



Department  
for Environment  
Food & Rural Affairs



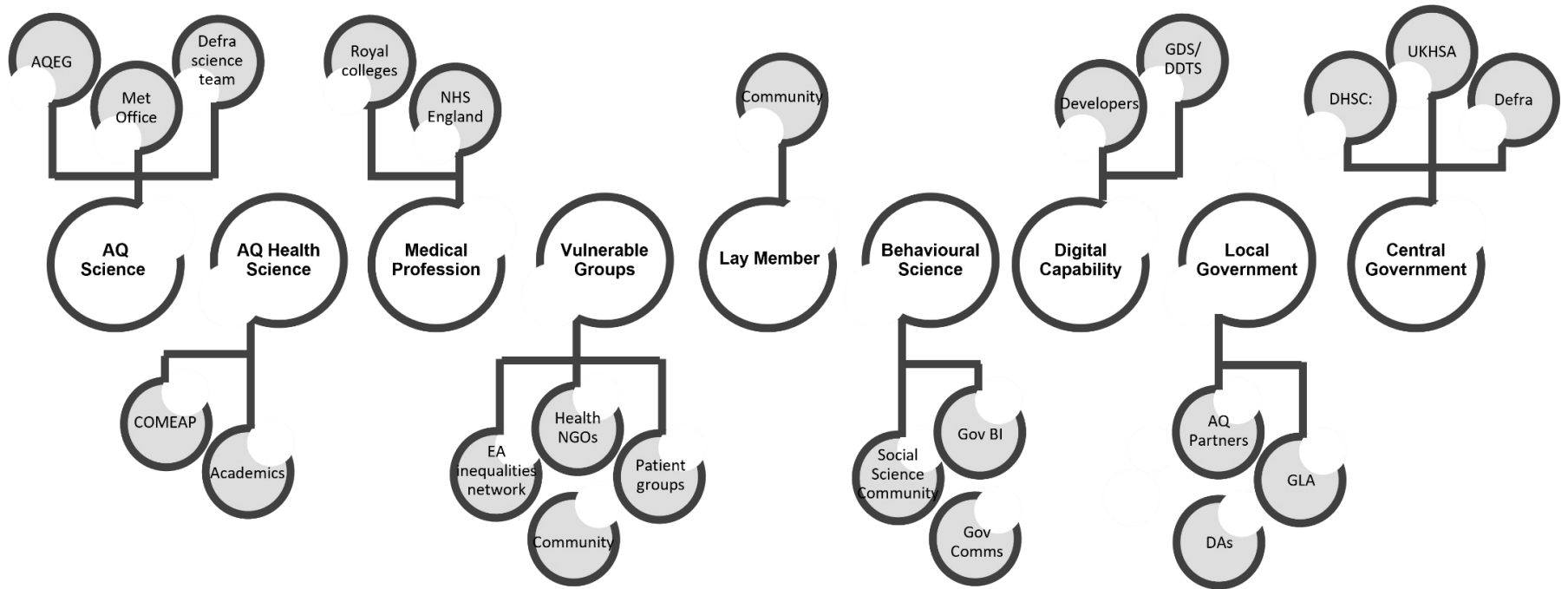
UK Health  
Security  
Agency

# Air Quality Information System Review

# AQIS Review

- The Prevention of Future Deaths report following the inquest into the death of Ella Adoo-Kissi-Debrah highlighted a need to review the current provision of Air Quality Information.
- The Air Quality Information System review was launched by Defra & UKHSA in December 2021.
- Led by a multi-disciplinary steering group of independent experts, the review is taking a **holistic** look at air quality information provision.
- AQIS Steering Group is made up of air quality experts, medical professionals, representatives of vulnerable groups, a lay member and government representatives.

# Review Steering Group

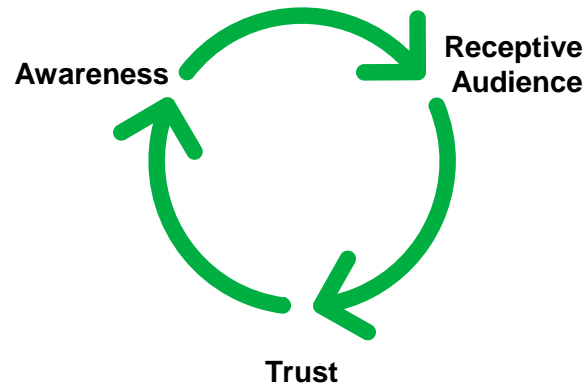


# Two Things to Get Right

## **Risk Communications**

*Messages/advice triggered by specific air quality conditions*

- What does everyone need to know about local air quality conditions to reduce adverse health impacts during periods of elevated air pollution?
- What action can everyone take to reduce their exposure and contribution to air pollution?
- How can data be visualised to convey risk?

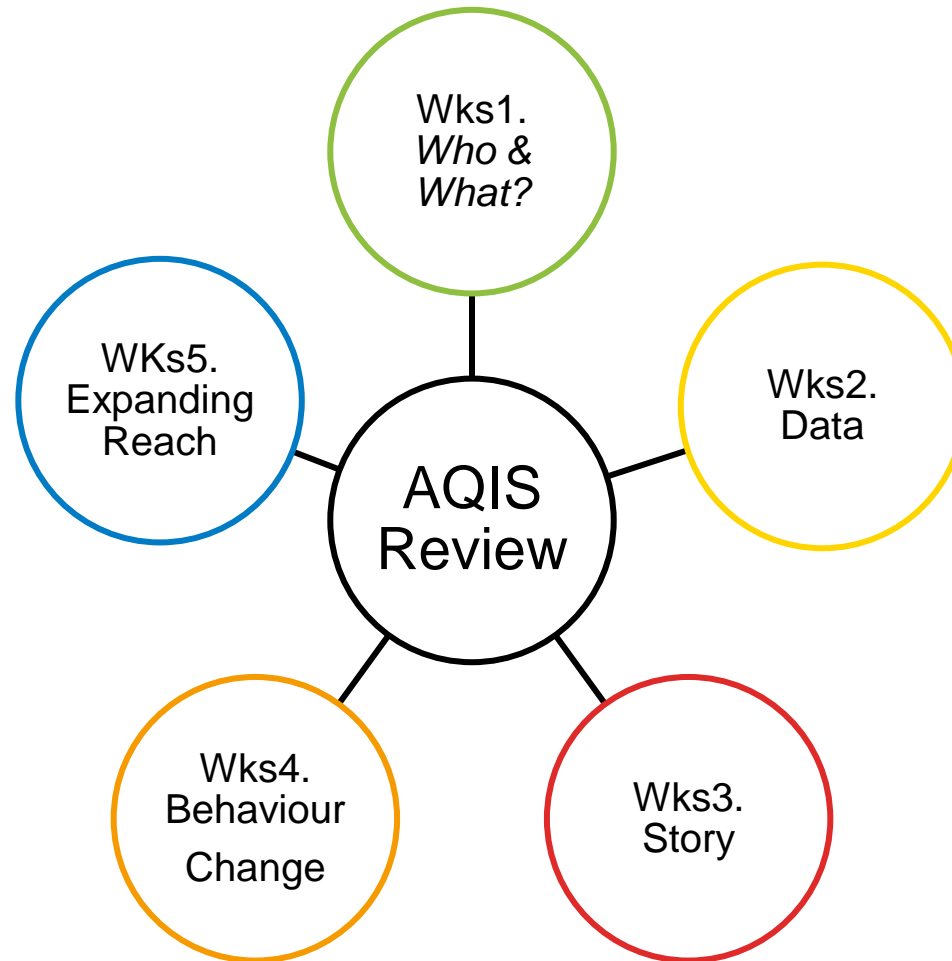


## **Wider Information System:**

*General messaging for awareness of air quality*

- What general understanding of air quality does everyone need in order to more effectively land messages?
- What are the simple take home messages?
- How can government work WITH trusted messengers to disseminate information?

# Programme of Work



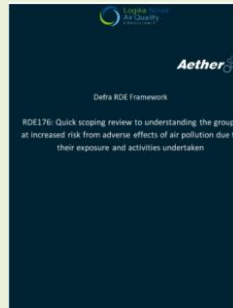
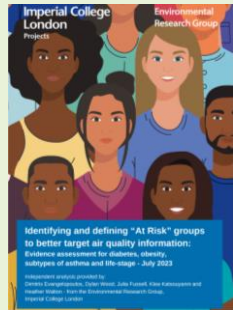
# Commissions and Outputs

Workstream 1	Workstream 2	Workstream 3	Workstream 4	Workstream 5
<p>Rapid Evidence Assessment of health evidence identifying &amp; defining “at risk” groups:</p> <p>Quick scoping review of groups at increased risk from adverse effects of air pollution due to their exposure.</p> <p>Exercise and exposure to air pollution: Rapid Evidence Assessment</p>	<p>Air pollution modelling – strengths, limitations and opportunities: expert round table report</p>	<p>Daily Air Quality Index Evaluation</p> <p>Other Countries’ Air Quality Information</p>	<p>Air quality qualitative research panel</p>	<p>Systematic Technology Review to Map the Digital Air Quality Information Landscape in the UK</p> <p>LA Information Provision</p> <p>Social Network Mapping</p>

AQIS Theory of Change  
Community Engagement Programme

# Commissions and Outputs

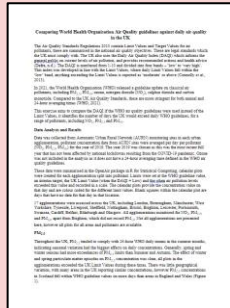
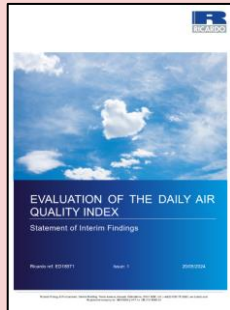
## Workstream 1



## Workstream 2



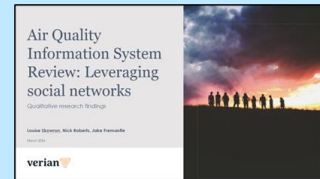
## Workstream 3



## Workstream 4



## Workstream 5



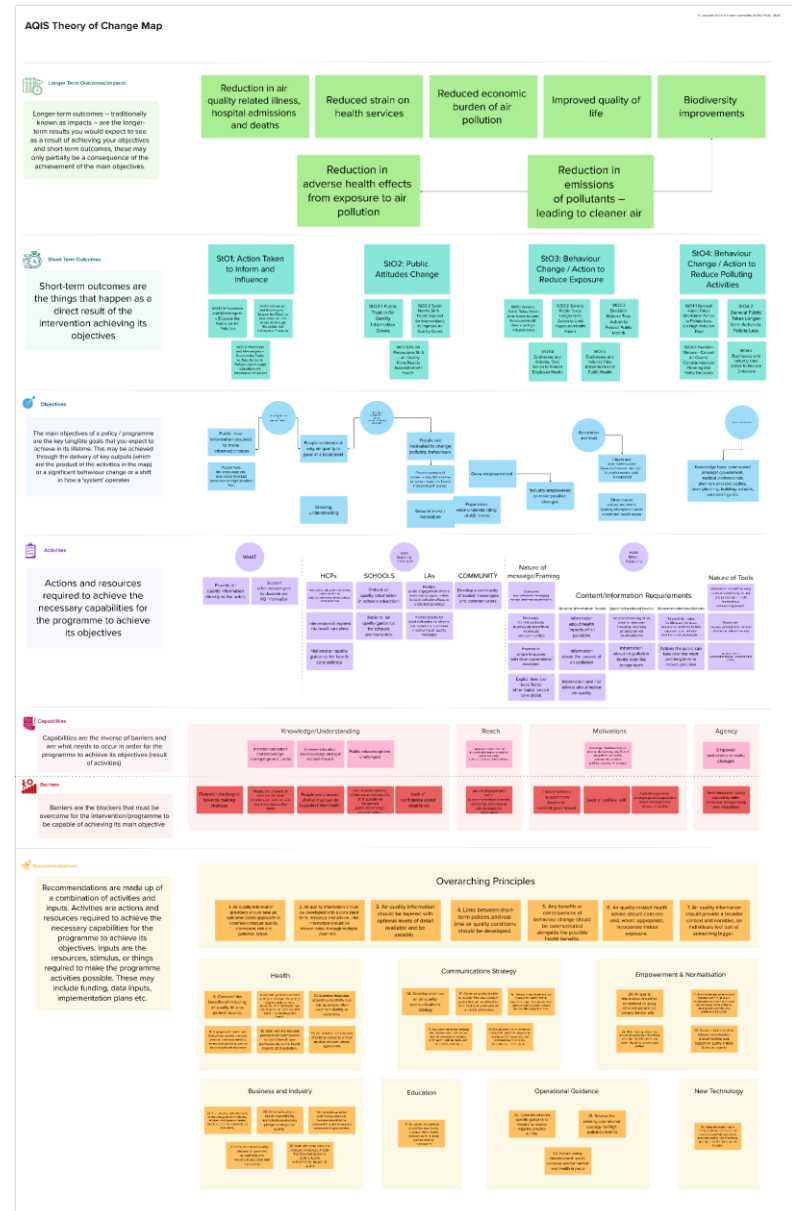
# AQIS Theory of Change Community Engagement Programme

# Theory of Change - Vision Statement

- In an improved future, **air quality information** is made easy.
- It is **simply explained**, readily **accessible** and presented as a **coherent** story – with clear links to the issues that people already care about and the **benefits** of cleaner air.
- The information provided is seen as credible and trustworthy and supports a population-wide understanding of air quality harms. Members of the public, influencers and messengers (such as health professionals and educators) decision makers, and business and industry feel **informed about the practical actions people can take** over the short and long term to reduce their exposure to air pollution and are **empowered to take and promote action to reduce pollution**.
- As **awareness and engagement increase** across communities, social **attitudes and behaviours begin to shift** – driving air quality up the political agenda and ultimately driving towards a vision of **cleaner air for all**.



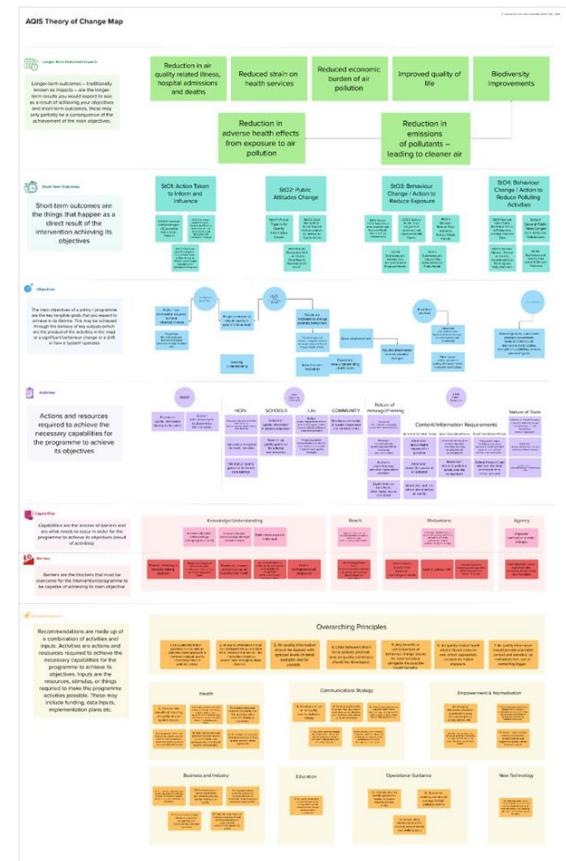
# AQIS - Theory of Change



# Theory of Change Recommendations

The 32 theory of change recommendations fall into the following 8 categories:

- Overarching principles
- Health
- Communication Strategy
- Education
- Normalisation/Empowerment
- Business and Industry
- New Technology
- Operational Guidance



# DRAFT - Final Recommendations

- 11 Final Recommendations
- 5 Categories
  - Principles
  - Communications Strategy
  - Education
  - Indices & Advice
  - Review & Evaluation
- Final report to be published shortly

