

# Facilitating access to Administrative and Big Data in the UK

The Administrative Data Research Network and the Big  
Data Network

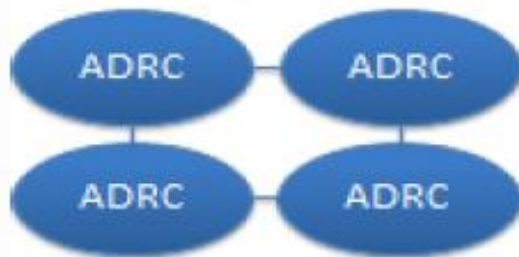
Dr. Kakia Chatsiou (ADRN) & Dr. Aidan Condrón (BDNS)jj6

# ESRC's Big Data Network

## ESRC Big Data Network

Governance Structures

UK Data Service and Administrative Data Service



*Administrative Data*

Phase 1



*Business and Local Government Data*

Phase 2



*Third Sector and Social Media Data*

Phase 3

# Better Knowledge Better Society

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## Introducing the Administrative Data Research Network

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Dr Kakia Chatsiou  
User Services, ADS



Administrative Data  
Research Network

An ESRC Data  
Investment

# The Administrative Data Research Network

Dec 2011-2012	Administrative Data Taskforce Report
Oct 2013	Funding awarded
Nov 2013 - Nov 2014	Network process and policy development
Nov 2014	open for applications
Sept 2015	14 projects approved, 22 in progress

- a UK-wide partnership between universities, government departments and agencies, national statistics authorities, the third sector, funders and researchers
- Facilitates access to linked de-identified administrative data for researchers



# Eligibility criteria

## Projects:

- ▶ non-commercial research purposes
- ▶ evident potential public benefit
- ▶ demonstrable value from using unit level administrative data to answer the research question
- ▶ not be more appropriately served by other existing services
- ▶ not normal operational functions undertaken by government departments or their agencies

## People:

- ▶ academic, govt researcher 3<sup>rd</sup> sector
- ▶ accredited/safe



# How It Works



Safely  
Lawfully  
Ethically  
Securely

# Challenges

- ▶ Development of procedures, new service – opened Nov 2014
- ▶ Data discovery
- ▶ Final decision on access rests with the data custodian
  - ▶ Dependent on legal gateway, resources and risk appetite of data custodian
- ▶ Time scales



# Get in touch

- ▶ Learn more about us and our work with admin data at RSS/ADRN joint event 08/10/2015, London:  
<https://adrn.ac.uk/news-events/latest-news/adrn-rssevent>
- ▶ Contact ADRN User Services: [help@adrn.ac.uk](mailto:help@adrn.ac.uk)
- ▶ Follow us: @adrn\_uk
- ▶ Sign up for our newsletter <http://adrn.ac.uk>





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# UK Data Service Big Data Network Support (BDNS)

Aidan Condon  
Collections Development and Producer Relations,  
Big Data Network Support  
UK Data Archive  
University of Essex

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UK Data Service

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ESRC Business and Local Government  
Data Research Centre



Urban  
Big  
Data  
Centre



Consumer  
Data  
Research  
Centre

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# BDN2 Goal

‘The overarching aim of the ESRC Big Data Network is to build infrastructure which enables researchers to exploit the richness of the big data landscape in the UK to advance research in the social sciences and economics and to enhance its societal impact’

DISAC 03/14, November 2014

UK Data Service



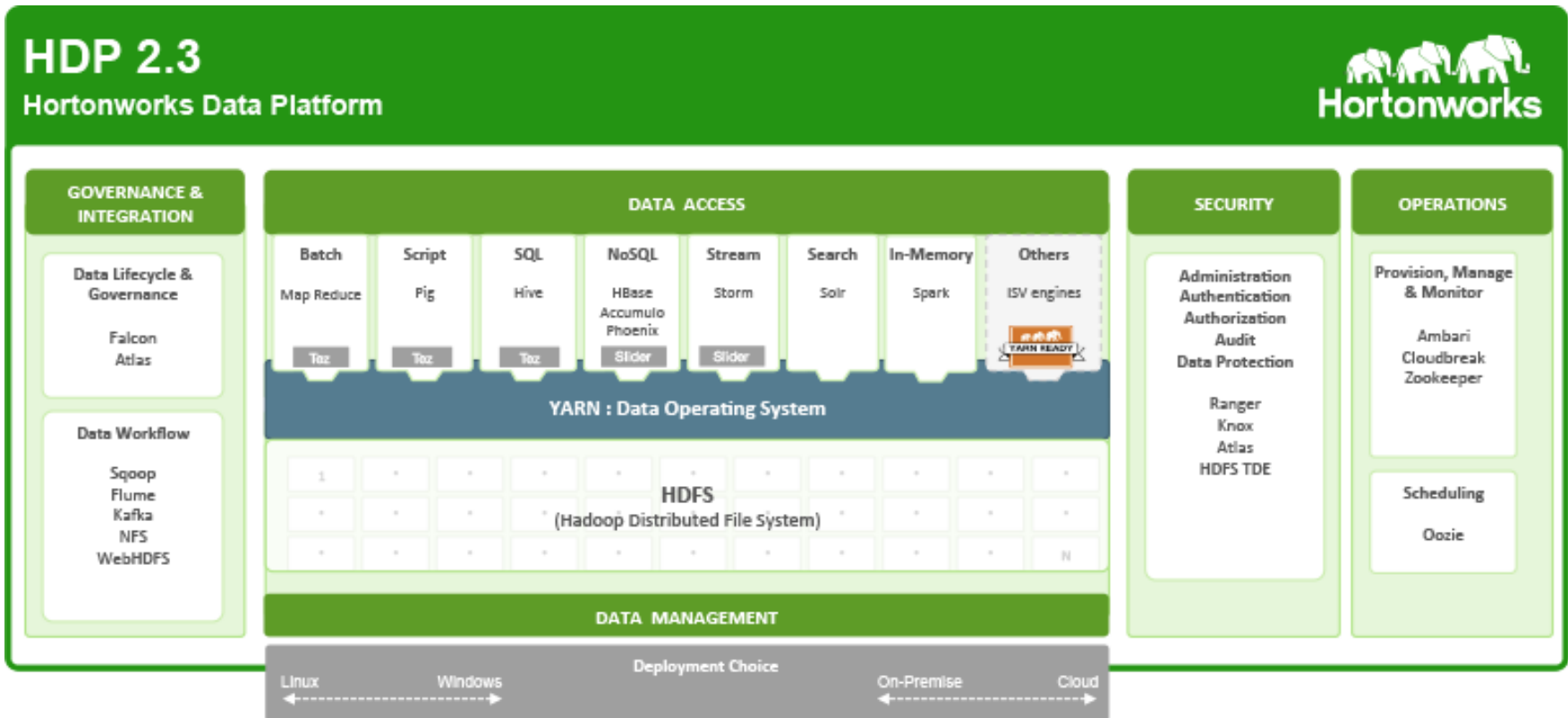
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# Process Harmonisation

Data storage,  
discovery and  
access, analysis  
and visualisation,  
user training



# Open Source Data Platform



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# Further Contact

- Data Curation and Technical  
Ben Newman-Wright – [bwrightp@essex.ac.uk](mailto:bwrightp@essex.ac.uk)  
01206 874254
- Training  
Sarah King-Hele – [sarah.king-hele@manchester.ac.uk](mailto:sarah.king-hele@manchester.ac.uk)  
0161 275 0279
- Engagement:  
Aidan Condron – [acondron@essex.ac.uk](mailto:acondron@essex.ac.uk)  
01206 874254

