

SUSTAINABLE TRAVEL FOR THE HEALTH SECTOR:

BENEFITS FOR THE ENVIRONMENT & COMMUNITIES



DATE: 17TH NOVEMBER 2021

TIME: 13:00-15:00

LOCATION: ONLINE



The logistics

- Please mute your microphone when speakers are speaking.
- We encourage you to have your video on, especially during the discussion session.
- There will be plenty of opportunity for discussion, and please use the chat function at any time to ask a question or make a comment. The chat is being saved and we can follow up afterwards.
- If you're having any technical issues, please engage via the chat or email nathaniel.weaver@swm.org.uk and we'll try and assist you.
- Please close any other video call apps (e.g. Teams) or streaming services to improve connectivity!

Our agenda

- Anna Bright (SWM): Welcome and analysis from the latest [Roadmap to 2030 Monitoring](#)
- NHS Case Studies:
 - Fran Silcocks ([Sandwell and West Birmingham NHS Trust](#)) & Chris Coyle (Bicycle Mayor of Birmingham): Award winning sustainable travel plans
 - Owain Simpson ([University Hospitals Birmingham NHS Foundation Trust](#)): Clean Air Hospital Framework Evaluation
- Dharel Patel & David Gallagher ([National Express West Midlands](#)): Supporting NHS Trusts to shift towards a more sustainable travel operation
- Group discussion: What support do you need to make your travel more sustainable?
- Anna Bright & David Gallagher : Next steps and close



West Midlands Sustainability Roadmap to 2030 2021 Analysis

Anna Bright
anna.bright@swm.org.uk

- The sustainability adviser to cross-sector leaders of the West Midlands
- Established 2002
- Independent
- Not-for-profit

Our 2030 Vision:

The West Midlands is leading in contributing to the national target of net zero greenhouse gas emissions by 2050 whilst addressing health inequality and driving inclusive growth

How do we do this?





Networks and Collaboration



Our Vision: The West Midlands is leading in contributing to the national target of net zero greenhouse gas emissions by 2050 whilst addressing health inequality and driving inclusive growth.



- SUSTAINABLE DEVELOPMENT GOALS
- THE PARIS AGREEMENT

- UK INDUSTRIAL STRATEGY
- CLIMATE CHANGE ACT
- 25 YEAR ENVIRONMENT PLAN
- CLEAN GROWTH STRATEGY
- ENVIRONMENT BILL
- NATIONAL ADAPTATION PLAN
- CLEAN AIR STRATEGY
- ROAD TO ZERO
- CYCLING AND WALKING INVESTMENT STRATEGY
- FUTURE OF MOBILITY: URBAN STRATEGY
- RENEWABLE ENERGY DIRECTIVE

- LOCAL INDUSTRIAL STRATEGIES
- LOCAL ENERGY STRATEGIES FOR WM LEPS



2017

SWM AGM

2018










**SWM AGM
Board Meetings**

2019

**20+ meetings
Theme workshops
Online survey
Network meetings
Presentations
Board meetings
Annual Conference**



- This is the first time we have monitored our new Roadmap with the eight priorities
- Huge amount of data analysis and number crunching all done by volunteer placement
- Shows how we, as a region, are progressing against each of our priorities and overarching Net Zero target
- We reset the baseline to 2019 following Covid, as we assumed the 2020 data would not reflect 'normal' circumstances...
- ...but we can't yet fully set a baseline as many of the datasets go up to 2018 and most are in arrears to some extent.
- See [the report](#) for full analysis, recommendations and data issues (including some original targets that we have yet been able / are impossible to monitor...)

Roadmap priority	Target	Progress
	As specified	Sustain current action
	By 2030, achieve a household recycling rate of 55%	More action needed
	By 2030, one third of all trips made by walking or cycling.	Accelerate progress
	By 2030, 50-70% of new car sales should be Ultra Low Emission Vehicles	Accelerate progress
	By 2030, reduce mortality as a result of PM2.5 pollution exposure by 75% from 2019 levels	More action needed
	None at present	-
	By 2030, increase GVA per head by 40% from 2019 levels.	Unknown
	By 2030, sales in the Low Carbon Goods and Services sector will reach £40 billion.	Sustain current action
	By 2030, achieve a 40% reduction in male and female health inequality from 2019 levels	More action needed
	By 2030, reduce the proportion of households in fuel poverty by 50% from 2019 levels	Sustain current action
	By 2030 achieve a 79% increase in the amount of energy generated by renewables from 2019 levels	Unknown
	None at present	-



Target 1: By 2030, achieve a 40% reduction in male and female health inequality from 2019 levels

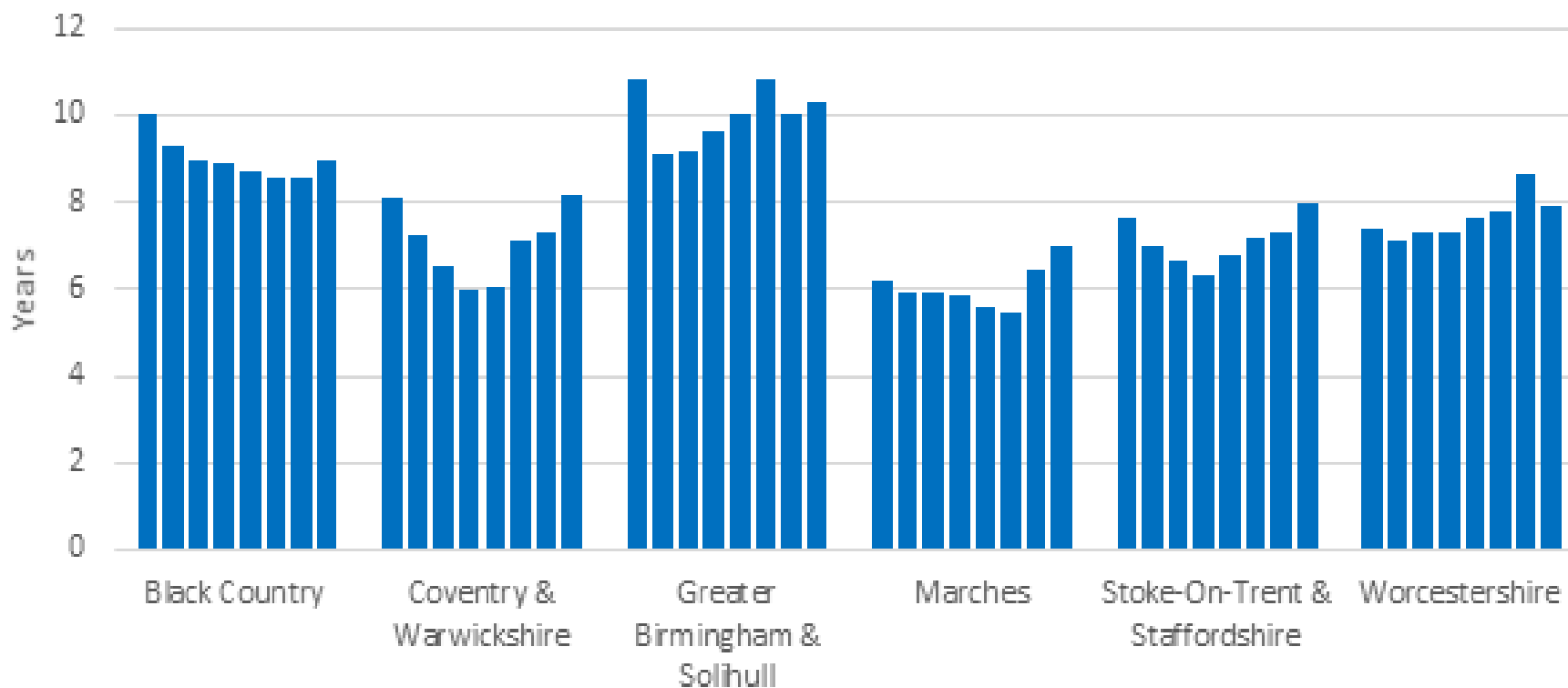
Target 2: By 2030, reduce the proportion of households in fuel poverty by 50% from 2019 levels

- Our population should not live in a region where socio-economic factors disproportionately affect members of society.
- **What's being done:**
 - **SWM** established its two health networks in 2014 so that we could work more closely with public health professionals and the NHS to address these concerns.
 - **Marches Energy Agency** independent charity supporting communities in the Midlands works with a range of partners to address fuel poverty, providing energy advice at home, local authorities and installers and more.
 - In 2018, MEA supported 3,500 struggling with fuel poverty, 41% of which had health conditions.



Social Equity
& Health

Male Life Expectancy Gap Between Most and Least Deprived Areas by LEP



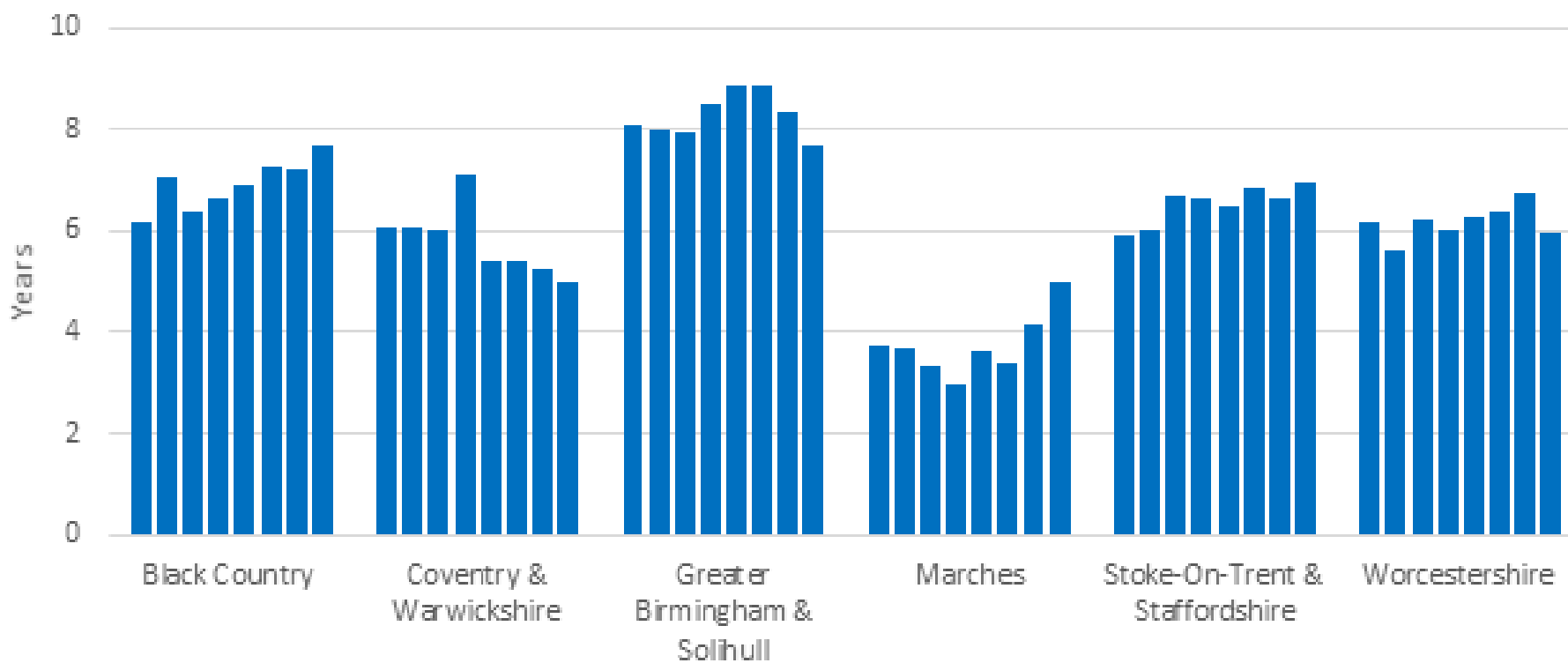
2010-2018 Data

**Status: more
action needed**



Social Equity
& Health

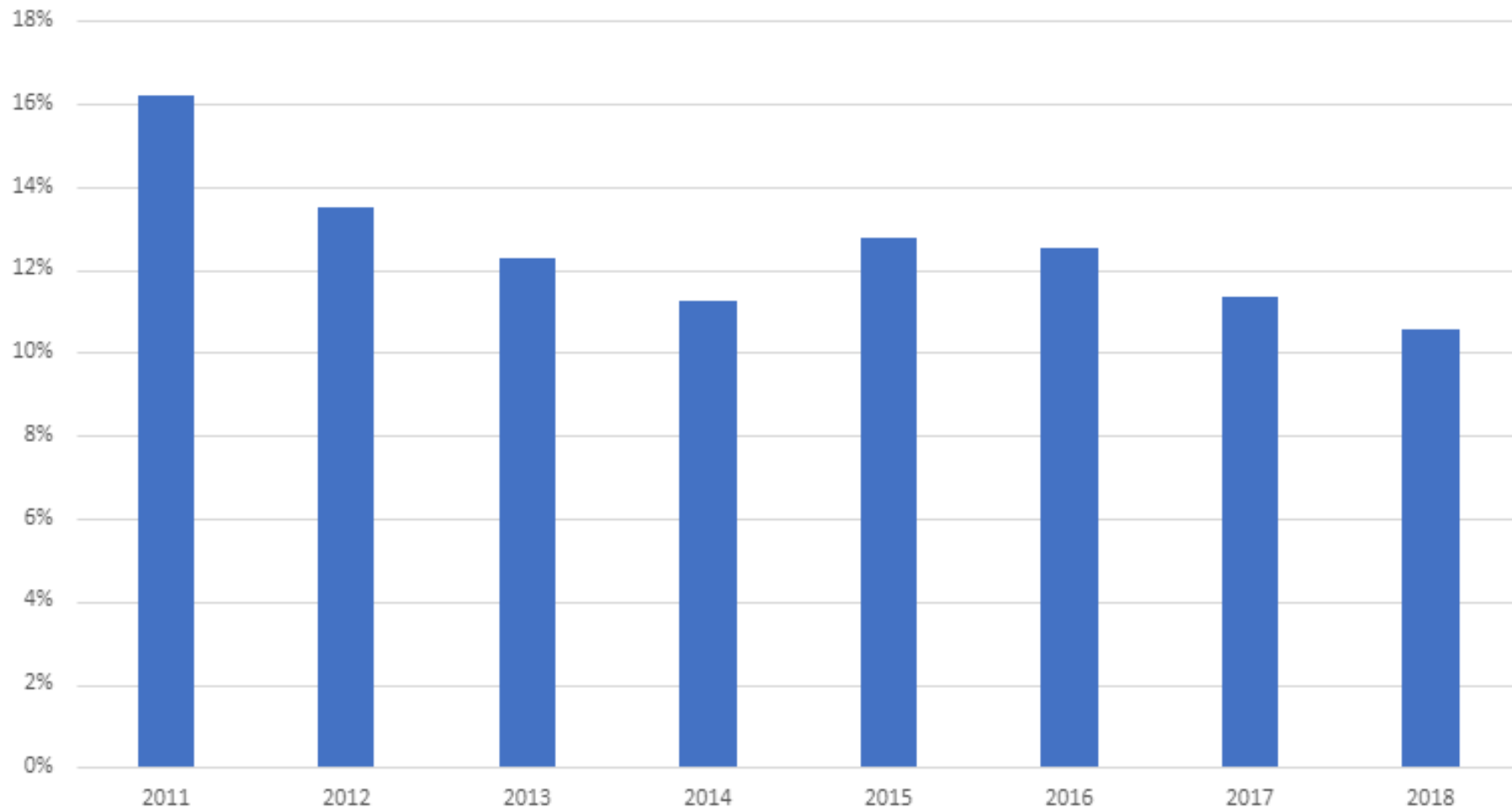
Female Life Expectancy Gap Between Most and Least Deprived Areas by LEP



2010-2018 Data

**Status: more
action needed**

Percentage of households in fuel poverty across West Midlands



Social Equity
& Health

Status: sustain
current action

Target 1: By 2030, 30% of all trips made by walking or cycling

Target 2: By 2030, 50-70% of new car sales should be Ultra Low Emission Vehicles

- By not enabling people to change their travel behaviour, we are encouraging more single-occupancy vehicles to stay to stay on the road
- Huge impacts on health of the population as a result of high air pollution levels, which ultimately means more deaths attributed to particulate matter
- **What's being done:**
- **Target 1:** Approximately 27% of journeys are made through cycling and walking, so there is still progress to be made. West Midlands Cycle Hire expanding over 2021 resulted in over 150,000 Km saved
- **Target 2:** Analysing and consulting on the Road to Zero, and Clean Air Strategies.

Clean and Active Travel

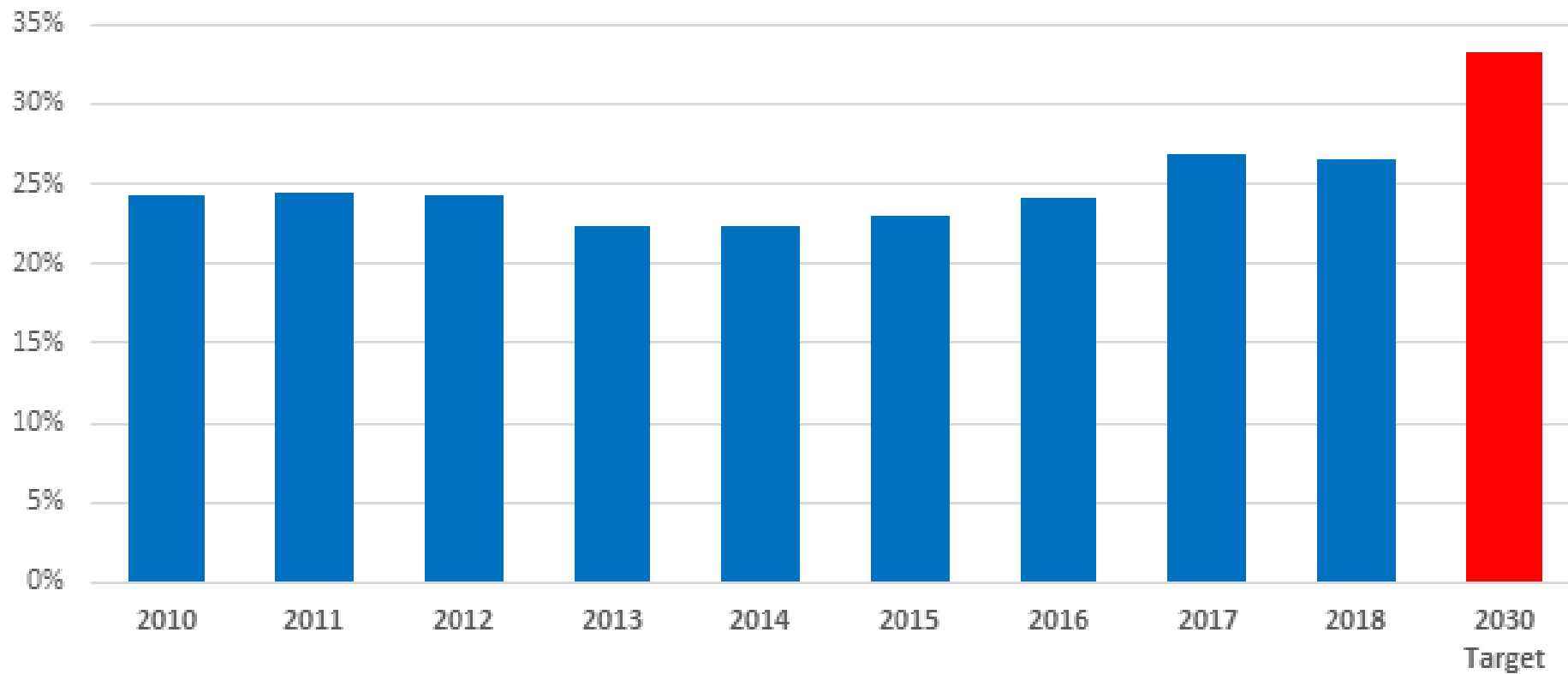
Promoting an active, accessible and connected lifestyle for everyone regardless of demographics





Clean &
Active Travel

West Midlands percentage of walking and cycling trips against all transport modes



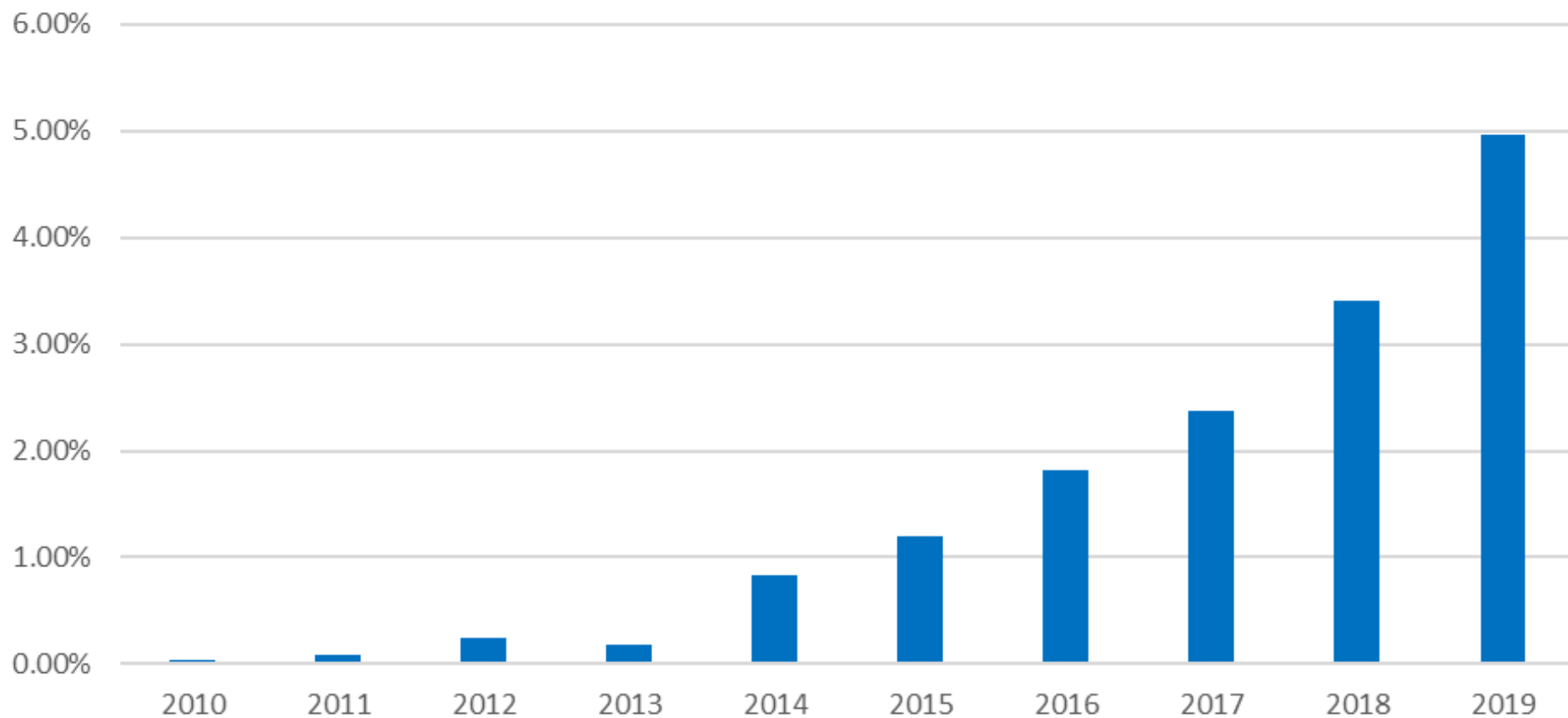
Status: Accelerate
progress





Clean &
Active Travel

Percentage of ULEV car sales in West Midlands



**Status: Accelerate
progress**

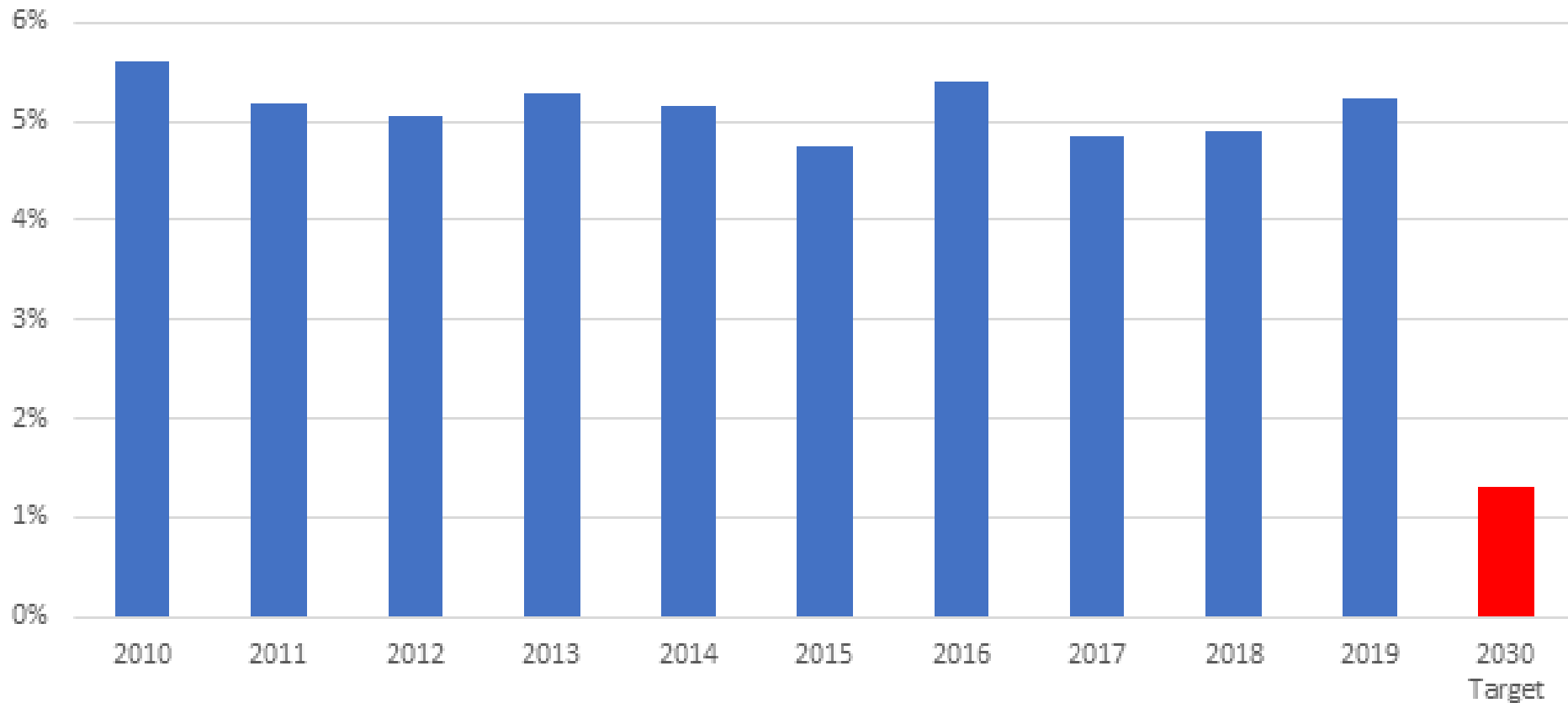


Target: By 2030, reduce mortality as a result of PM2.5 pollution exposure by 75% from 2019 levels

- West Mids: Approx 900 people die annually as a direct result of poor air quality and 5.1% of the population die early as a result of on-going exposure
- Watercourses that play a fundamental role in halting the trend of declining biodiversity in the region remain over-polluted
- **What's being done:**
- SWM hopes to encourage our stakeholders to influence and create change for a cleaner and healthier West Midlands
- Consulting with experts such as the WM-Air team based at the University of Birmingham, Severn Trent and the Environment Agency.
- Working to develop a target that focuses on Clean Water. As yet, we have been unable to access the necessary data to create a suitable evidence based target (potential **Love Your Rivers** program)



Percentage of Mortality Attributed to Particulate Air Pollution West Midlands



**Status: more
action needed**

- SWM's role is to help organisations meet the Roadmap targets by enabling:
 - **Innovation**: Using new ideas, technologies, services and processes to make positive changes quicker and more effectively (Innovation Zero Carbon working group)
 - **Leadership**: Leading by example and promoting the ideas and perspectives of influencers and policymakers who can inspire and make a difference (SWM Board)
 - **Collaboration**: Enabling the identification of partnerships and brokering connections between sectors to develop more powerful, sustainable solutions (Networks)
 - **Celebrating success**: Sharing good practice and promoting the achievements of our members and stakeholders and enabling these to be scaled up and applied elsewhere (Case Studies)

Anna Bright, Chief Executive
anna.bright@swm.org.uk

07751 923671
www.swm.org.uk

@SWMtweet
LinkedIn: Sustainability West Midlands

Newsletter: [Subscribe](#)



Travel and Clean Air

Sandwell and West Birmingham NHS Trust

Fran Silcocks - Head of Sustainability at SWB NHS
Chris Coyle - CEO Ebikebrum and Bicycle Mayor of Birmingham



About Us

- SWBH NHS Trust is an integrated care organisation dedicated to **improving the lives of 750,000 local people in one of the most deprived populations in the country.**
- We **employ over 7,000 people** who work in 2 acute hospitals, 3 community bedded facilities, multiple community and primary care locations.
- In 2023 we will open the brand new [Midland Metropolitan University Hospital](#).
- Our intention is to provide substantially more care at home and rely less on acute hospitals.
- We are committed to driving environmental sustainability across the Trust and locally, and aspire to be a national leader in driving sustainable practices within the NHS.
- **SWB NHS is an anchor institute** and we are expanding partnerships (ENGIE, local authorities, organisations and wider) so that we can positively impact on health outcomes locally and nationally
 - **Chair the Travel/Transport work stream for the** Black Country and West Birmingham Integrated Care System (ICS)
 - **Air Quality** - Engagement work with clinicians and local Clinical Commissioning Groups (CCGs) to **reduce the environmental impact of inhalers.** Sharing learnings.



Supporting Electrifying Vehicles and Encouraging Public Transport

- Trust transitioning all **general transport fleet to low emission vehicles**
- **Travel Plans** in place (staff travel surveys done annually)
- **Electric vehicle charging points across all sites** – currently 6 sockets with an additional 100 sockets for City and Sandwell Hospitals coming soon for patients, staff and visitors
- **Car sharing platform** introduced so colleagues can car share
- Discount of public transport, working in partnerships with local transport providers



Supporting Cycling

Facilities and support for cyclists

- Cycle parking infrastructure,
- Staff pool bikes to hire
- New cycle parking signage and cycle lanes on site
- Cycle to Work scheme
- Travel to Work guide for staff
- Free bike checks
- **'Get Active, Eat Free'** campaign – Free healthy lunch for cyclists and lunch time walkers



Ebikebrum

- Ebikebrum – A not-for-profit, community cycling based services, youth program, cycle café sessions, bike sales
- Cycling has many health and environmental benefits
- COP26 - Chris recently attended and spoke at this international conference on climate change



Ebikebrum and SWB NHS Partnership

- Free e-bike loans to SWBH staff, with high uptake/interest and many success stories
- Research into the benefits of active travel for staff using e-bikes
- Cutting edge social prescribing project that will demonstrate the benefits of using e-bikes
- Regular e-bike group rides in Sandwell Valley for staff (launched spring 2022)
- 'Hero's Way' - Benchmark cycle infrastructure connecting Smethwick/MMUH to Birmingham City Centre
- 'Live and Work Programme' - Helping community members find long-term employment through new industries (bikes/e-bikes, hospitality, e-cargo, manufacturing)



Thank You

UNIVERSITY OF
BIRMINGHAM



Air Quality Assessment at University Hospitals Birmingham NHS Foundation Trust

PROGRAMME TEAM

Dr Suzanne Bartington

Owain Simpson

Dr Cat Muller

Nicole Cowell

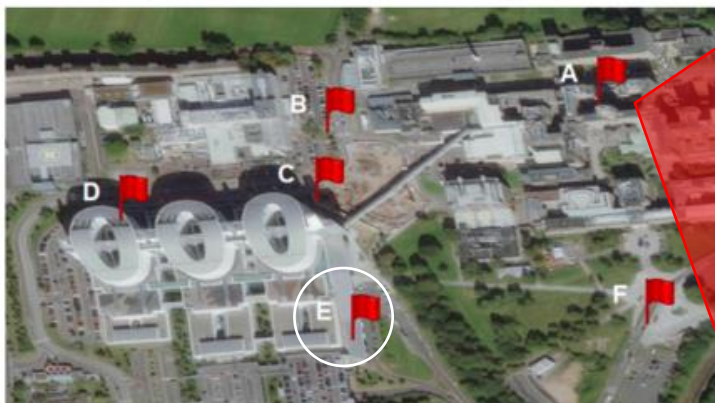
Daniel Rooney

WM-AIR
CLEAN AIR SCIENCE FOR
THE WEST MIDLANDS



WM-Air NO₂ Monitoring at UHB Trust Sites

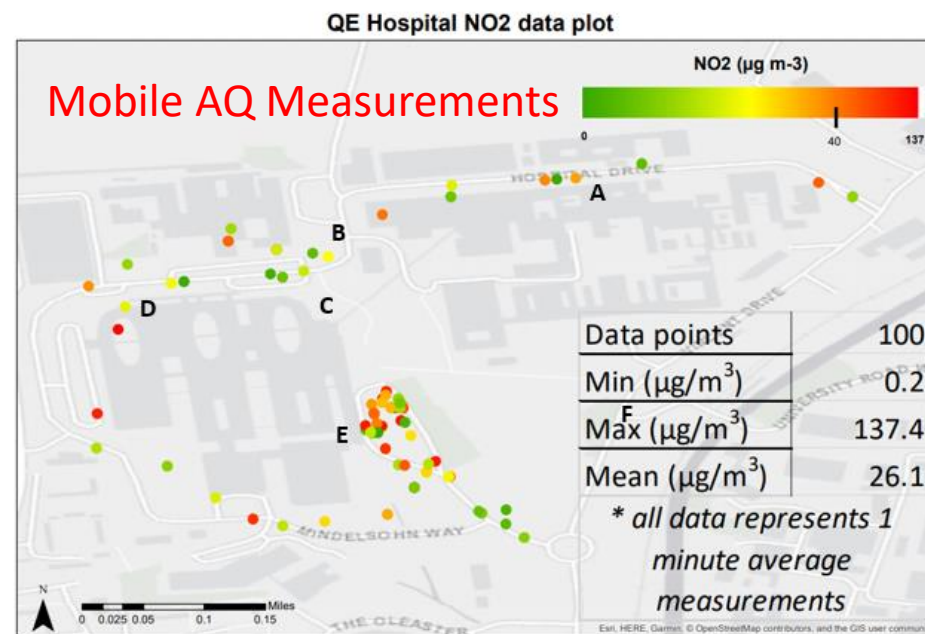
Queen Elizabeth Hospital



NO₂ Diffusion Tubes



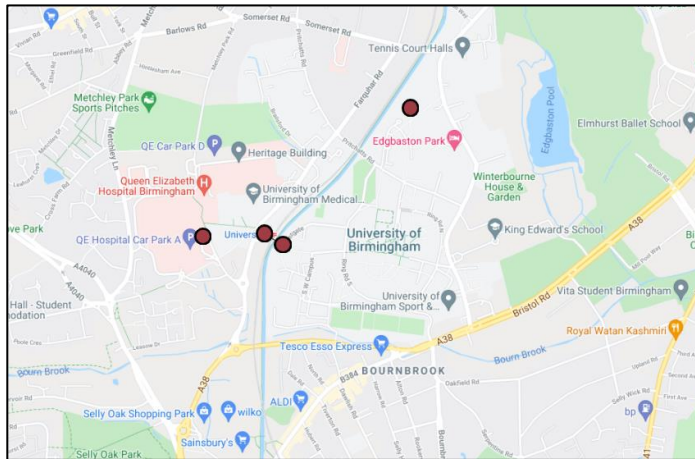
Heartlands Hospital



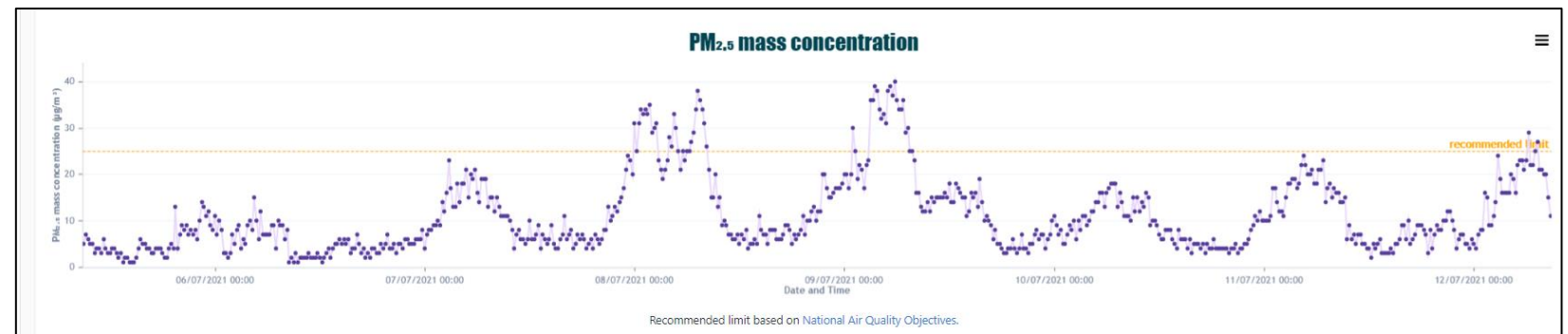
- NO₂ diffusion tube monitoring at QEHB and HH (Aug 2020 – Jan 2021); Mobile AQ measurements every fortnight at QEHB (2019-2020).
- High spatial variation in NO₂ concentrations recorded across the different sites (average range 28.8 – 39.5 $\mu\text{g m}^{-3}$ at QEHB; 26.7 – 40.5 $\mu\text{g m}^{-3}$ at HH).
- NO₂ Hotspots:
 - **Main Entrance at QEHB:** average 39.5 $\mu\text{g m}^{-3}$ - very busy location for hospital/private/public vehicles often idling when dropping off/collecting visitors;
 - **Gynaecology/near A&E at HH:** – average 40.5 $\mu\text{g m}^{-3}$ - near the A&E entrance and close to ambulance and private vehicle drop-off areas.
- The interim NO₂ diffusion tube data suggests that they can be a reliable, low-cost, indicator to track month-on-month (4-week) changes in NO₂.

WM-Air PM Monitoring at Acute Trust Sites

- Consistent evidence links Particulate Matter (PM) exposure with increased risk of adverse chronic and acute health outcomes (e.g., asthma, stroke Coronary Heart Disease, lung cancer)
- WM-Air (in collaboration with the Birmingham Urban Observatory) has deployed PM sensors at QEH (main entrance), University Station, Birmingham Children's Hospital and Birmingham Women's Hospital
- PM sensors may also be used to assess indoor air quality



PM sensor map (QEH & University Station)



Real-time PM_{2.5} concentrations at QRH Main Entrance (5-12 July 2021)



WM-AIR@CONTACTS.BHAM.AC.UK



@WMAIR_UOB



WM-AIR.ORG.UK

Identifying and Evaluating Air Quality Actions at the Queen Elizabeth Hospital, Birmingham.

Owain Simpson

Supervisors:

Dr Mark Elliot (*WMG*), **Dr Suzanne Bartington** (*WMAir*) and **Phillippa Hentsch** (*UHB*)

 WM-AIR@CONTACTS.BHAM.AC.UK

 @WMAIR_UOB

 WM-AIR.ORG.UK

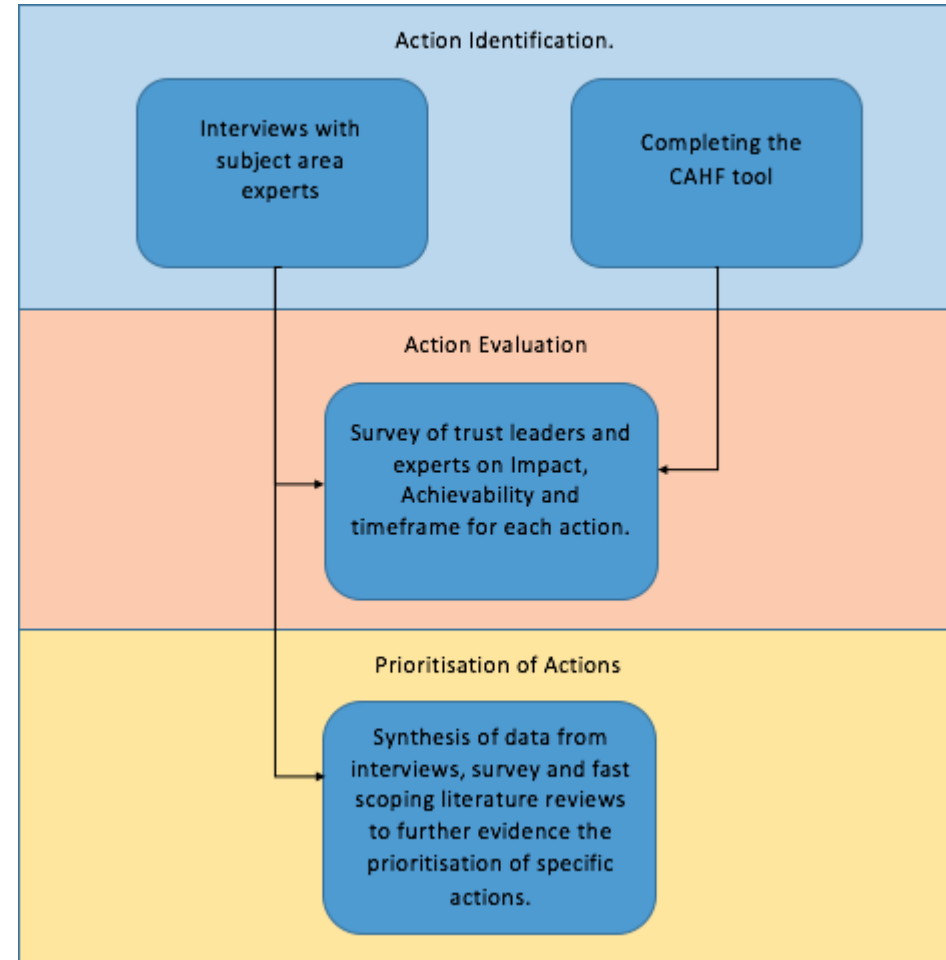
The aim of this project was to provide University Hospitals Birmingham NHSFT with a well-evidenced and prioritised set of actions to address issues to do with air pollution at UHB.

These issues include both addressing UHB's operational contributions to air pollution locally and protecting patients, staff and local communities from air pollution exposure.

Project Structure

We identified 74 distinct actions to evaluate.

At the end of our Evaluation we were left with a shortlist of 10 Actions recommended from our mixed methods approach.



Action Identification Part 2: Interviewing Experts in Sustainability, Public Health, Healthcare Operations Management and Change Leadership

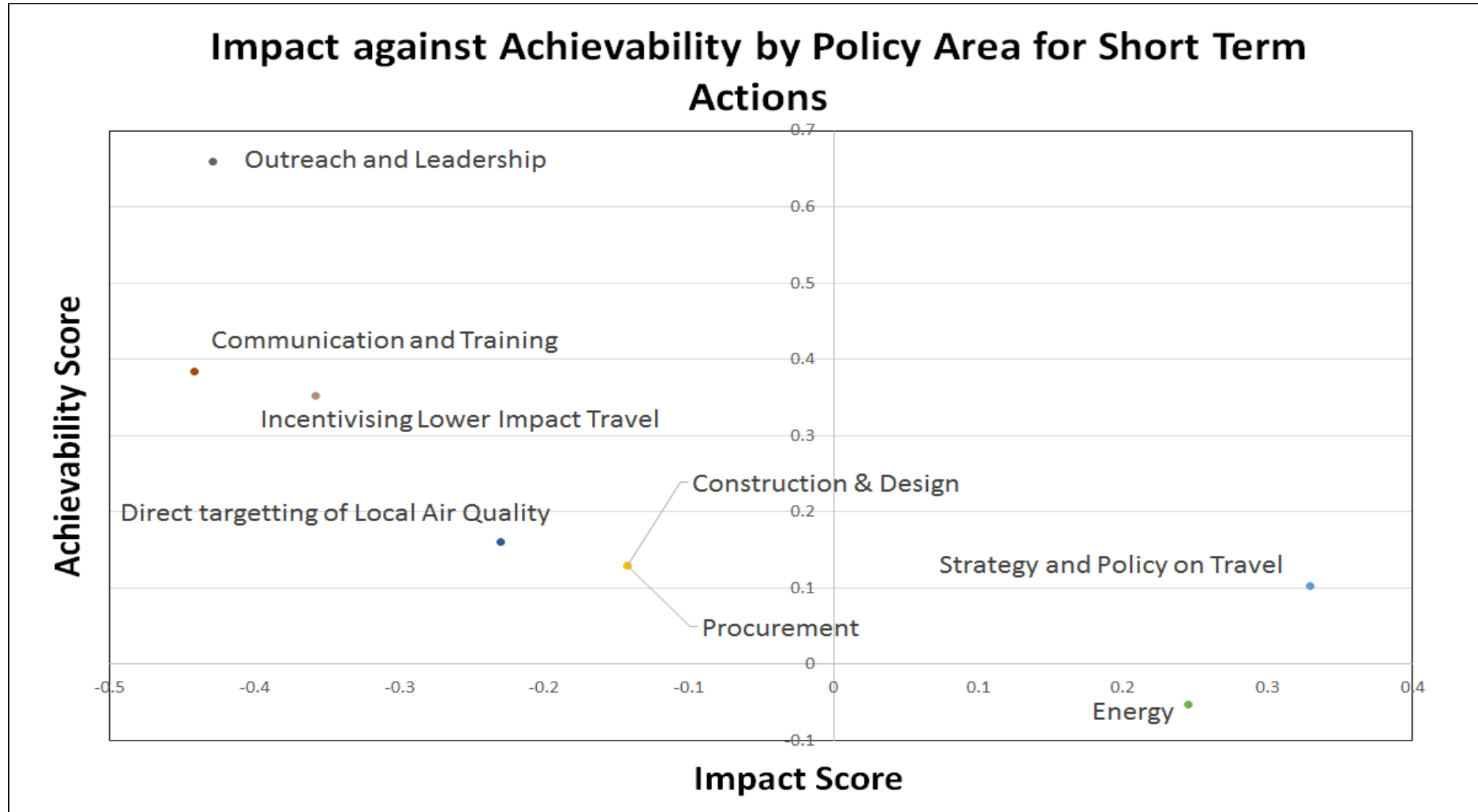
Action Evaluation: Creating a set of distinct actions and surveying subject area experts on each action's likely impact and achievability

Please select an option to describe the following action in terms of its potential impact, how easy it will be to implement, and what time frame we should be working within.

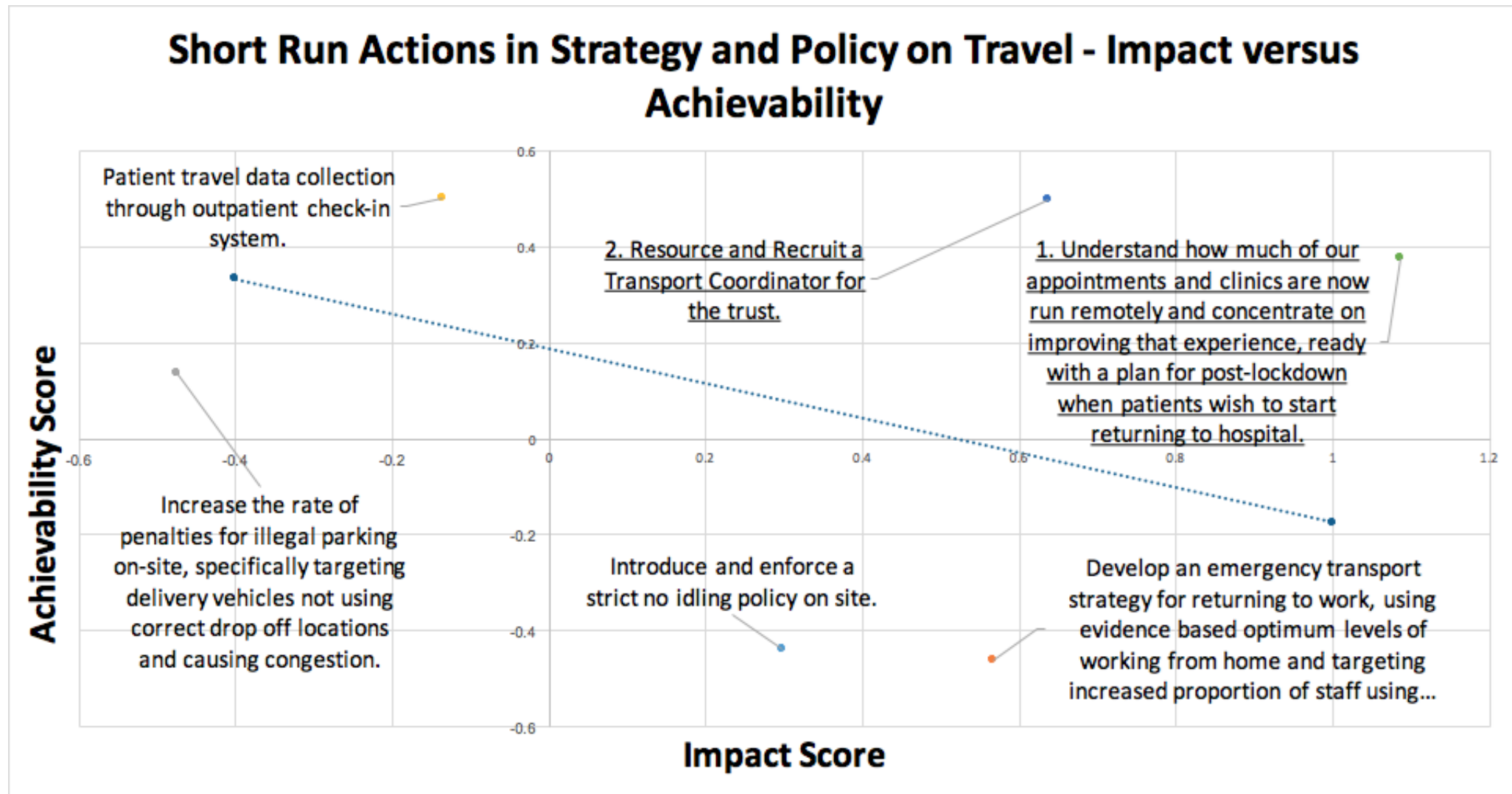
	Describe the extent to which the following action will improve our local air quality or enable us to protect people from local air pollution?						How easy will it be to implement this action?						What timeframe in years would you put this action in for it to achieve its potential?			
	Not at all	Insignificant	Moderate	Significant	Extreme	No Idea	Impossible	Difficult	Moderate	Achievable	Easy	No Idea	1	5	10	No Idea
Create a sustainability in healthcare management module with the education department to disseminate knowledge and raise awareness.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



Prioritisation of Actions: Qualitative Ranking of Groups of Actions by Survey Score



Prioritisation of Actions: Qualitative Ranking of individual Actions by Survey Score



Action Title	Impact Score Rank	Achievability Score Rank	Positive Interview Consensus	Identified Barriers/ Trade-Offs	Supported by Secondary Research	Timeframe	WMAH AQ Monitoring Supported	Action already in UHB Tracker
* = Actions deem long run by Survey respondents								
Embed remote hospital activity as a permanent and sustainable option wherever possible.	1	16	Unanimous	IT video consultation capacity	Yes	Short Run	Yes	Yes
Recruit a Transport Coordinator. An expert who can engage with: local authorities to develop transport systems that suit our sites; staff and patients to explore new modes of transport to our sites.	2	12	Unanimous	Cost	Yes	Short Run	Yes	Yes
Adopt an emergency transport plan for staff returning from working from home. This should establish optimum levels of remote working and target sustainable transport and flexibility.	3	37	Unanimous	Staff Health (Mental and Physical)	Yes	Short Run	Yes	~
Implement 'power down' periods of IT equipment trust wide overnight	5	28	Yes	IT capability in question	Yes	Short Run	No	No
Build sustainability into procurement processes rewarding low emission and low impact supply chains	1*	16*	Unanimous	Cost and Available metrics of Comparison (e.g LCA)	Yes	*Long Run	No	Yes

* = Actions deem long run by Survey respondents	Score Rank	Score Rank	Interview Consensus	Barriers/ Trade-Offs	by Secondary Research		Monitoring Supported	already in UHB Tracker
Create pricing equity between public transport and driving for staff and patients	24*	23*	Yes	Complaints about cost of parking and convenience gap	Yes	*Long Run	Yes	~
Use cycle courier logistics in supply chain to hospital sites.	25	25	No	Perception of safety and capacity	Yes	Short Run	Yes	No
Collect Patient and visitor travel data. (e.g.check-in systems or combined authority programmes to map regional travel)	18	11	Yes	What other information could we be gathering instead	Yes	Short Run	Yes	No
Create and promote a ‘sustainability in healthcare management’ module with the education department	22*	4*	Yes	Cost	Yes	*Long Run	No	No
Adopt evidenced KPIs measuring performance against sustainability and air quality criteria	12*	10*	Yes	Staff Knowing how to improve performance	Yes	*Long Run	No	No

General findings:

- **Significant barriers** to making changes related to estates and air quality management were found to be **cost and the trust's PFI contract** this directed us to target actions determined by behaviour and operational efficiency.
- We need to have resourced time to focus on **implementing the actions recommended**, with **specialised roles in focus areas** such as travel and transport, and liaising with external collaborative organisations.
- The **Covid 19 pandemic has changed a lot of the focus of these actions** and the position we're now in carries an opportunity to embed remote technologies, removing travel to the hospital, as much as is safe for patients and staff.
- Actions targeting **energy production and capital investment are likely to reduce carbon usage** more than improve air quality. The prioritisation of behaviour change and transport in this set of recommendations reflects this as well as the current context (e.g. working from home and telemedicine).
- This prioritisation of actions should be reviewed on a regular basis to ensure this context is up to date.



WM-AIR@CONTACTS.BHAM.AC.UK



@WMAIR_UOB



WM-AIR.ORG.UK

Supporting NHS Trusts to shift towards a more sustainable travel operation

Dhareel Patel (Environmental Strategy Manager, National Express)
David Gallagher (Partnership Manager, National Express)



Modal shift makes the biggest impact



Just **6 more bus journeys** a year by everyone is equal to the **entire** bus fleet transitioning to **ZERO emissions**

Travel green with National Express bus

We are committed to being a **zero emission company from 2030**



In six months our 29 electric buses clocked 429,000 miles and **saved 700 tonnes of carbon dioxide**

Coventry to be first **fully electric bus city by 2025**

Innovation through operation of hydrogen & electric buses.

If everyone switched one car journey a month to a bus, that would mean up to a billion fewer car journeys, saving 2 million tonnes of CO2

Our buses are powered by renewable energy sources including; Solar panels at bus depots, solar energy, wind farms, hydropower and biomass.



A double decker bus can take **75 cars**



off the road

We have partnered with Sustainability West Midlands

I felt I had to make some simple changes to help the climate emergency, taking the bus helped me make that change

National Express is leading on sustainability



Major investment in electric and hydrogen buses. Each costs around **£500k to buy!**



Electric vehicles can charge up in **4 hours** & can run for **200km**

A hydrogen bus can be refuelled within

10 mins



Hydrogen & electric run on renewable

'green' energy



even the heaters are powered by the battery!

“ Buses have changed so much! ...It's a REALLY comfortable journey and I'm pleased I'm doing something to help the environment ”

British built buses



Workplace Travel Partnership, supporting the shift towards sustainable travel

Dhareel Patel (Environmental Strategy Manager, National Express)
David Gallagher (Partnership Manager, National Express)



A little about us...

The largest bus operator in the West Midlands,

covering



95% of the region

Providing travel solutions through

digital innovation

Operating across all markets & sectors



Partnering with businesses in the West Midlands to deliver discounted travel to employees and supporting our regions move to

zero emissions

Encouraging modal shift and providing commuters with a **sustainable way to travel**

Enabling business communities to **come together**

“ We connect people, with the workplace and their communities ”

Modern buses for a travel revolution



USB charging



Next stop announcement



Zero & low emission



Contactless technology



Free wi-fi



Relaxing commute



Comfort



Friendly & inclusive travel



Work while travelling

Trusts we are already partnering with

University Hospitals Birmingham NHS Foundation Trust
Birmingham Women's and Children's NHS Foundation Trust
Birmingham and Solihull Mental Health NHS Trust
Birmingham Community Healthcare NHS Foundation Trust
The Royal Orthopaedic Hospital NHS Trust

The Dudley Group NHS Foundation Trust
Coventry and Warwickshire Partnership NHS Trust
Sandwell and West Birmingham Hospitals NHS Trust
The Royal Wolverhampton NHS Trust
University Hospitals Coventry and Warwickshire NHS Foundation Trust
Walsall Healthcare NHS Trust

Some of our other partnerships

We work with



We partner with



A partnership that starts with a portal



“National Express has created a truly innovative way to deliver inclusive travel to our workforce”

How the Partnership benefits the NHS

Provides your business with an exclusive **employee incentive**



The portal provides an **administration free system for your business**

Provision of data that can form part of your businesses **green travel plan**



Reduces
the need for on-site car park spaces

Enables businesses to **achieve CSR & ESG goals**

Expert travel advice

provided during on-site travel clinics

Encourages a **healthier** way to travel



The portal system saves our business time and offers our employees fantastic travel benefits

How the Partnership benefits NHS employees

Provides staff with exclusively **discounted** travel across the West Midlands



A **greener**, relaxed way to travel to work

Avoid parking and **Clean Air Zone** charges



(Birmingham City Centre)

Get discounts at top attractions across the region



Up to three children can travel with you for just **£1 each**



An extra adult can travel with you for **£2**

“It’s the extra benefits make it a great deal, I just couldn’t get anywhere else”

Supporting NHS shift towards a more sustainable travel operation

NHS Carbon Footprint and Carbon Footprint Plus - Current (2019/20)

All values in tonnes of CO₂ equivalent (tCO₂e) and are rounded to nearest 10 tCO₂e.

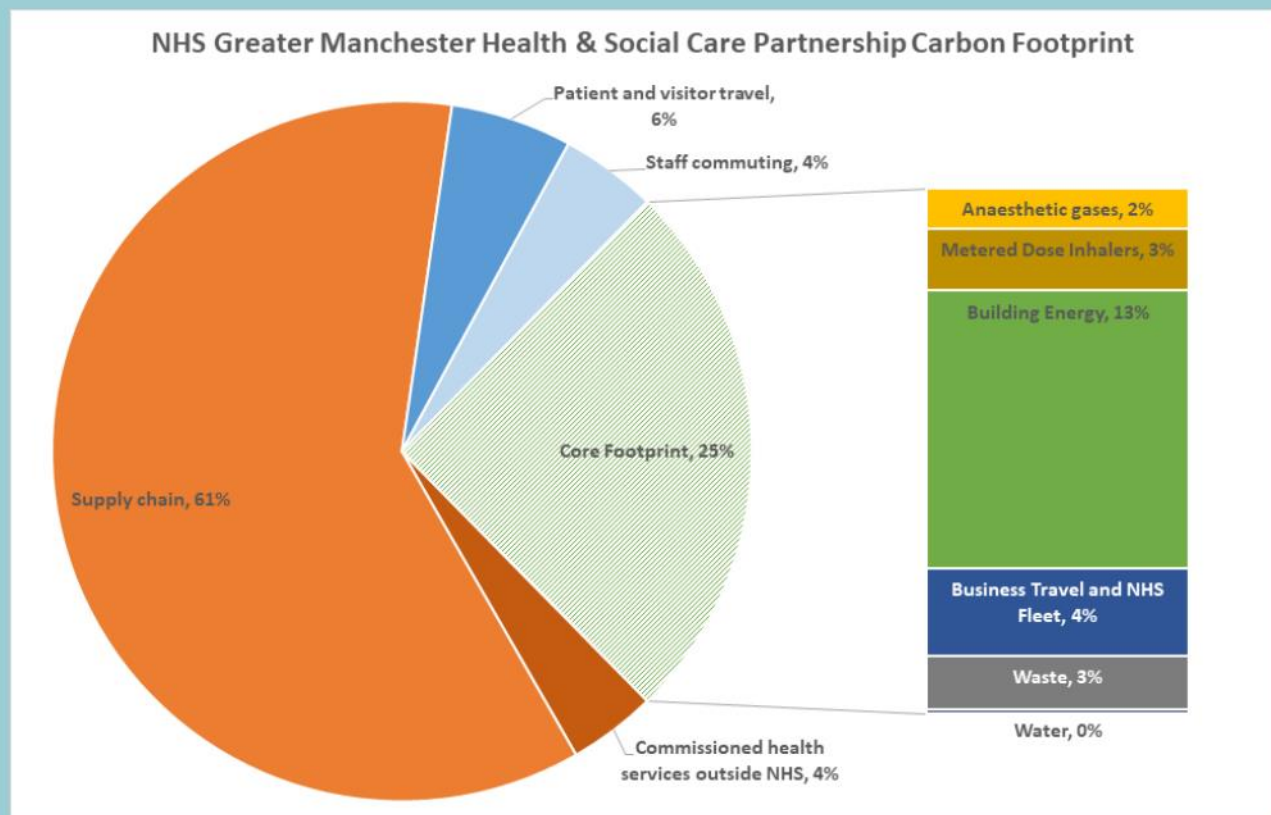
08/10/2021

	Carbon Footprint / Plus	Level 1	Level 2	Level 3	Emissions Scope	Emissions (tCO ₂ e)
MIDLANDS						
	Carbon footprint	NHS Carbon Footprint	Business Travel and NHS Fleet	Business Travel	Scope 3	12,670
	Carbon footprint plus	Personal travel	Patient and visitor travel	Patient travel	Scope 3	26,550
	Carbon footprint plus	Personal travel	Patient and visitor travel	Visitor travel	Scope 3	7,760
	Carbon footprint plus	Personal travel	Staff commuting	Staff commuting	Scope 3	24,430
	Carbon Footprint					71,410

We can help be part of the solution to reduce these transport & travel emissions.

Supporting NHS shift towards a more sustainable travel operation

CARBON FOOTPRINT



Staff commuting
4%

Patient & Visitor travel
6%

Supporting NHS shift towards a more sustainable travel operation



Portal NHS Demo

Supporting NHS shift to a sustainable travel operation - NX solutions

- ✓ 1 week free bus travel for 'new starters' & 'bank staff'
- ✓ 1 months funded Bus Travel for International doctors & nurses
- ✓ Funded day saver travel for the vulnerable, elderly and under privileged
- ✓ Bus travel clinics at NHS locations, when situation allows
- ✓ Portal data, tracking performance of NHS portal to support NHS Green Travel plans

Supporting NHS shift to a sustainable travel operation - NX solutions under development

- ✓ Service to cover Christmas Bank Holidays, avoiding taxi bills
- ✓ A mechanism to encourage Business travel on the bus as an alternative to the car
- ✓ An incentive for staff to trial free bus travel 'Try before you buy' by receiving a 5 day ticket
- ✓ From 2022, Quarterly communications for the NHS to maintain engagement and promote offers

Next steps

1. Promote the current portals more widely, increase senior stakeholder & Comms engagement
2. Explore with Trusts how we can build a travel solution for Patients & Visitors
3. Help us understand if there are other areas we can collaborate on



Partnering with National Express bus is helping us deliver our staff travel plan and move towards our zero emissions goals

Key takeout's

1. NHS staff commuting equates to about 25,000 tCo2 (4% of total NHS emissions, visitor and patients is 6%)
2. Through current & future initiatives, we have the travel solutions to directly reduce these emissions
3. Directly engage with us and NHS staff...an together, we'll reduce these emissions



Partnering with National Express bus is helping us deliver our staff travel plan and move towards our zero emissions goals

“

I love that it's so simple and easy to use.
It's a great support to us.
I'm super excited!

”

Contact us on
David.Gallagher@nationalexpress.com
Richard.Cawton@nationalexpress.com
Visit our website nxbus.co.uk

nxwestmidlands



nxcoventry



West Midlands Travel Limited. Registered No: 2652253



national
express **Bus**
Workplace Partnership

Anna Bright, Chief Executive
anna.bright@swm.org.uk

07751 923671
www.swm.org.uk

Twitter: @SWMtweet
LinkedIn: Sustainability West Midlands

Newsletter: [Subscribe](#)



SUSTAINABLE TRAVEL FOR THE HEALTH SECTOR:

BENEFITS FOR THE ENVIRONMENT & COMMUNITIES

DATE: 17TH NOVEMBER 2021

TIME: 13:00-15:00

LOCATION: ONLINE

