

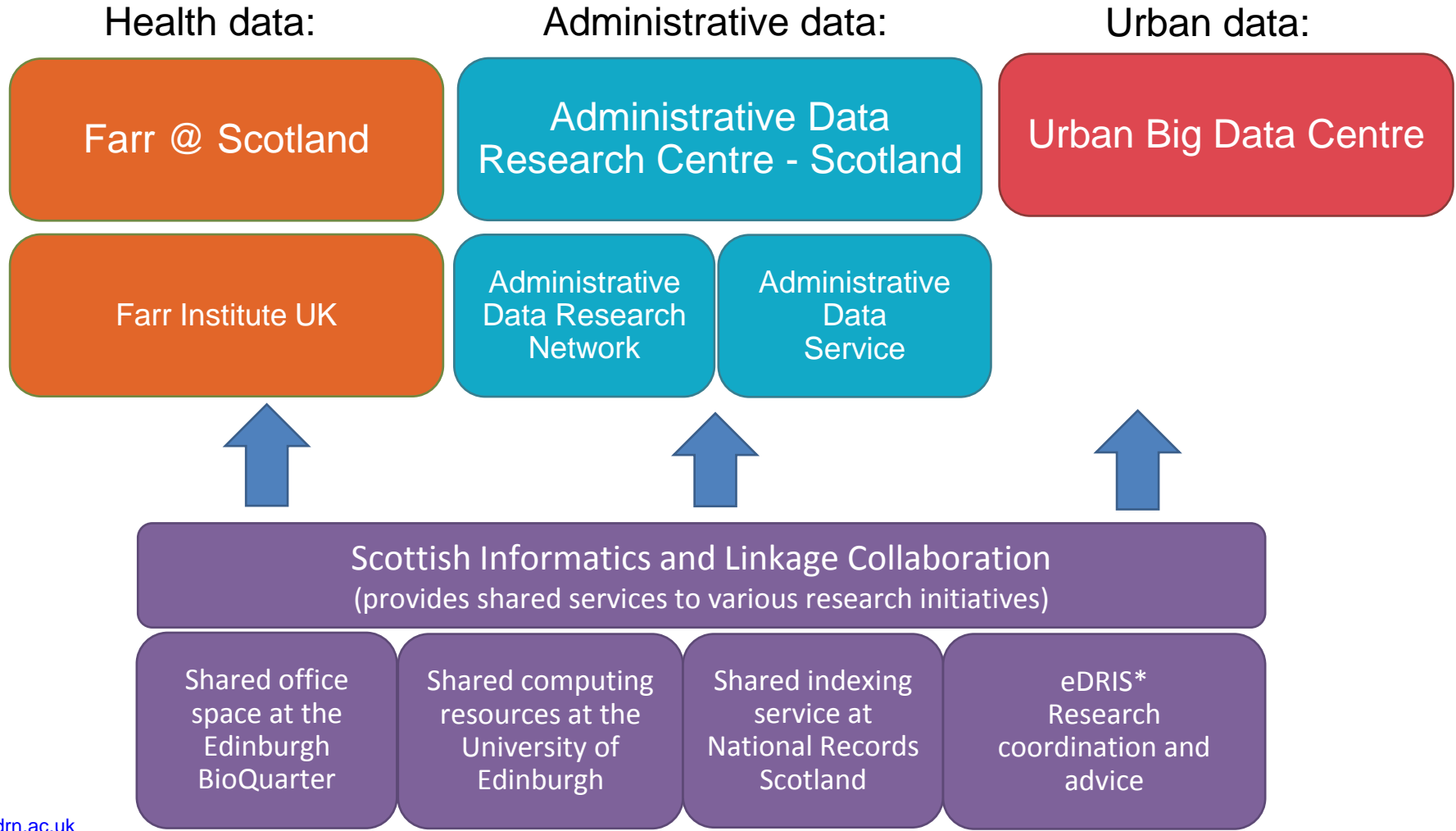


ADRC-Scotland Data linkage and research using administrative data

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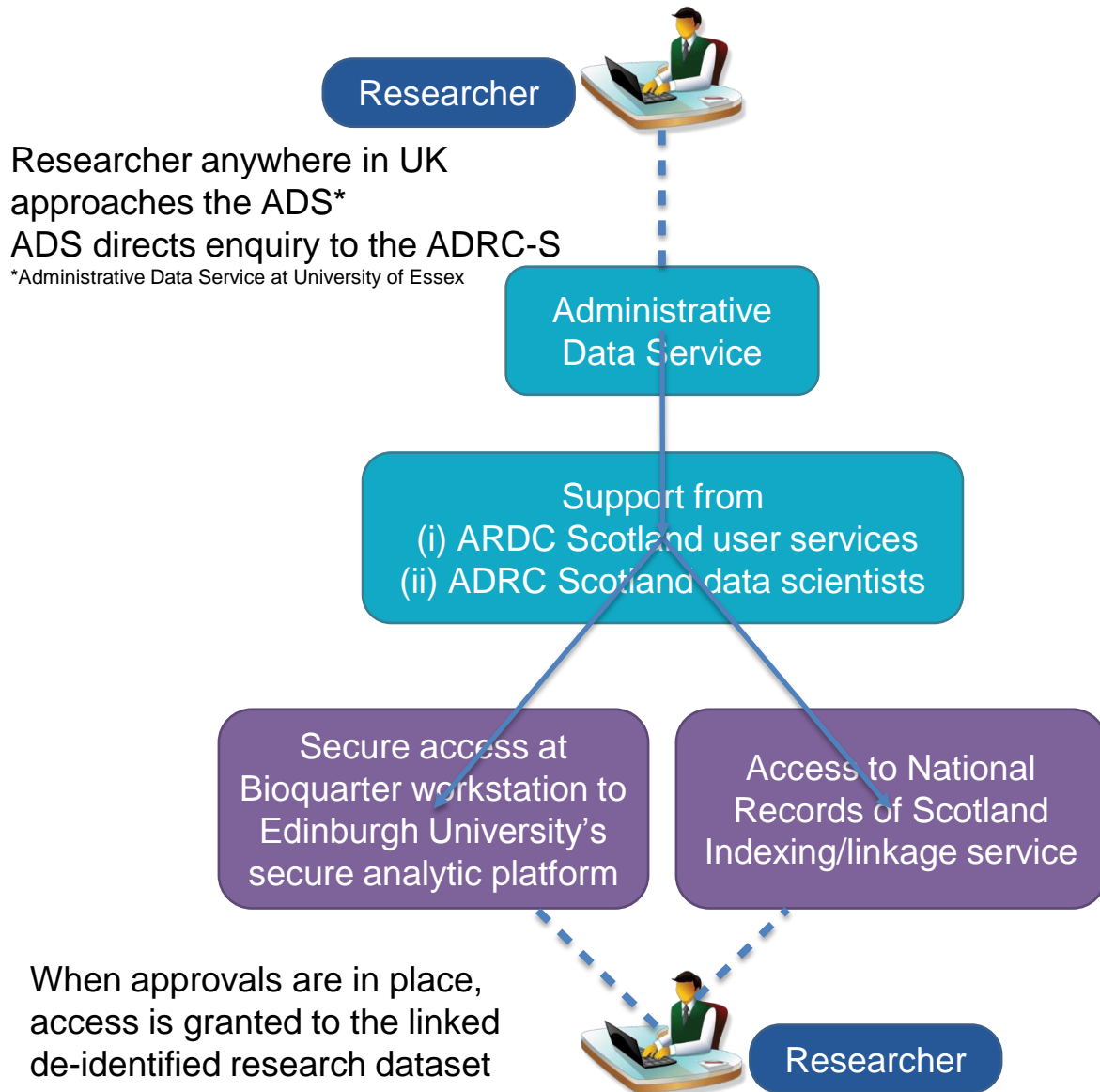


ADRC Scotland and the Linked Data Landscape





ADRC Scotland and the Researcher Journey



ADRC Scotland supports the researcher with advice and facilitates the projects:

- (I) We liaise with Data Controllers and Indexing Service on behalf of the researcher
- (II) We assist the researcher through the ADRN application process
- (III) We identify the required approvals to be satisfied by the researcher
- (IV) We guide throughout the research project's life-cycle

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“FIVE SAFES”

1. **Project** – valid purpose
2. **People** – trusted researchers
3. **Setting** – technical controls on access
4. **Outputs** – disclosure control pre-release
5. **Data** – de-identified, minimum necessary



1. Project

- ADRN approvals
 - Ethics
 - Feasibility
 - PIA
- Data permissions
 - Negotiation & process



2. People

- SURE training
 - UK consortium (UKDS, ONS, HMRC, ADRN)
 - Face-to-face, limited duration
 - Accredited trainers
- Institutional guarantor
 - Takes on liability under breaches policy



3. Setting

- Accredited safe haven
 - Farr Institute Edinburgh
 - Remote safe haven access
 - Safe pods
- Cyber security standards
- Regular audit



4. Outputs

- Data access in safe haven
- No output removed without permission
- Governed by researcher agreement
- Statistical disclosure control pre-release
- All researchers trained prior to access



5. Data

- Separation of functions
- De-identified research dataset
- Minimum data provided
- Derived variables to reduce sensitivity
- Metadata is very important



Examples of ADRC-S projects

- LAC placement stability
- Socioeconomic effects on travel to work
- Informal care at the end of life
- Impact of selective schooling on adult health



Data sources

- Health (NHS NSS)
- Education (ScotXed/ LAs)
- Census (NRS)
- Social care (SG/ LAs)
- DWP Research databases (eg ACONF)