

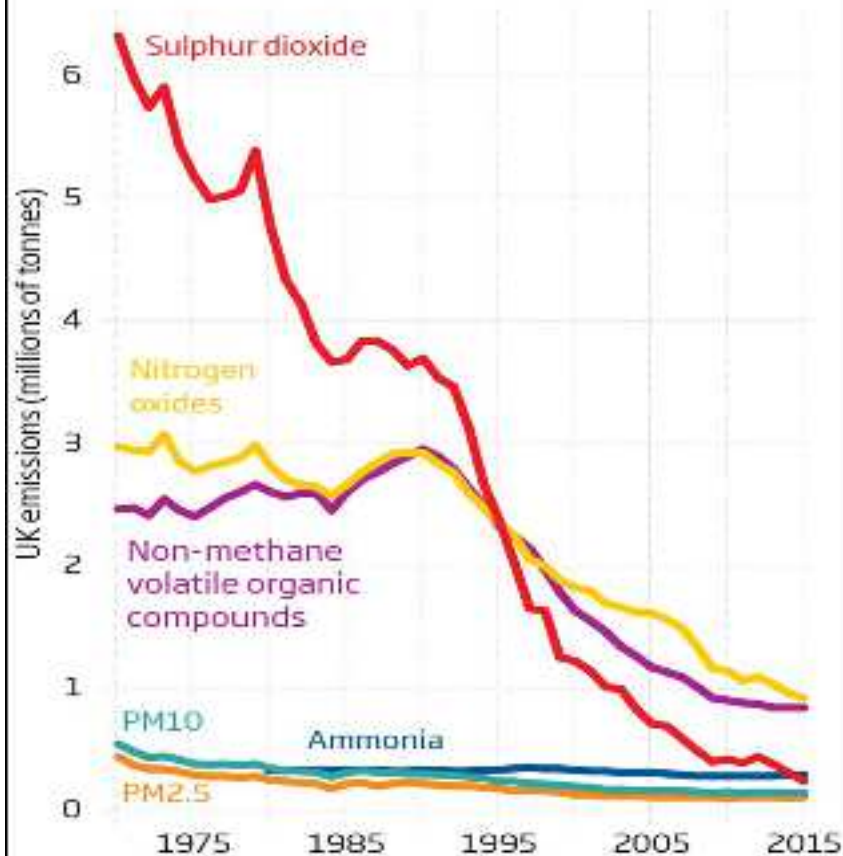
# Health and Adult Social Care Scrutiny Board

## Air Quality In Sandwell



# National Picture

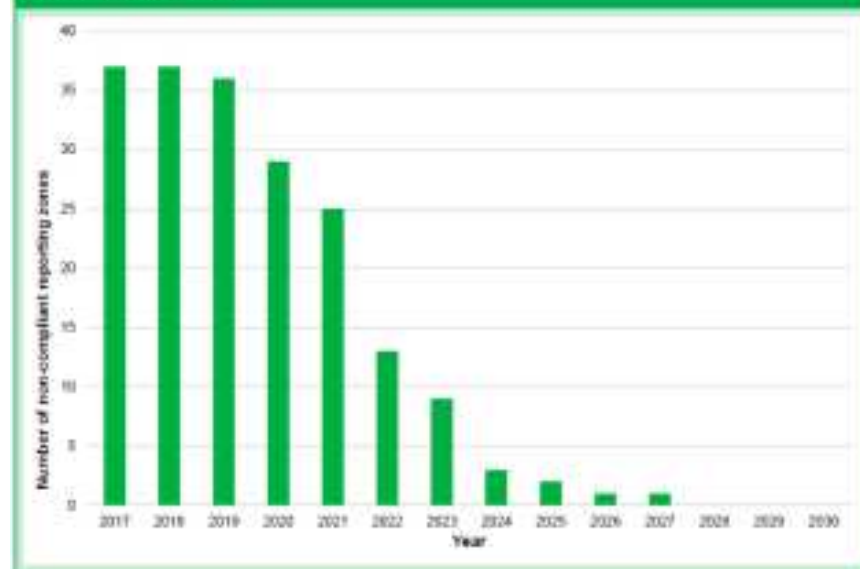
Emissions of harmful pollutants are dropping in the UK



SOURCE: DEFRA

## Nitrogen Dioxide

Figure Ex.1 The estimated number of reporting zones projected to be non-compliant without further action



- UK emissions of nitrogen dioxide have fallen by 70% since 1970
- 80% of nitrogen dioxide concentrations are from petrol and diesel vehicles.
- Largely the reduction in emissions has been associated with the introduction of cleaner engines.



# Air Quality in Sandwell



Air Quality Action Plan



Ministerial Direction 2018



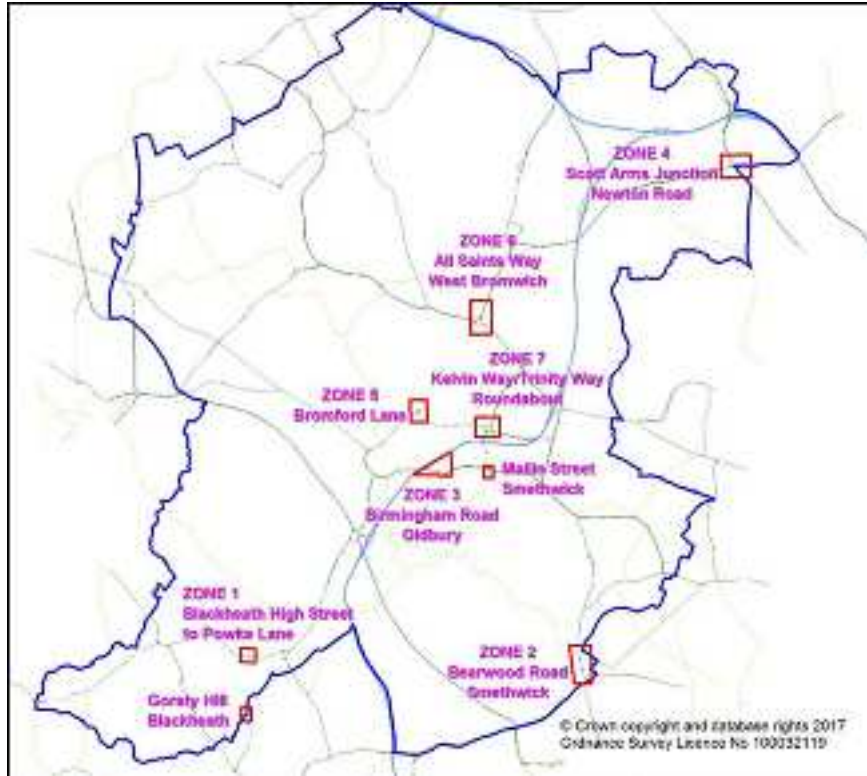
Clean Air Zone 2020

Sandwell Picture shows similar improvement to that of the National  
Main local issues;  
Transport Infrastructure, Industry and Logistics and Vehicle Age



# Air Quality Action Plan

7 main Hot Spot Zones based on local monitoring and **exposure**.



Suggested interventions based on national guidance;

- Traffic smoothing
- Promotion of Public Transport
- Engage with Transport West Midlands to continue the retrofit programme of buses
- Active Travel
- Planning requirements to reduce future exposure
- Supporting business travel plans
- Updating the Councils fleet vehicles
- Licensed Vehicle requirements

67 Consultation Responses

- Supported suggested interventions
- National scrappage scheme



# Ministerial Direction

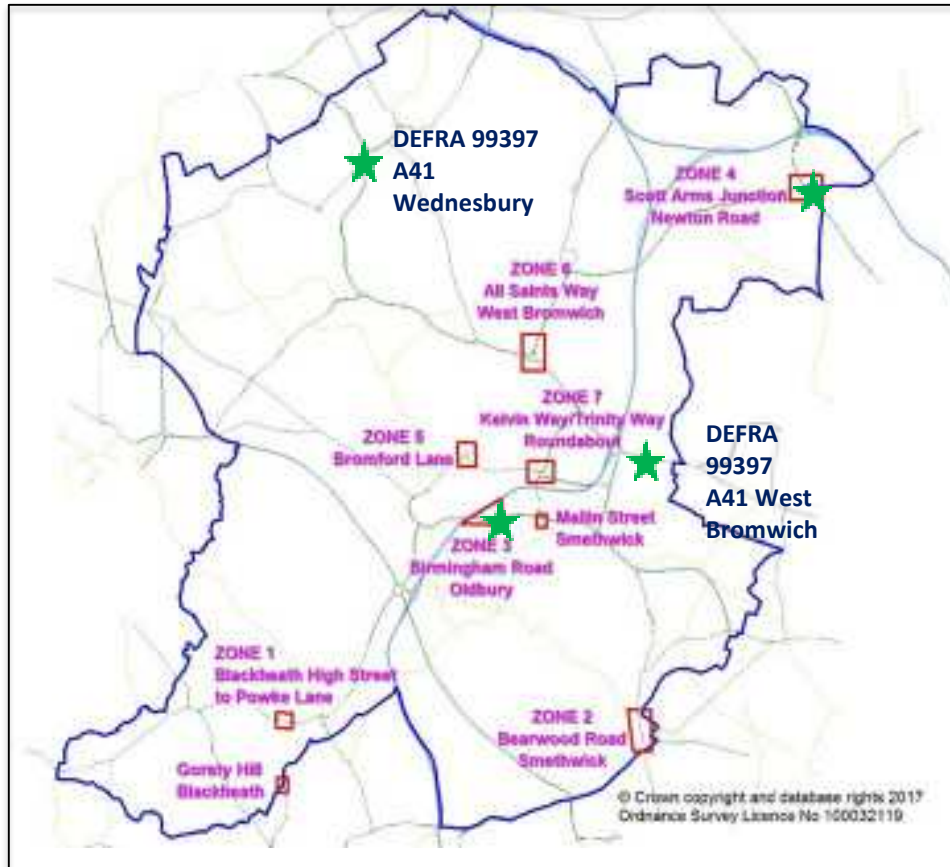
4 main Hot Spot Zones identified by DEFRA based on national modelling. ★

Sandwell are one of 33 Councils to receive a direction to undertake a Targeted Feasibility study on Nitrogen Dioxide reduction as a result of Client Earth Court Case.

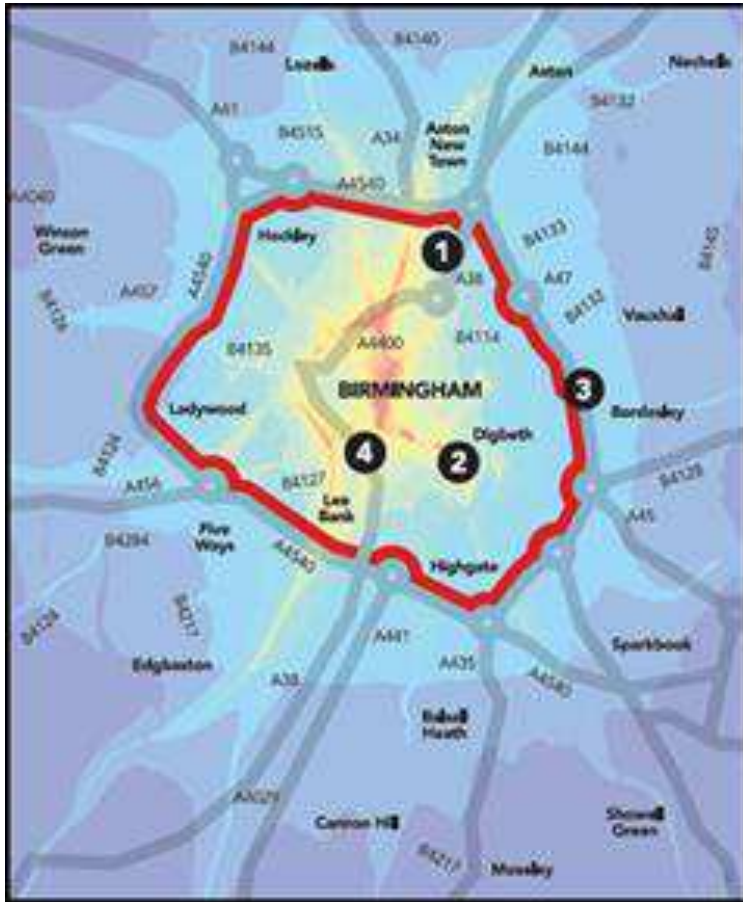
All 4 Sandwell sites modelled to be compliant by 2020 without additional intervention. DEFRA funded Targeted Feasibility Study found no additional interventions possible at 2 of these sites

All aspects of the Direction have been met on 2 remaining sites in consultation with Cabinet Member – interventions:

- Continue the retrofit programme of buses – with TfWM
- Traffic smoothing



# Birmingham Clean Air Zone



Birmingham City Council have been directed to introduce of a Clean Air Zone.

Requirement from DEFRA due to high levels of Nitrogen Dioxide.

Introduces a daily fine for non compliant (Generally older vehicles) when travelling in the Zone.

Sandwell response to public consultation included concerns about:

- Shift of traffic to Sandwell to avoid the Zone.
- Availability of parking for park and ride schemes
- Allocation of older buses
- Impact on Sandwell's air Quality

Discussions now taking place with BCC regarding access to mitigation funding.



# Suggested approach and next steps

In consultation with Members Produce a single Air Quality Action Plan that:

1. Improves Air Quality locally to reduce the number of Hot Spot Zones
2. Meets the requirements of the Ministerial Direction including additional sites identified by Defra from updated Pollution Climate Mapping data
3. Sets out Mitigations against the impact of the Birmingham Clean Air Zone

Multi agency Air Quality working group established

Proposed Time Scales:

1. Implementation of measures from Targeted feasibility Study – Jan 2019
2. Consultation with Birmingham on Clean Air Zone mitigation – Feb 2019
3. Presentation to Leaders meeting of Draft Single Air Quality Action Plan and local consultation with Ward members – March 2019
4. Air Quality Action Plan presented to cabinet – April 2019 for approval

