

The Scottish Data Linkage Landscape – Health and Homelessness & next steps for SG

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Homelessness Statistics User Event

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Outline

Data Linkage
to date

Scottish
Context

Limitations
of H&H
project

New
investment -
ADR

Next steps

Data linkage to date

Data linkage involves bringing together 2 or more data sets for analysis

Often administrative data (data routinely collected for operational purposes)

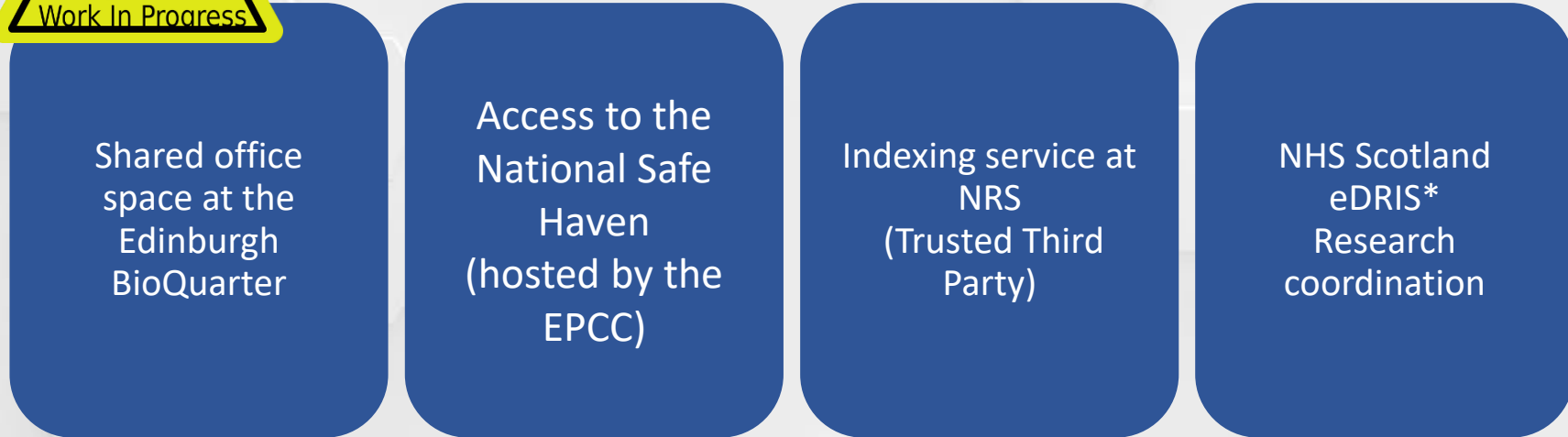
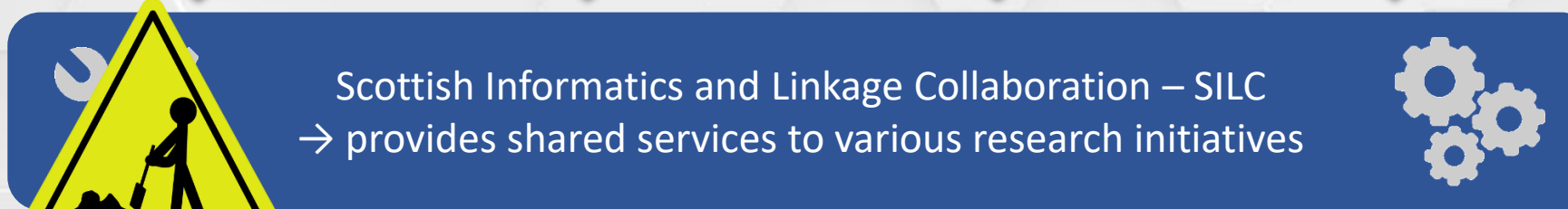
Personal level data – requires careful management and adhering to data protection principles

Adhering to '5 Safes' framework – safe **people**, safe **projects**, safe **settings**, safe **data**, safe **outputs**

Data Linkage Framework in Scotland



Researchers interface via *electronic Data Research & Innovation Service (eDRIS)



Health and Homelessness Project – limitations of reuse



Health and Homelessness in
Scotland



PEOPLE, COMMUNITIES AND PLACES



1) Explicit permission
required from all 32
local authorities

2) Cohort creation was
based on age, gender
and SIMD – Scotland
wide, no local control
comparison possible

3) Data up to 2016
– is now slightly
out of date

Dr. Andrew Waugh (SG)

- Published June 2018

- <http://www.gov.scot/Publications/2018/06/7974>

Data Linkage – new developments

ADR UK - investment by ESRC/BEIS - £44 million UK wide – Scottish Government working in partnership with delivery partners under the banner of **ADR Scotland**

Moving towards “**research ready**” data sets, built around thematic **Strategic Impact Programmes (SIPs)**

Redesigning **Information Governance** covering all use of public sector datasets for data linkage for public benefit research

Working with ONS to deliver statistics under the **Digital Economy Act 2017** – Statistics Powers, Research Powers

Strategic Impact Programmes

Broad themes -

- World of Word – UK Level – Prof Nick Bailey, Glasgow
- Poverty and Fair Work – Prof Nick Bailey, Glasgow
- Safer Communities – Prof Susan McVie, Edinburgh
- Realising our potential – Dr Iain Atherton, Napier
- Healthy and active – Care – Dr Iain Atherton, Napier
- Healthy and active – Life Course – Prof Chris Dibben, Edinburgh
- Children’s outcomes – Fiona Mitchell, Strathclyde, Prof Morag Treanor, Heriot-Watt

SG leading on **data acquisition** for the SIPs
– working in collaboration with academics, policy leads and SG analysts

What does this mean in practice?

Easier access to data -

- ❑ We are working towards hosted copies of data sets, which have been quality assured, have appropriate meta data and a clear route for access
- ❑ A model of re-use which facilitates multiple research projects accessing the same data
- ❑ Better knowledge and understanding of what data is available, who owns the data, etc. Data catalogue in development

Success to date –

- ❑ Early adopters of the new model – SG Education data and Ministry of Defence signed up
- ❑ New infrastructure being tested – EPCC, NRS and eDRIS teams involved in ‘Proof of Concept’ work

The ADR
Investment runs
until March 2021,
with an ESRC
gateway review
taking place in
February 2020.


Next steps

Establishing Technical infrastructure – aim to have first data sets available by February 2020.

Data Acquisition – working through requests and engaging with various data controllers – LAs on the list for the homelessness data – new staff being appointed.

Feeding into wider programme of work –

- Working on a route for wider access and reuse
- Informing developments of National Information Governance Review and Research Data Scotland



Current aim of
Summer 2020 for
Homelessness data
to be available for
reuse

Any Questions?



Come speak to us!
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