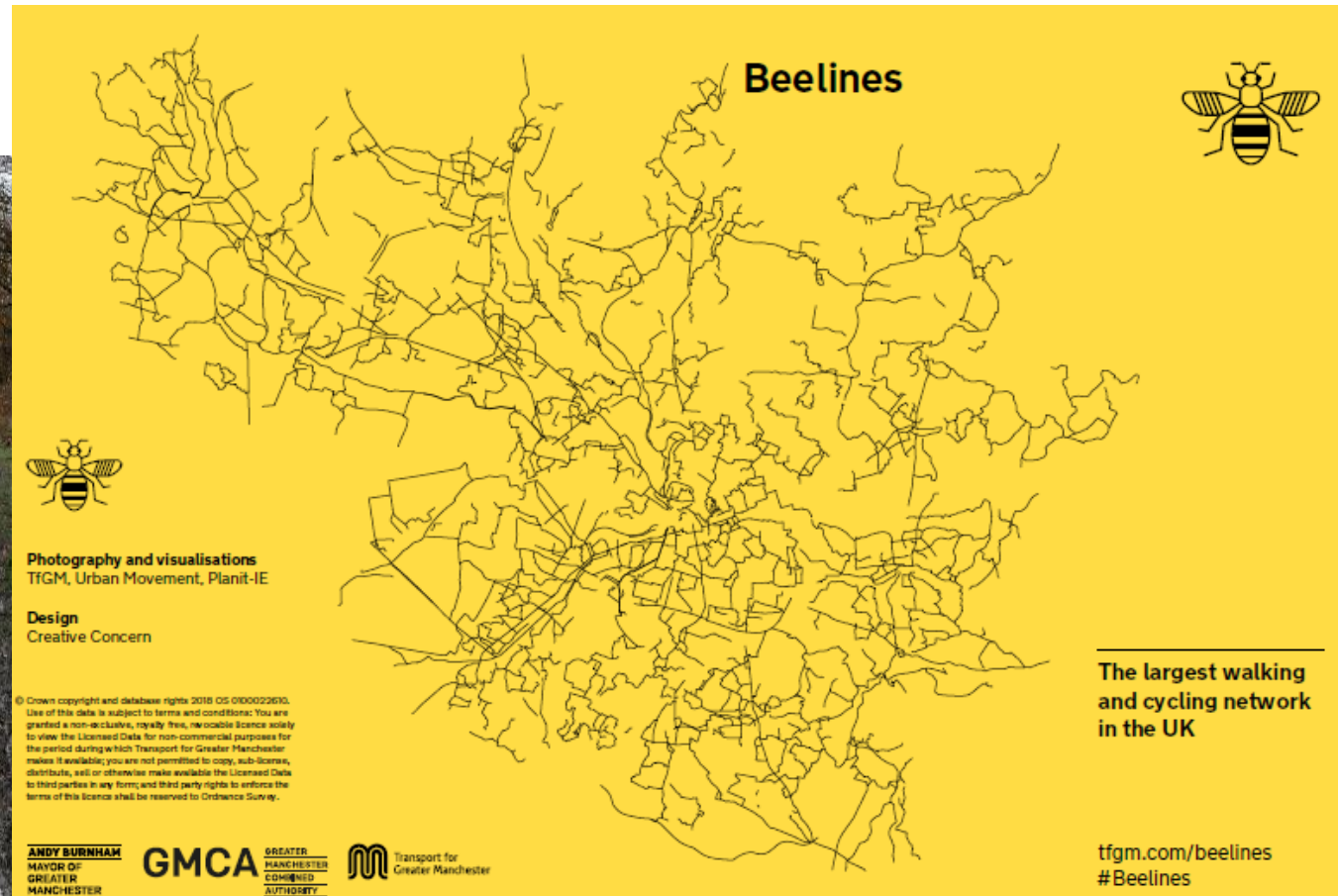
After

Mayor's Challenge Fund (MCF)


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A WELL-used stretch
of
canal towpath is set to
be transformed



Beelines




Photography and visualisations
TFGM, Urban Movement, Planit-IE

Design
Creative Concern

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ANDY BURNHAM
MAYOR OF
GREATER
MANCHESTER

GMCA GREATER
MANCHESTER
COMBINED
AUTHORITY

 Transport for
Greater Manchester

The largest walking
and cycling network
in the UK

tfgm.com/beelines
#Beelines

Three million trips
on guided busway
in last 12 months



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FLEET





**Raising
awareness**



Go electric!

Experience electric vehicles event

At this event you can

- Find out how going electric can save your business money
- Test drive electric vehicles from Tesla, BMW, Jaguar, Nissan and Renault
- Arrange a free review of your vehicle fleet from Energy Saving Trust
- Learn more about Greater Manchester's GMEV charging network and plans for expansion
- Get advice from some of the experts behind the electric revolution.

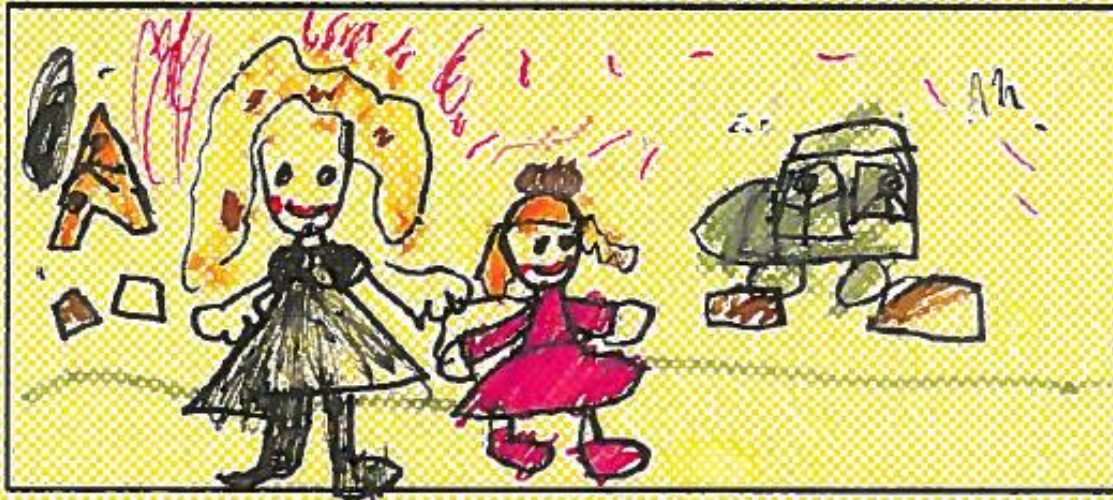
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Clean Air Day is on 20 June 2019 - save the date

#mylifematters

Around 5,000 children under the age of 16 die or are seriously injured on Britain's roads each year – AA Facts About Road Accidents.



Signed: The Children of St. James' Primary School



Worried about cycling in the dark?

Now the darker mornings and evenings have drawn in and the weather is colder and wetter, it's important to think ahead and make sure you're fully prepared to remain safe when cycling.

1. Don't forget your lights

There are legal minimum requirements for cycling after dark; one front white light, one rear red light, plus the reflectors that you should already have in place on your bike. Your lights must

changing your regular routes to a better lit path or road. Test your route in the daytime to build up your confidence and familiarity with it.

4. Buddy up

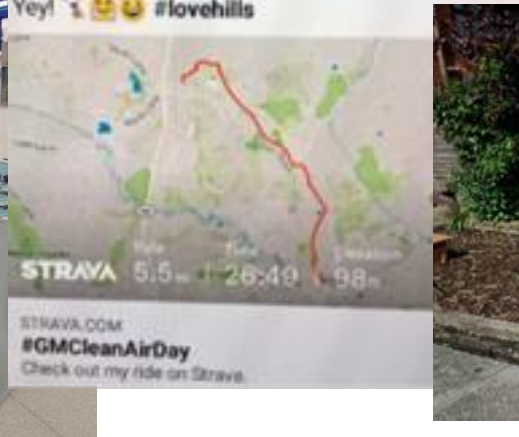
Having a partner or group to cycle with can provide that little extra motivation.

and walkers. Robin Park Road in Wigan Town Centre has already benefitted from a Department for Transport funded scheme and the new cycle lane is now open meaning people living close to



Shelby Fanson > BeWigan Staff

Car sharing on our journey to work today to support Clean Air Day #GMCleanAirDay



Today is #cycletoworkday Here are some of the staff who regularly cycle into work. Cycling can improve air quality and keep you fit. Did you know that car drivers can be exposed to nine times more pollution than a cyclist? Find out more at cycletoworkday.org or look on the intranet for information.

If you're a cyclist, it would be great to see some more photos 🚲🚲🚲





Wigan Council @WiganCouncil · 3h

Work on the Bridgewater canal towpath is coming on nicely! This is first scheme underway as part of the @OfficialTfGM Bee Network project



Wigan Council @WiganCouncil · Apr 18

This week, we've been completing landscaping & drainage works along Standish Mineral Line. And, as the weather is getting warmer, we are planting some wildflower seeds to brighten up your spring-time walks!



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Wigan Council @Wigan... · 14 Mar

We are committed to improving air quality in the borough. By making small changes every day we can make huge improvements to our health and wellbeing. Visit wigan.gov.uk/airquality to find out how you can help improve our air quality! #GoElectricGM @gmchamber @Lets_Electric



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**Thank you for your time
and attention.**

Questions and Answers