



Introducing the ICS  
Clean Air Framework

13.05.25

# In the UK, air pollution....

Causes up to 43,000 deaths each year

Causes over 6 million sick days each year

Costs the NHS and care providers £22.6 billion per year

Causes 20,000+ hospital admissions for lung and heart problems

# Modelling

## Improving air quality will have real impacts for your population

### IMPROVING AIR QUALITY CAN HELP SECURE A HEALTHIER ENVIRONMENT FOR THE MOST VULNERABLE AND UNDERSERVED COMMUNITIES<sup>1</sup>



AIR POLLUTION CONTRIBUTES TO THE **10-YEAR DISPARITY** IN LIFE EXPECTANCY<sup>2</sup>

The most deprived communities are exposed to some of the worst air quality, which contributes to the disparity in life expectancy between the most and the least affluent communities.<sup>2</sup>

IMPROVING AIR QUALITY FOR **10%\*** OF THE POPULATION AT AN ICS LEVEL COULD:

**HELP SAVE 6,182 LIVES  
EVERY YEAR**



**PREVENT AN EXTRA**

**1,747 cases of Coronary Heart Disease**

**762 cases of Chronic Obstructive Pulmonary Disease**

**672 cases of Stroke**

**806 cases of Asthma**

**2,195 cases of Diabetes**

**45 cases of Lung Cancer**

**SAVE £40.3 MILLION  
EVERY YEAR**



**£5.3 million for Primary Care**

**£18.7 million for Secondary Care**

**£9.7 million in Medication Costs**

**£6.4 million for Social Care per year**

A more comprehensive analysis of this data is accessible for individual ICSs.

If you would like to improve air quality for your population, contact [james.bevan@boehringer-ingelheim.com](mailto:james.bevan@boehringer-ingelheim.com)

\*LEVELS OF PM 2.5 COMPARED TO 2019 STANDARDS

References: 1. Fecht D, Fischer P, Fortunato L, Hoek G, Hoogh K, Marra M, Krulze H, Vienneau D, Beelen R, Hansell A (2014) Associations between air pollution and socioeconomic characteristics, ethnicity and age profile of neighbourhoods in England and the Netherlands. Environmental Pollution. Volume 198, March 2015, Pages 201-210. doi: 10.1016/j.envpol.2014.12.014. 2. Every breath we take: the lifelong impact of air pollution. Royal College of Paediatrics and Child Health (RCPCH) and the Royal College of Physicians (RCP). 2016. Available at: [https://scate.org.uk/wp-content/uploads/2016/05/Air\\_pollution\\_20pp\\_summary\\_WEB.pdf](https://scate.org.uk/wp-content/uploads/2016/05/Air_pollution_20pp_summary_WEB.pdf)

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# ICS Clean Air Framework

- Developed with NENC ICS, Newcastle NHS Trust and BI
- Tool for all ICSs, helping focus ambition into change
- Targeted action plans to reduce air pollution
- Published June 2022



# The ICS Clean Air Framework

Eight themes:

1. Digitalisation
2. Education
3. Infrastructure
4. Local Authority Collaboration
5. Strategic decision making
6. Supply Chain
7. Transport
8. Whole Health Care Approach



# ICS Clean Air Framework- The Online Tool

<https://framework.actionforcleanair.org.uk/register>

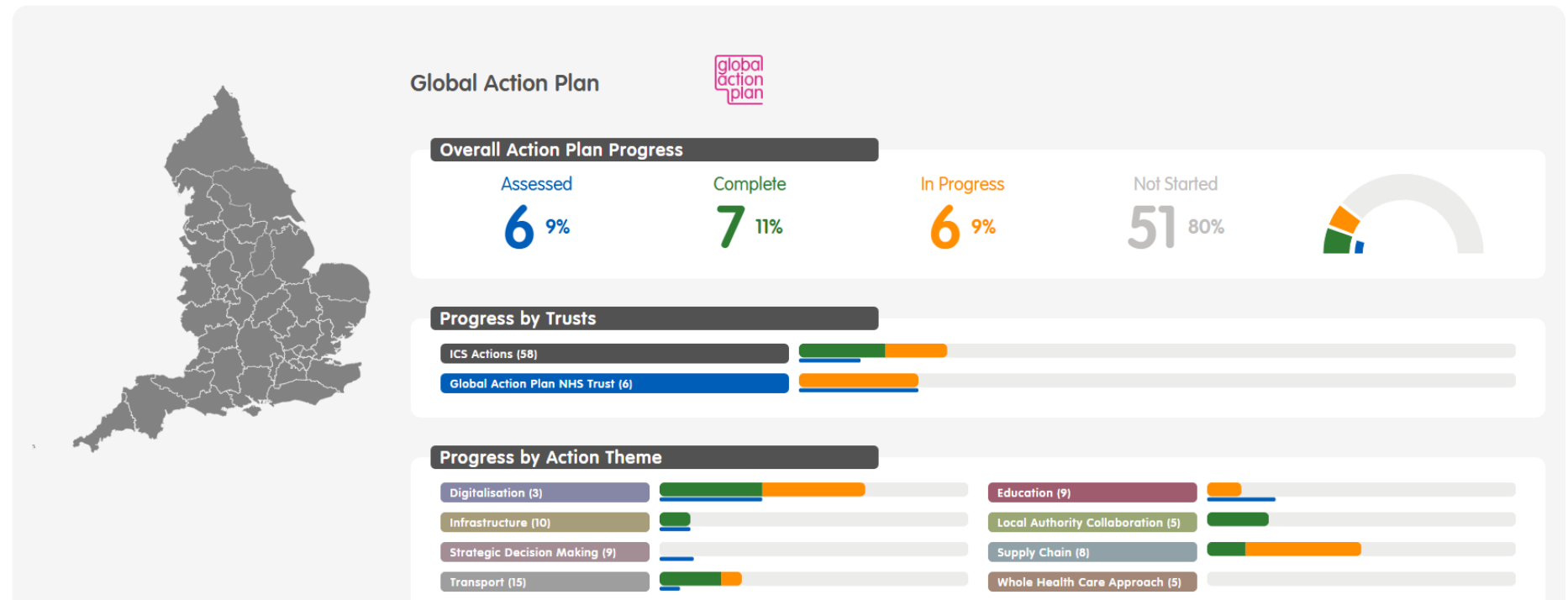
ICS clean air  
framework

Dashboard Actions Team Logout

Version: 1.2.3 User: Laura Burgess Role: ICS Admin

## Welcome

This is your Dashboard. Here you will be able to see an overview of progress against your action plan as you take action to improve air quality, support better health outcomes, and tackle health inequalities.



# 64 actions across 8 themes...

## Actions

These are your Actions. Here you will be able to manage your action plan to improve air quality, support better health outcomes, and tackle health inequalities.

Total Actions: 64   Assessed: 0   Not Started: 64   In Progress: 0   Complete: 0

[Reload Action Data](#) | [View Details All](#) | [Hide Details All](#)  
[Download Action Plan](#) | [Download Summary](#)

Sort by: **PRIORITY**

Filter By Theme: **DIGITALISATION** | EDUCATION | INFRASTRUCTURE | LOCAL AUTHORITY COLLABORATION | STRATEGIC DECISION MAKING | SUPPLY CHAIN | TRANSPORT | WHOLE HEALTH CARE APPROACH

Filter By Progress: **NOT STARTED** | IN PROGRESS | COMPLETE

Filter by Bookmarked: **BOOKMARKS**

[Clear All Filters](#)   [Hide Sort & Filters](#)

### DIGITALISATION - APPOINTMENTS

**NOT STARTED** | IN PROGRESS | COMPLETE



**1.01** Target agreed for the number of out-patient appointments to be delivered remotely (via online/telephone).

[View Details](#)

### DIGITALISATION - APPOINTMENTS

**NOT STARTED** | IN PROGRESS | COMPLETE



**1.02** Where appropriate, provide patients with the option to choose an in-person or online appointment. This can then be automated for each patient to have an appointment type that suits them.

[View Details](#)



**2.08** Patients that are more at risk (consider CORE20PLUS5 population) of the health effects of air pollution to be given information on health issues related to air pollution, and given advice on how to reduce their exposure to air pollution and ways to reduce their contribution to air pollution.

**Assessments:****Impact:****Cost:****Time:****Guidance**

- Provide information on air pollution to patients, which they can study in their own time.
- Careful consideration should be made as to whether patients have the means to make changes to their situation when giving guidance and information.
- At-risk patients include those from deprived backgrounds, from ethnic minority backgrounds, living near main roads or industry, children, pregnant women, and the elderly. Those with pre-existing health conditions are also more at-risk.
- [Free resources available at Action for Clean Air](#). ICS Sustainability Team to coordinate with PCNs to roll out scheme.

**ICS Action Plan**

Record your plan for this action...

[Edit](#)**ICS Green Plan Target**

Record how this action links to your existing Green Plan Targets

[Edit](#)**ICS Notes**

Keep notes on your activity here...

[Add](#)**UN Sustainable Development Goals**

**No Poverty**  
1.5: By 2030, build the resilience of the poor and those in vulnerable situations and reduce their exposure and vulnerability to climate-related extreme events and other economic, social and environmental shocks and disasters



**Good Health and Well Being**  
3.4: By 2030, reduce by one third premature mortality from non-communicable diseases through prevention and treatment and promote mental health and well-being

**Progress Criteria**

- **In progress:** Information packs are being created. Conversations with relevant teams has begun.
- **Complete:** Patients are receiving information on the affects of air pollution. There is the option to measure patients understanding before and after the information has been given.

**ICS Linked Documents**

Add links to your documents here...

[Add](#)



# Linking to the Green Plan



- Green Plans align with themes of the Framework (And vice versa!)
- Create a Clean Air chapter or weave clean air actions throughout your Green Plan

## Digital Transformation

- Digitalisation theme
- Actions: 1.01, 1.02, 1.03
- Remote appointments

## Workforce & Leadership

- Education theme
- Actions: 2.01, 2.02, 2.03, 2.04, 2.06
- Sustainability courses to all staff
- Dedicated training on air pollution and its impact on health

## Medicines

- Supply chain theme
- Actions: 6.01, 6.02
- Anaesthetic gases
- Inhalers

## Travel and Transport

- Transport theme
- Actions: 5.03, 7.02, 7.04-7.13
- Green travel plans and travel surveys
- LEV/ZEVs
- Active and public transport
- Travel in sustainability training
- Partnering with LAs and orgs

## Estates & Facilities

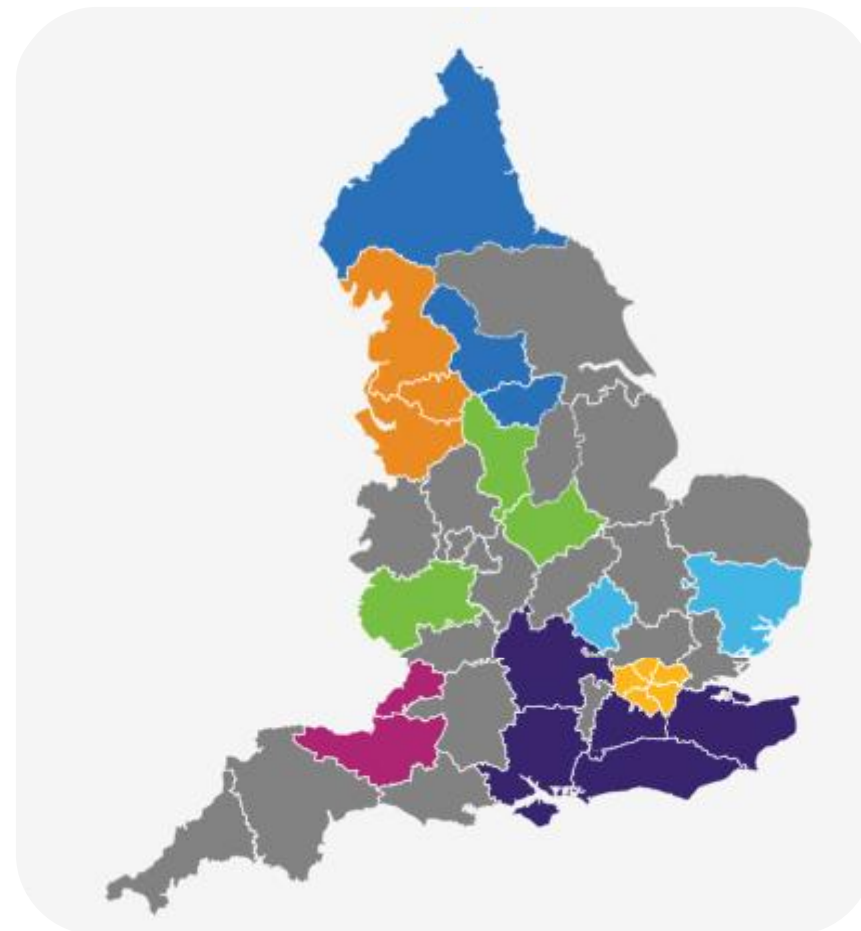
- Infrastructure theme
- Actions: 3.04, 3.05, 3.06, 3.07, 3.08
- Buildings policies
- Renewable energy
- EV charging infrastructure

## Supply chain & procurement

- Supply chain theme
- Actions: 6.03, 6.05, 6.06, 6.07, 6.08
- Deliveries
- Sustainability training to procurement team
- Sustainable procurement policy

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ICSs have already  
signed up to the  
new online tool



# Supporting Materials



Supporting  
Slides



How-to Video



Supercharging  
clean air action  
in your ICS

Clean air is not just a luxury; it is a fundamental right, a cornerstone of public health that impacts every individual, family, and community across the country.

In 2022, the Chief Medical Officer designated air pollution as the priority of the year, recognising the far-reaching implications of air quality on the wellbeing of our nation, particularly for people living in deprived neighbourhoods. He also committed to the NHS reducing its contributions to air pollution by half within a decade.

The imperative for action is clear – the air we breathe directly influences our health, from before our very first breath until our last. The healthcare sector's commitment to the health and resilience of the communities it serves must drive forward action to address this critical issue.

Tackling air pollution often seems like an enormous, onerous task. The ICS Clean Air Framework breaks it down with tangible actions in the collective pursuit of clean air. This comprehensive initiative is not just a plan; it is a long-term commitment to change, a roadmap designed to navigate the complexities of the healthcare landscape while prioritising the health of local citizens. By integrating seamlessly into existing structures, the framework empowers healthcare providers and administrators to take meaningful action against air pollution, enhancing the quality of care they deliver and reducing health inequalities across the population.

The results from areas where the ICS Clean Air Framework is being implemented speak for themselves. In just a short amount of time, the framework has clarified the thinking and allowed long-term planning for cleaner air. These Integrated Care System teams are demonstrating their commitment to reducing the burden of air pollution on the health of their communities. The success stories emerging from these pioneering ICSs echo the promise of a healthier future for all.

Global Action Plan is also continuing to develop the ICS Clean Air Framework with our key partner Boehringer Ingelheim, by creating an online web platform. Our aim is for this to further facilitate the sharing of best practice and live updates within and between ICSs.

I urge you to join pioneering ICSs across the country in taking action on air pollution by adopting the ICS Clean Air Framework. Together we can make a lasting impact, realising the vision of a healthier, more resilient nation for generations to come.

Larissa Lockwood,  
Director of Clean Air,  
Global Action Plan



Report



# How can GAP assist?

- Have us join a meeting (or 2) of your choice!
- We can run the modelling engine with you



[Malcolm.white@globalactionplan.org.uk](mailto:Malcolm.white@globalactionplan.org.uk)

[Laura.burgess@globalactionplan.org.uk](mailto:Laura.burgess@globalactionplan.org.uk)

To start your ICS on the path to clean air visit:  
<https://framework.actionforcleanair.org.uk/register>

### SIGN UP

Sign up to develop your Clean Air Framework and take action to improve air quality, support better health outcomes, and tackle health inequalities across your ICS.

Integrated Care System \*

Click to select or start to type the name

YOUR DETAILS

First Name \*

Last Name \*

Email Address \*

Confirm Email Address \*

Job Title \*

Password \*

Confirm Password \*

REGISTER

OUR LIVES. OUR PLANET.

Thank you and  
good luck!



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