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# UK Data Ecosystem & Strategy

Andrew Stott

*formerly* UK CIO & Director, *data.gov.uk*

Senior Consultant, World Bank

Moldova

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andrigeng  
andrew.stott@dirdigeng.com



# **UK Data Strategy: Objectives & Opportunities**

Boost national productivity

# UK Data Strategy:

## Foundations

Data management, standards, quality, security

## Skills

formal/vocation education rises to the

## Availability

Discoverability, availability, access, sharing, portability

## Responsible Use

Compliance, fairness, transparency, trust

## Also an Ecosystem of small, focussed, bodies

Open Data Institute

Ada Lovelace Institute

Alan Turing Institute

Geospatial Commission

Centre for Data Ethics and Innovation

(Health) Data Lab/Bennett Institute

NESTA Data Analytics group

TechUK

Local Government Association Data Group

# Three highlights (and lowlights)

Data Ethics

Data Standards in Municipalities

# Data Ethics

*Winston Churchill*

## Emerging UK Data Ethics Framework

Transparency about data usage, benefits, risks and processes

Accountability through effective governance and oversight, and involving diverse expertise

Fairness through ensuring just and non-discriminatory outcomes

Restraint through recognising and respecting the quality and limitations of the data

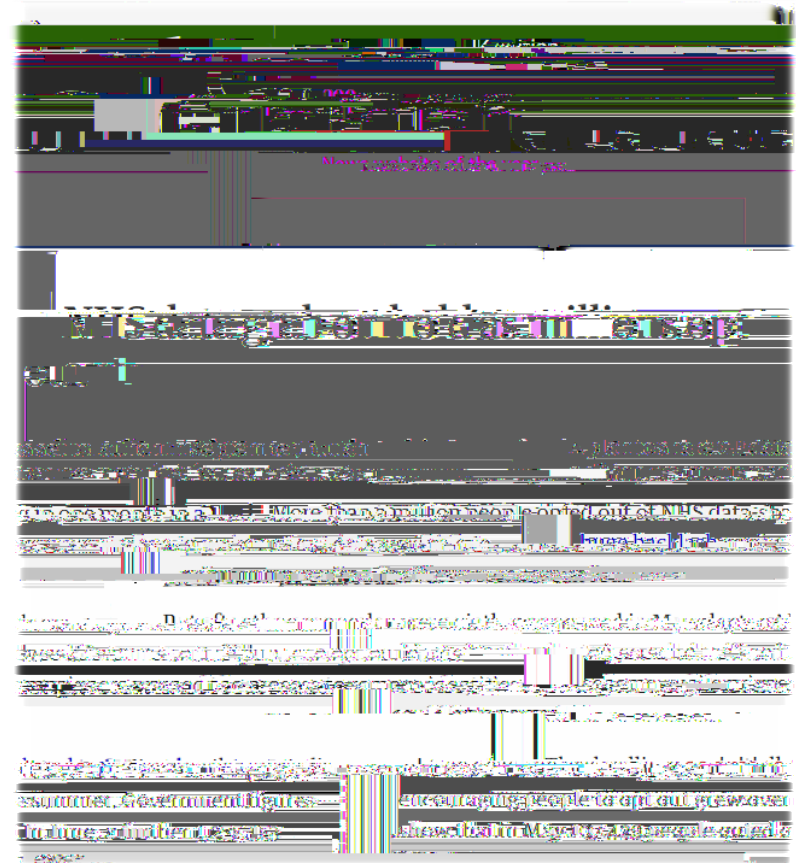
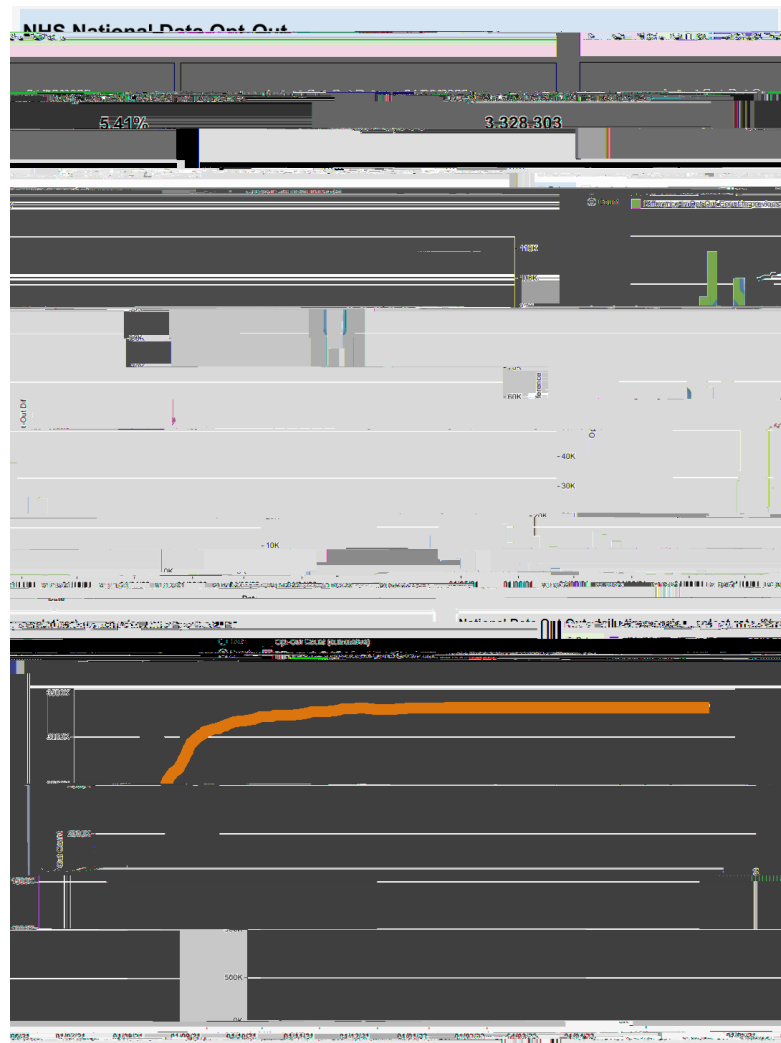
Wide consultation about novel data usage

# Standards need to be owned & accepted

## Municipal data standards in the UK

The screenshot displays the LG Inform website interface. At the top, there are navigation links for 'Home', 'Our support', and 'Guidance and resources'. A search bar is visible with the text 'Organisation name' and a dropdown menu showing '1' options. Below the search bar, there is a section titled 'Online support tools and services to encourage wider data publication and sharing.' This section includes a form with fields for 'Applicable date' (set to 0.1) and 'Optional' checkboxes. A text box contains the following information: 'The LGA is a key advocate of open data, publishing and local government transparency. For...'. Below this, there is a section for 'Data standards' with a list of standards and their descriptions. At the bottom, there is a section titled 'National local data standards currently in development' and a validation tool. The validation tool has a text input for 'Pick the fields that you wish to validate against below, then validate your file!', a 'CSV dataset URL' field, and an 'Upload file' button. There are also checkboxes for 'Check column order' and 'Show detailed results'.

# Getting it wrong: UK National Health Service data opt-outs





# Getting it wrong: UK National Health Service data opt-outs

## Learning Points

Need transparency and wide consultation

Come clean about what is already done

Fair share of benefits for each stakeholder

Prefer privacy-protecting technologies

Good communications with public and all stakeholders

