Actively anticipating the unintended consequences on air quality of future public policies

Nigel Gilbert
and the ANTICIPATE team
Inception workshop

List candidate policies → Select policy → Stakeholder mapping → Influence mapping → Contact workshop participants

Inception workshop summary → Select issues → Consult experts → Invite additional participants

Follow-up workshop

Inception workshop summary → Workshop summary → Write briefing → Distribute briefing

Policy change or refinement
The NHS App enables people to:

- Check symptoms
- Access NHS 111 online
- Register as an organ donor
- Control use of data for research and planning
- Book and manage appointments
- Order repeat prescriptions
- View their GP medical record securely

The NHS App lets you book GP appointments, order repeat prescriptions and access a range of other healthcare services.
Inception Workshop
Understand policy objectives; identify issues
Follow-up workshop
Refine system map; propose mitigations and alternative options
Recommendations for mitigating air quality impacts associated with the ‘NHS App’

Nigel Gilbert, Suzanne Bartington, Ian Hamilton, Sarah Moller, Kirstie Hatcher, Emma Pearce and Valentine Seymour.


Executive summary

Key messages and recommendations

- Air pollution has considerable impacts on the UK economy, environment and human health.
- It is increasingly important that we take a systems-based approach across governments to identify the air pollution costs and benefits of policy.
- The ANTICIPATE project has created an interdisciplinary network, providing opportunities for the co-design of future research and advice needed to support the ‘NHS App’ as part of the NHS Long Term Plan transformative vision to deliver better healthcare.
- The ANTICIPATE Project has explored the consequences of the ‘NHS App’ with regards to air quality.
- It recommends a number of interventions to avoid or mitigate these consequences:
  - Include patient advice about the health impacts associated with indoor and outdoor air pollution in the NHS App.
  - Identify and assess the capacity to scale up on-demand patient transport booking services, especially those using greener forms of transport.
  - Assess the functionality, accuracy and usefulness of health supporting apps that could be included in the NHS Apps library.
  - Develop and include in the app a repository of volunteering opportunities, supporting groups and other means of social prescribing to encourage social connection beyond the home.
  - Use the app to increase the availability of telephone, video and eConsultations, particularly in care homes, to reduce the need for home visits or patients needing to travel to their local healthcare services.
  - Identify and assess the capacity for scaling up fulfillment services for delivering prescriptions (e.g. use of the Royal Mail or courier services).
  - Examine whether the app can provide users with advice about the health impacts associated with indoor and outdoor air pollution.
And then came
Participatory System Mapper

Supply Chain and Logistics System

Legend:
- Externality factors
- Policy factors
- Value factors
- Negative influence
- Reciprocal influence
- Positive influence

Read "supplychainandlogisticsystem.prm"
Recommendations for online workshops

• Long term and deep relationships needed
  • Work with stakeholder groups where you already have contacts or where they have come to you

• Motivate participants with a clear offer

• Ensure that participants come with the right expectations

• Work in small groups (5 – 7)

• Run a sequence of two or three workshops
https://www.anticipate.ac.uk/

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