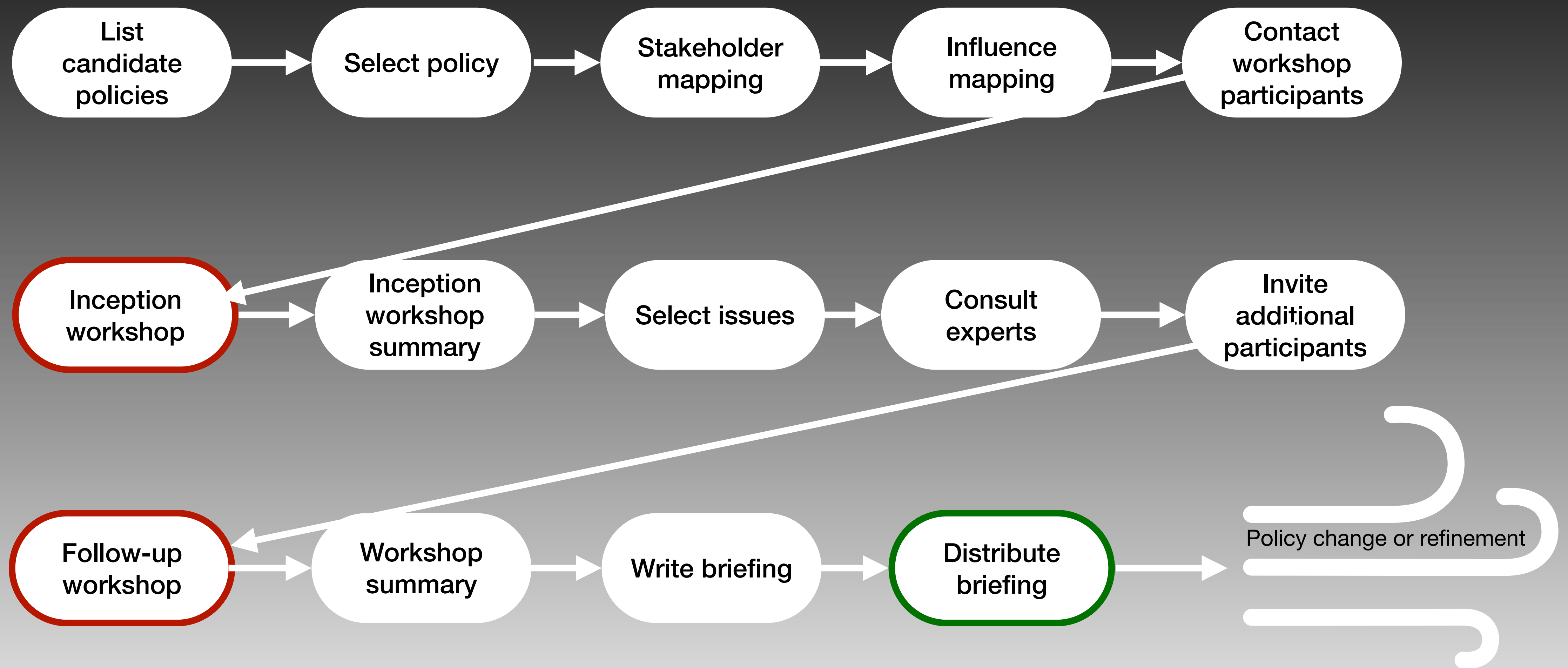# Actively anticipating the unintended consequences on air quality of future public policies

Nigel Gilbert
and the ANTICIPATE team

ANTICIPATE

Social Research and Air Quality: STFC, Social Sciences and SAQN
January 2021

NERC SCIENCE OF THE ENVIRONMENT

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


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


Follow-up        →      Workshop      →  Write briefing →  Distribute    →  Policy change or refinement
workshop                summary                            briefing
```

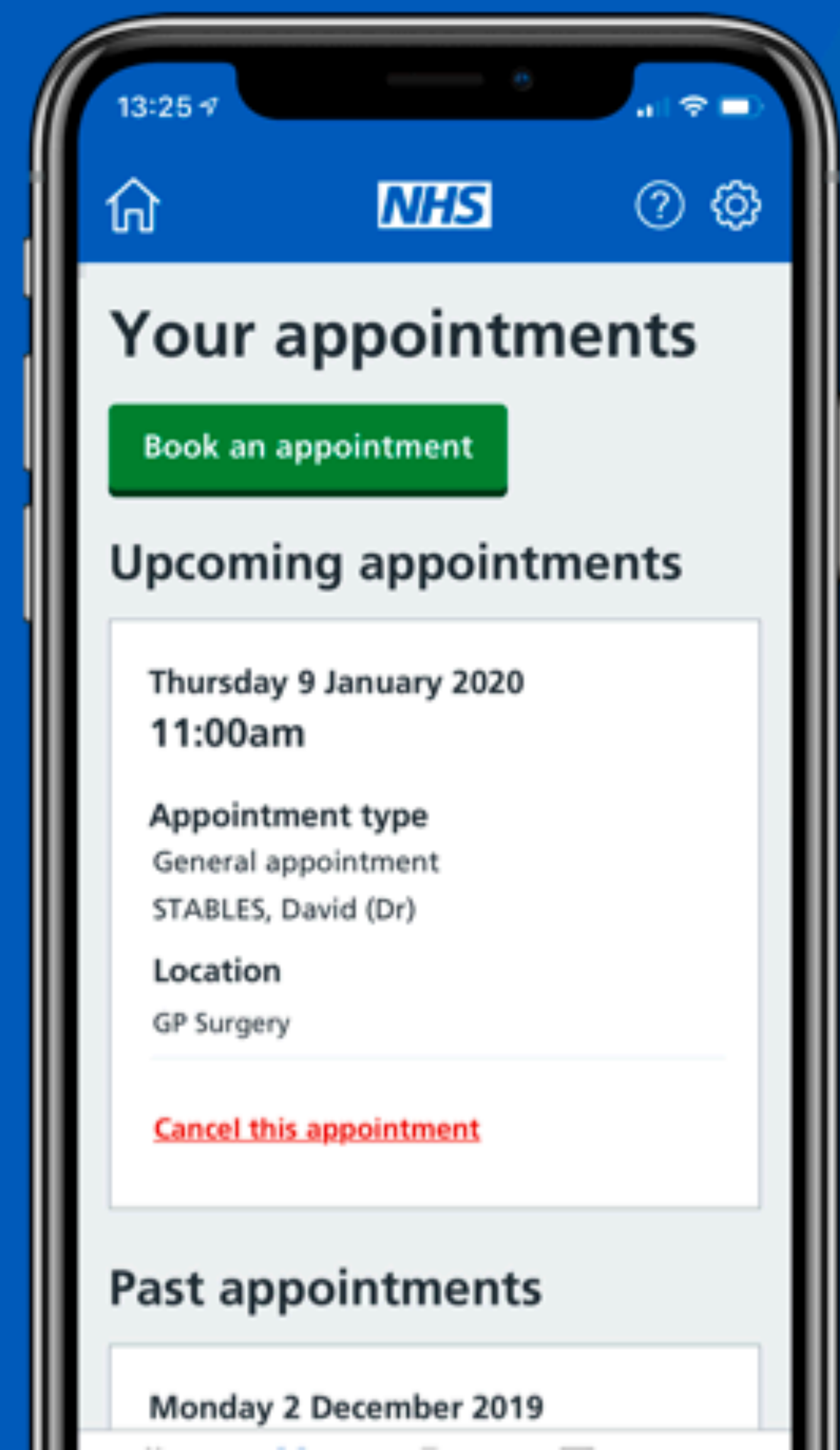# NHS App

Being tested in the NHS

Category: NHS services

Free

The NHS App lets you book GP appointments, order repeat prescriptions and access a range of other healthcare services.

Download on the App Store

GET IT ON Google Play

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

13:25

NHS

Your appointments

Book an appointment

Upcoming appointments

Thursday 9 January 2020
11:00am

Appointment type
General appointment
STABLES, David (Dr)

Location
GP Surgery

Cancel this appointment

Past appointments

Monday 2 December 2019

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[1], Suzanne Bartington[2], Ian Hamilton[3], Sarah Moller[4], Kirstie Hatcher[1], Emma Pearce[5] and Valentine Seymour[1].

1. University of Surrey, 2. University of Birmingham, 3. UCL Energy Institute, 4. NCAS, University of York, and 5. University of Birmingham.

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 fulfilment 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.
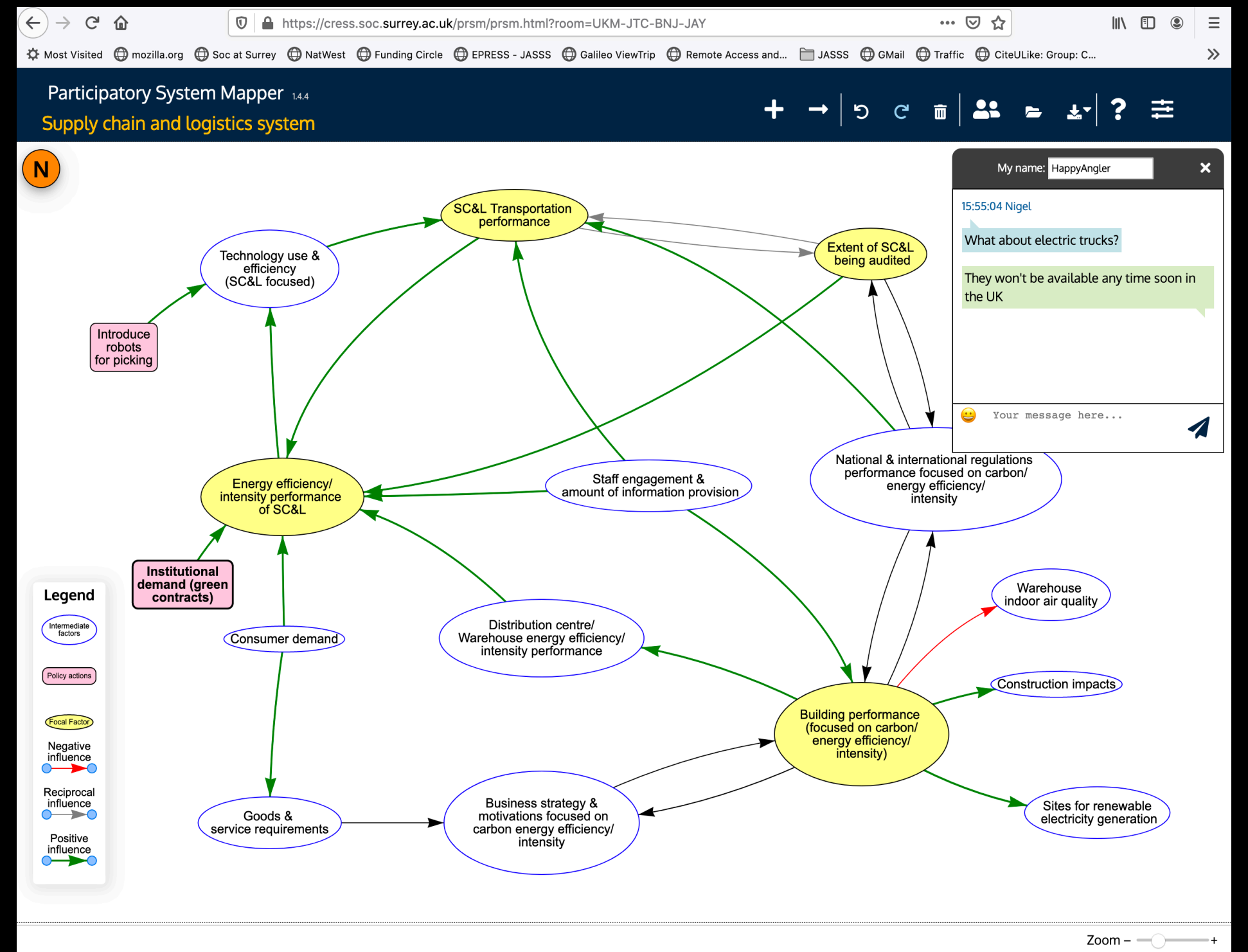
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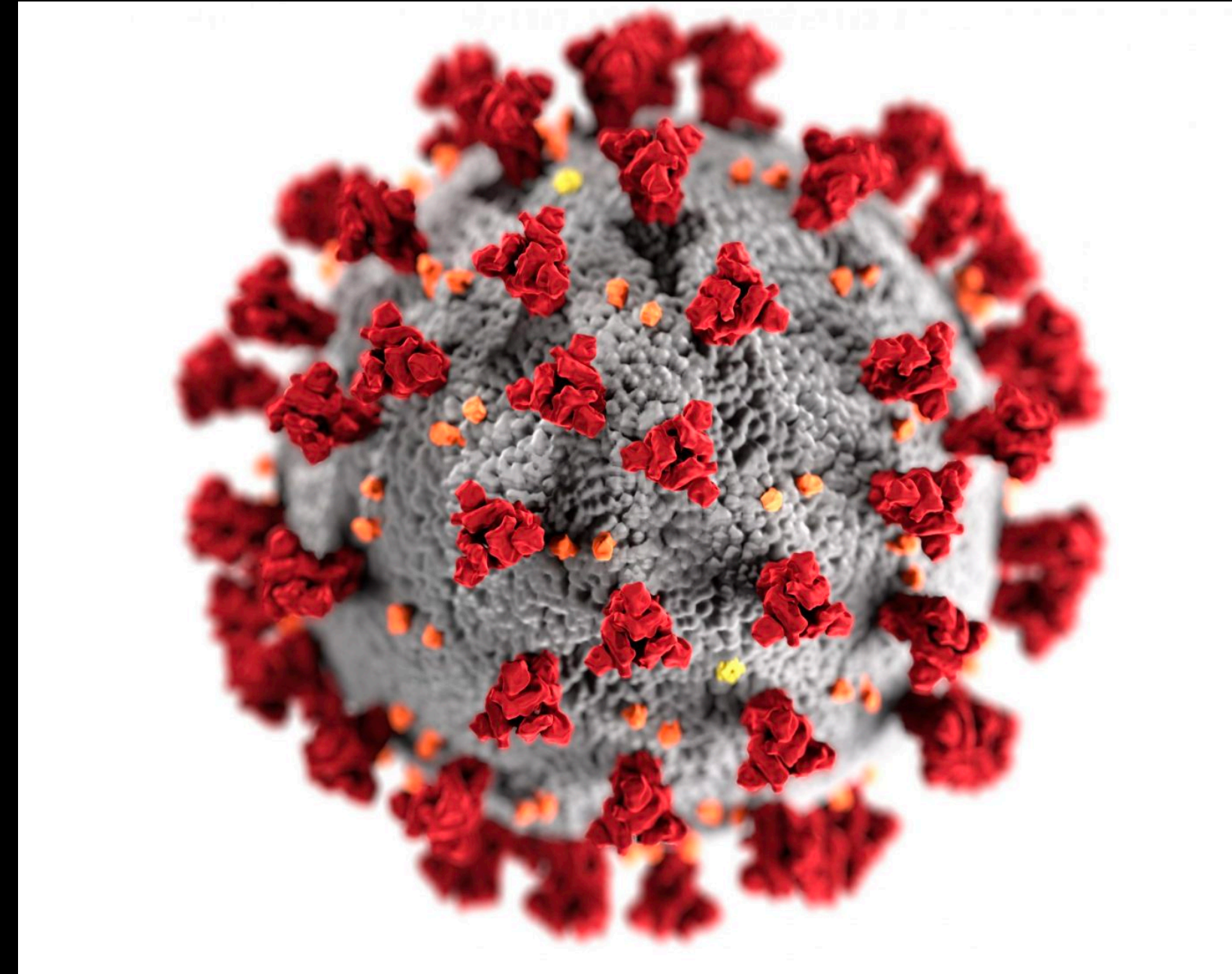
Participatory System Mapper
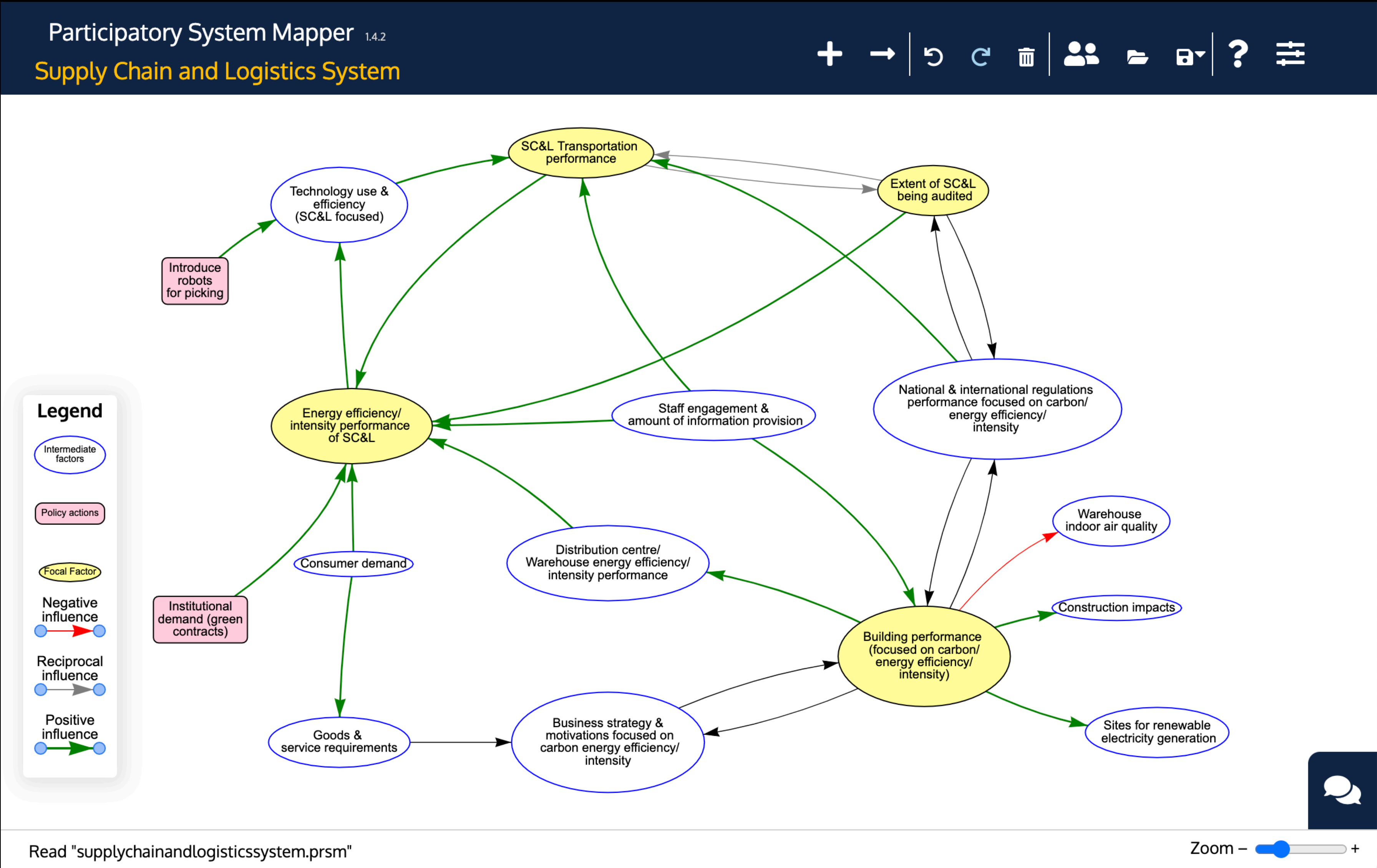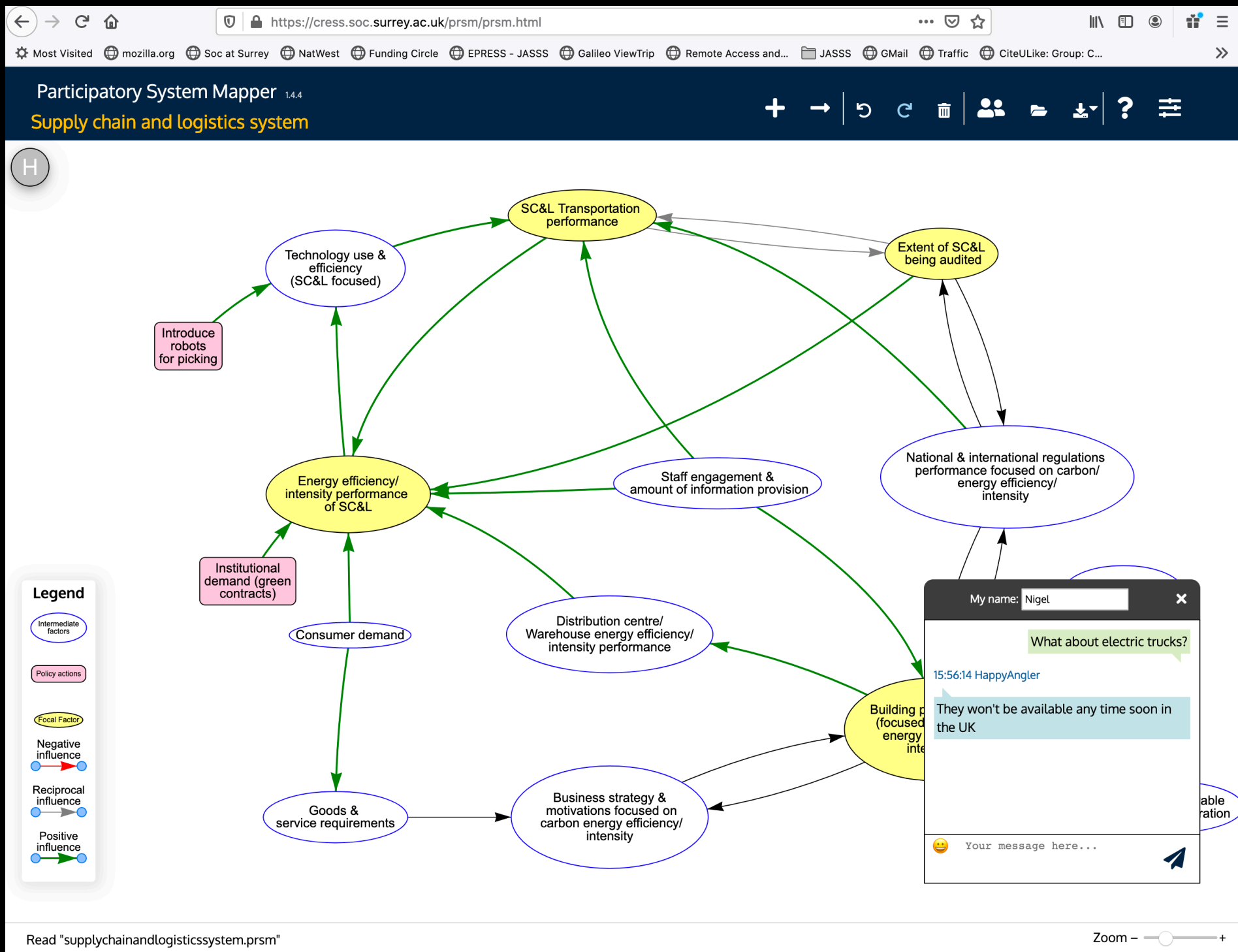
Nigel

Happy Angler

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/

air_ANTICIPATE

anticipateproject

Professor Nigel Gilbert (University of Surrey)
Dr Suzanne Bartington (University of Birmingham)
Dr Ian Hamilton (UCL Energy Institute)
Dr Sarah Moller (NCAS, University of York)
Dr Alex Penn (University of Surrey)
Project Manager: Kirstie Hatcher (University of Surrey)