

Clean Air for Bristol

We all want clean air and a healthy city.

Find out what we're doing to reduce air pollution in Bristol.

Join the conversation

www.cleanairforbristol.org

#CleanAirForBristol

@BCC_Clean_Air



**School Air Quality Action Days &
Citywide Vehicle Idling Action**

What is Air Pollution?

- Gases & particles harmful to life
- most concerning pollutants within Bristol are nitrogen dioxide (NO₂) and particulate matter
- Invisible & doesn't smell

Where from?

- **Traffic – 78% NO₂ in Bristol**
- Heating – gas boilers & Solid fuel burning – wood burners!
- Industry



What is air pollution from vehicles made up of?

Emissions from exhaust

Brake dust

Tyre wear

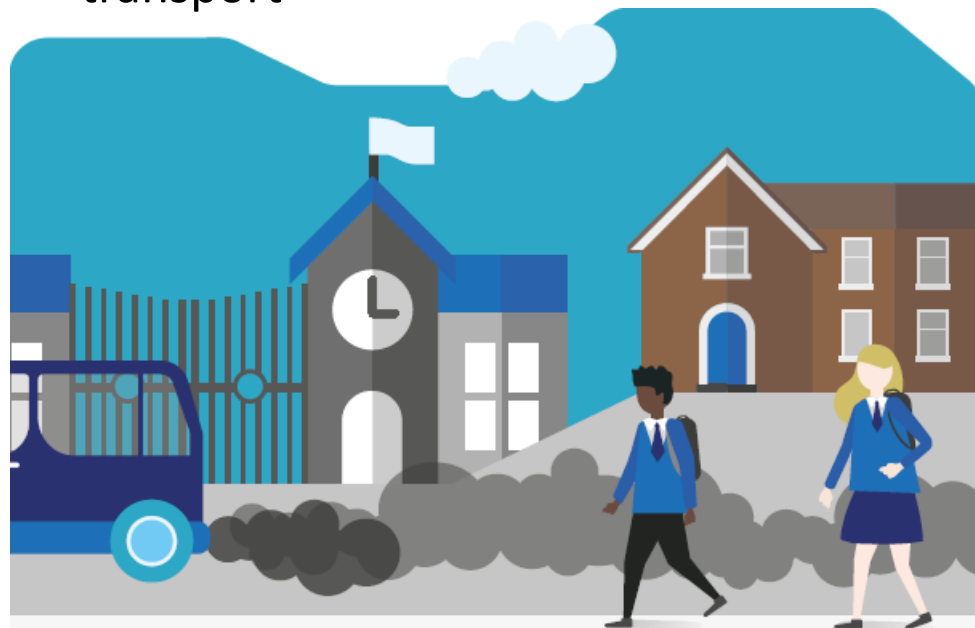
These gases and tiny particles may not seem much, but when breathed in every day, it all adds up

...of this 96% NO_x = **diesel vehicles**

- diesel cars (40%)
- buses and coaches (23%)
- diesel vans (22%)

Nitrogen dioxide (NO_2) and fine particulate matter (PM_{10} & $\text{PM}_{2.5}$)

In Bristol: 78% of NO_x from road transport



Children who live or go to schools on main roads can have up to 10% less lung capacity by the time they are 10

How does Air Pollution affect health?

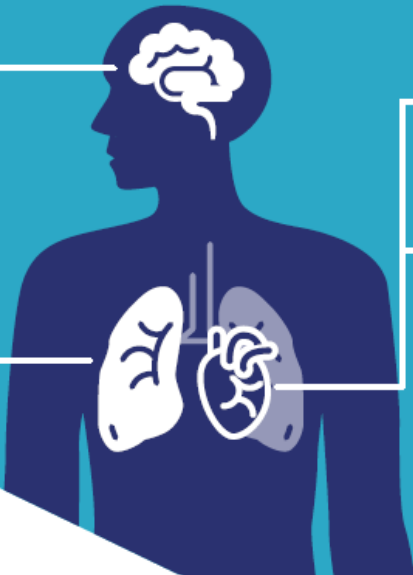
How does air pollution affect health?

Air pollution has been proven to lead to:

Strokes

Lung cancer

Asthma



Heart disease

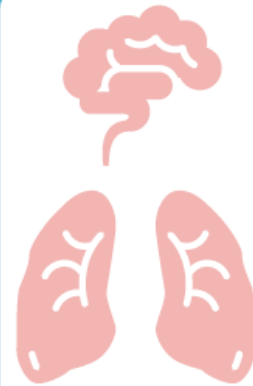
Heart attacks

Air pollution can cause:

<9



Premature births



Poor brain and lung development



Increased risk of asthma and bronchitis

What is Air quality like in Bristol?

BRISTOL

Open Data Bristol

[+ Signup](#) [➔ Login](#)

Home

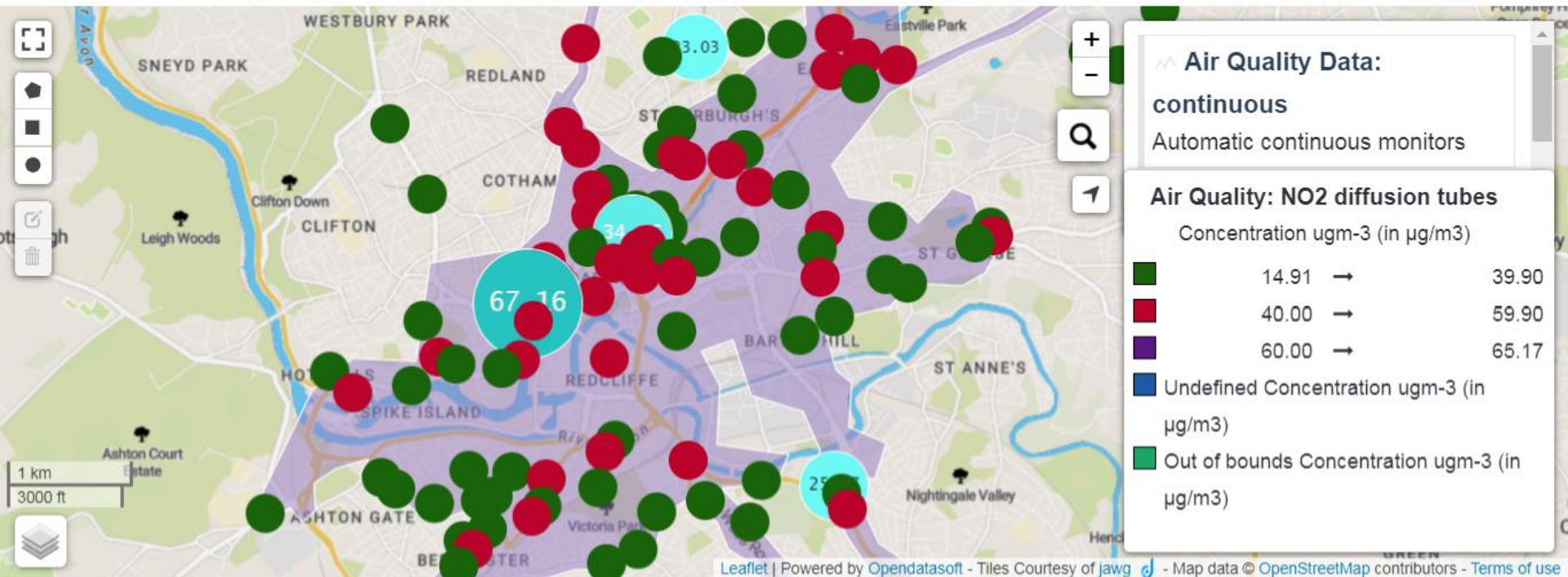
Browse data

Tools

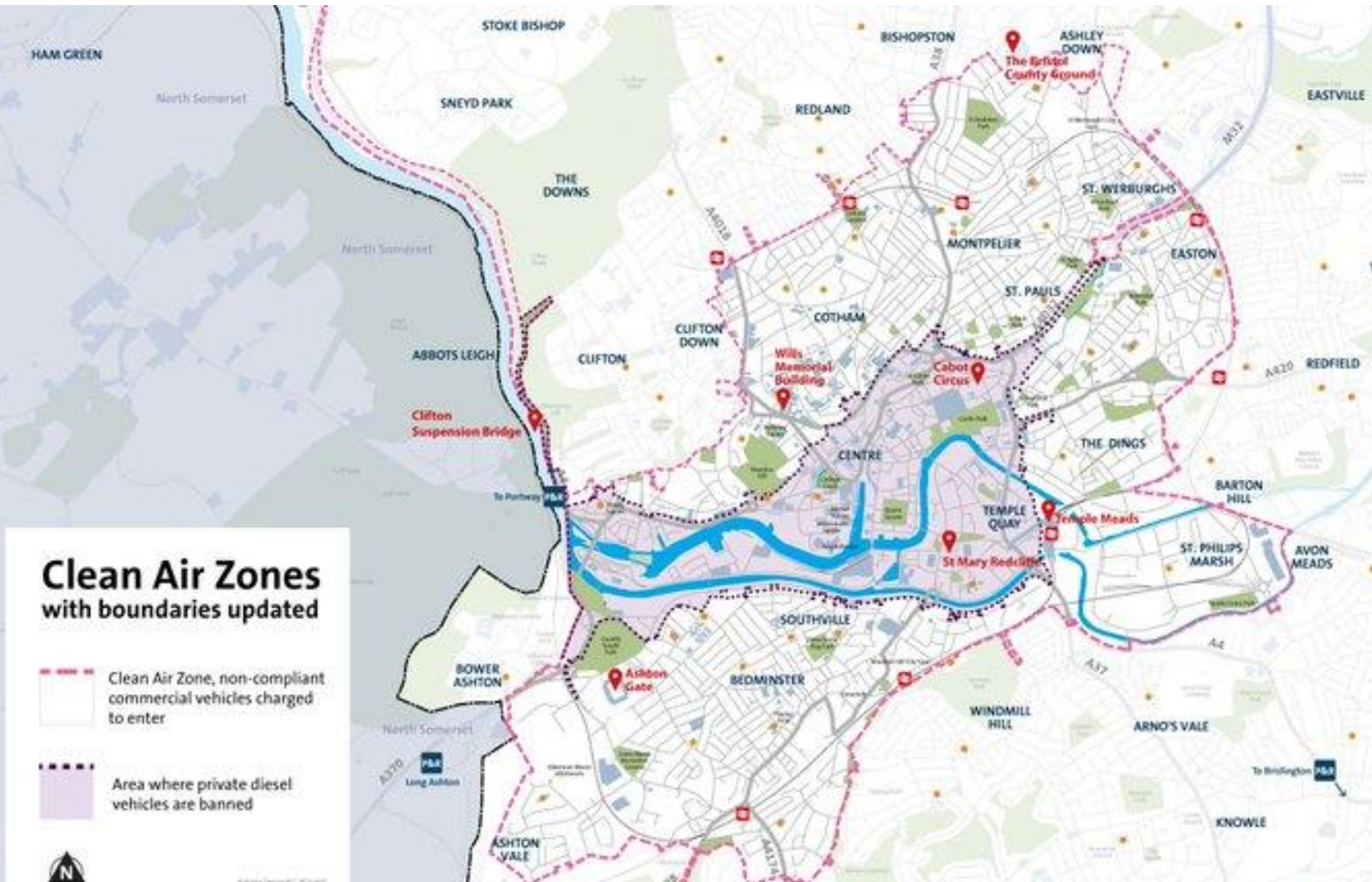
Dashboards

Events

Projects



Clean Air Zones (CAZ)



**What actions can we take
to improve Bristol's air
now?**

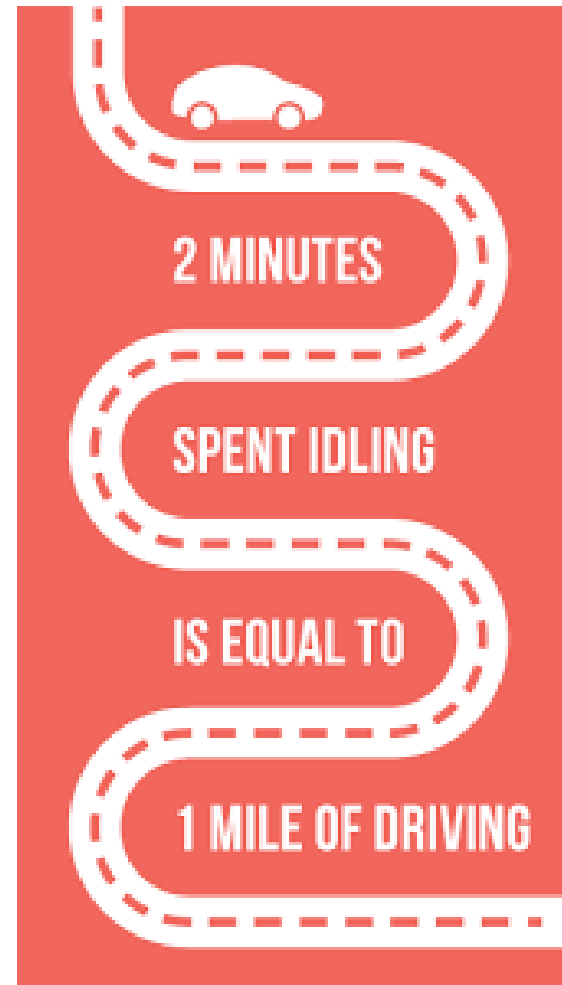
This project

1. Vehicle Idling Action in communities
2. Air Quality Action Day in Schools
3. External communications campaign

TBC, for example:

- Billboards
- Social media
- Radio adverts
- Press

Clean Air
for Bristol



What is Vehicle Idling Action?

- Education and behaviour change campaign to reduce localised air pollution and improve air quality
- Based on Idling Action London <https://idlingaction.london/>
- Adult volunteers “Air Quality Champions”
- Asking drivers to switch off to help improve local air quality
- Friendly, informative, non-judgemental
- Engage drivers who have had their engines idling for more than 1 minute, thanks those who have already switched off.



Benefits of reducing engines idling

Switch off your engine when stationary*

- Leaving your engine on when stopped causes air pollution, which is especially bad for children – and it's completely unnecessary!
- It will reduce your fuel costs
- If you switch the engine off, but keep the ignition on, you heater should stay warm for 30 minutes
- Stopping and starting the engine will not wear out modern engines

***Provided it is safe to do so and you are stopped more than 1 minute**



Vehicle idling action

Used with the kind permission of the Mayor of London

Idling engines contribute to local air pollution, which is harmful to health. If you would like to help improve local air quality, please switch off your engine if parked for a minute or longer.

Idling: the myths and the truth

Idling is 'fuelish' for all sorts of reasons, yet many of us still do it. So our myth-buster guide is here to give you the facts:

Myth

Truth

If it's cold outside, I need to keep the engine running to keep the heater on.

If you switch the engine off when you park and keep the ignition on, the heater should stay warm for up to 30 minutes.

If I'm parked on a yellow line, keeping my engine running means I won't get a fine.

Traffic wardens can fine you if you are parked somewhere you shouldn't be, whether your engine is running or not.

But surely it's better to idle because stopping and starting will wear out the engine?

This is no longer a problem with modern engines and by not idling you will use less fuel and reduce your fuel costs.

But surely idling does not contribute very much to air pollution in the grand scheme of things.

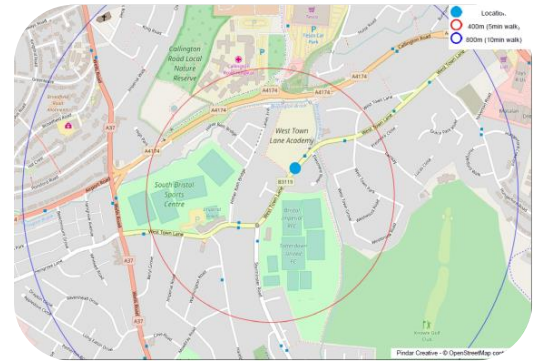
Research has shown that switching off engines when parked can reduce pollution levels in the street where the vehicle is parked.

But, but, but...No ifs, No buts, No idling!

Idling your engine unnecessarily is an offence and you could be fined.

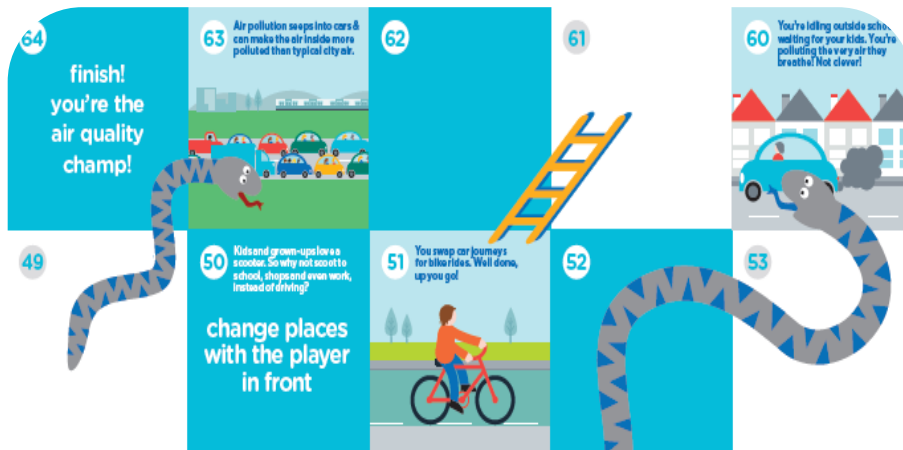
School Air Quality Action

- Assembly – Intro to Air Quality
- Classroom sessions
- Parking buddies
- Show you care park elsewhere banners
- 5-10 minutes walking map
- Park & Stride
- Parents Parking Pledge*



... leading to an **Air Quality Action Day!**

- Travelwest Roadshow
- Smoothie bike
- Dr Bike
- Air Quality Stall
 - ✓ Information
 - ✓ Sign up Air Quality Champions
 - ✓ Giant Snakes & Ladders game
 - ✓ Parents Parking Pledge*
- Vehicle Idling Action...



The plan so far:

- 15th Jan, 6pm City Hall - Community Vehicle idling Action briefing
- January Focus group – get involved!

Schools Air Quality Action events with vehicle Idling Action

- 31st Jan at Cathedral Primary
- 13th Feb at Parson Street Primary
- 3rd March at Summerhill Academy

Hopefully more Vehicle Idling Action in the pipeline...

- Hospitals (UBH & Southmead) dates TBC
- Other locations put forward by YOU
e.g. stations, shopping centres/streets

Get involved:

Leave you details with us today

or

Sign up online: <http://bit.ly/IdlingAction>

Lauren Curl

Community Engagement Officer

Lauren.curl@bristol.gov.uk

Thank you!