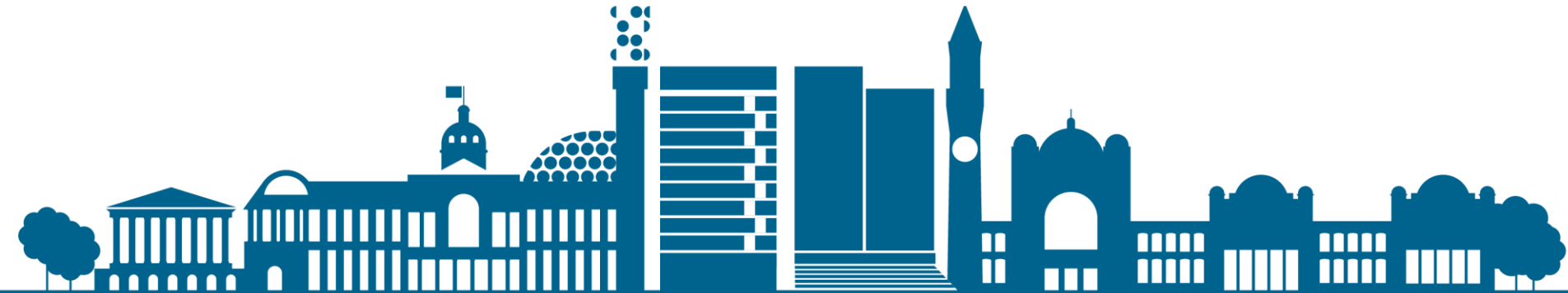




UNIVERSITY OF  
BIRMINGHAM

# Costing Digital Preservation of research data – University of Birmingham

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# Overview

- UoB's Open Data Programme
- Costing for Digital Preservation
  - Business case 1
  - Current data services usage
  - Current cost recovery
  - Business case 2



# UoB Open Data Programme

- Started in July 2016
- Membership from Planning Office, IT services, Library Services and Research Support Services
- Designed for 3 phases
- Several projects to cover all aspects of RDM



# UoB Open Data Programme

Project	Phase 1 Basic requirements July 2016 – July 2017	Phase 2 Implementing and embedding July 2017 – July 2018	Phase 3 July 2018 – July 2019
Institutional repository	Options appraisal	Setup	Transition to BAU
Storage	Options appraisal & Business case	Monitor storage on campus	Digital Preservation!
DMPOnline pilot	Pilot customisations		
Advocacy & Training	Initial Advocacy	Increased amount of training sessions	Integrated training Skills gap analysis
Policy	Rewrite institutional policy	Align policy and IR service	



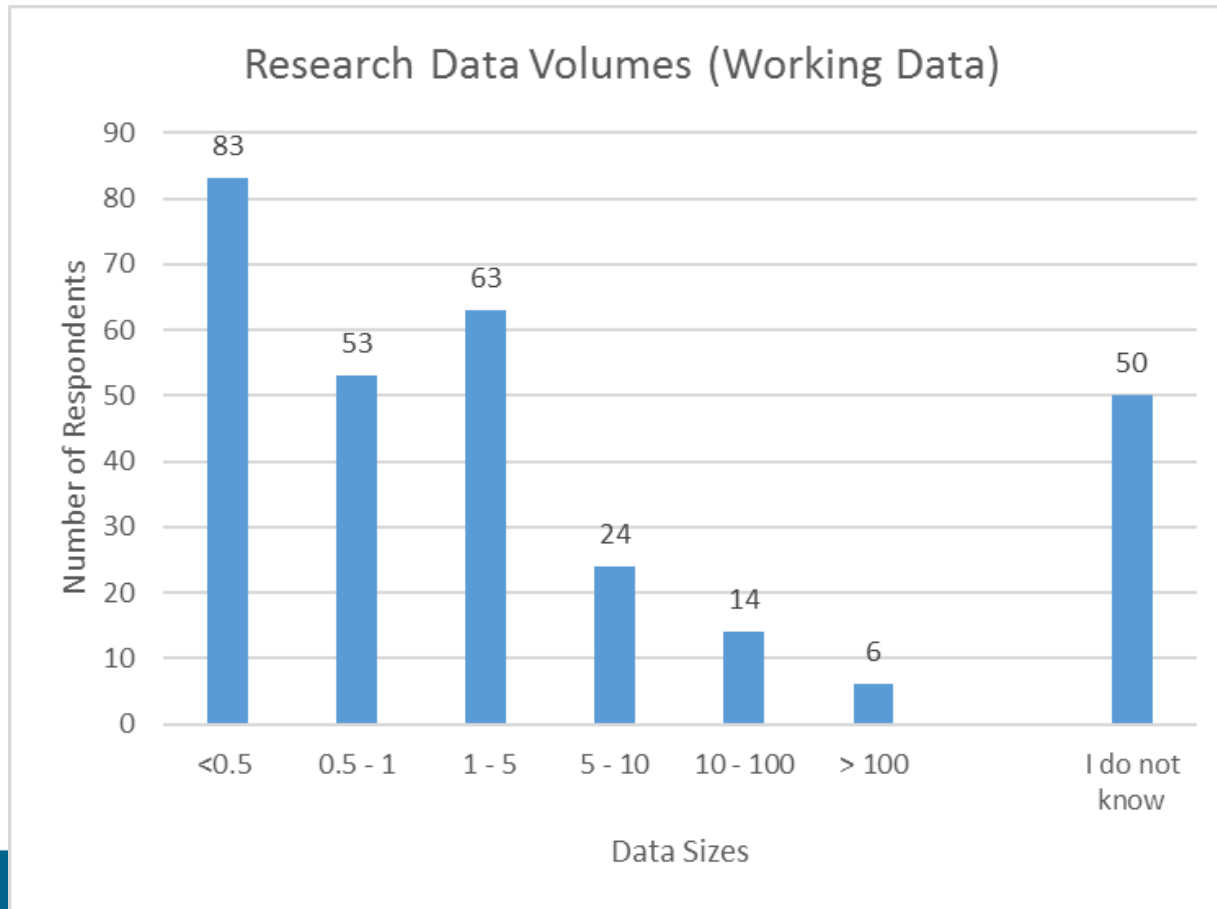
# Costing for Digital Preservation – business case 1

- January 2017
- Setting up a data repository integrated with storage from Arkivum, no preservation system
- Costed for storage: 100 TB pay as you go for 5 years to start with - **£181,200**
- Business case to university central budget



# How much data do we need to preserve?

## □ Survey by IT services (2017 data)

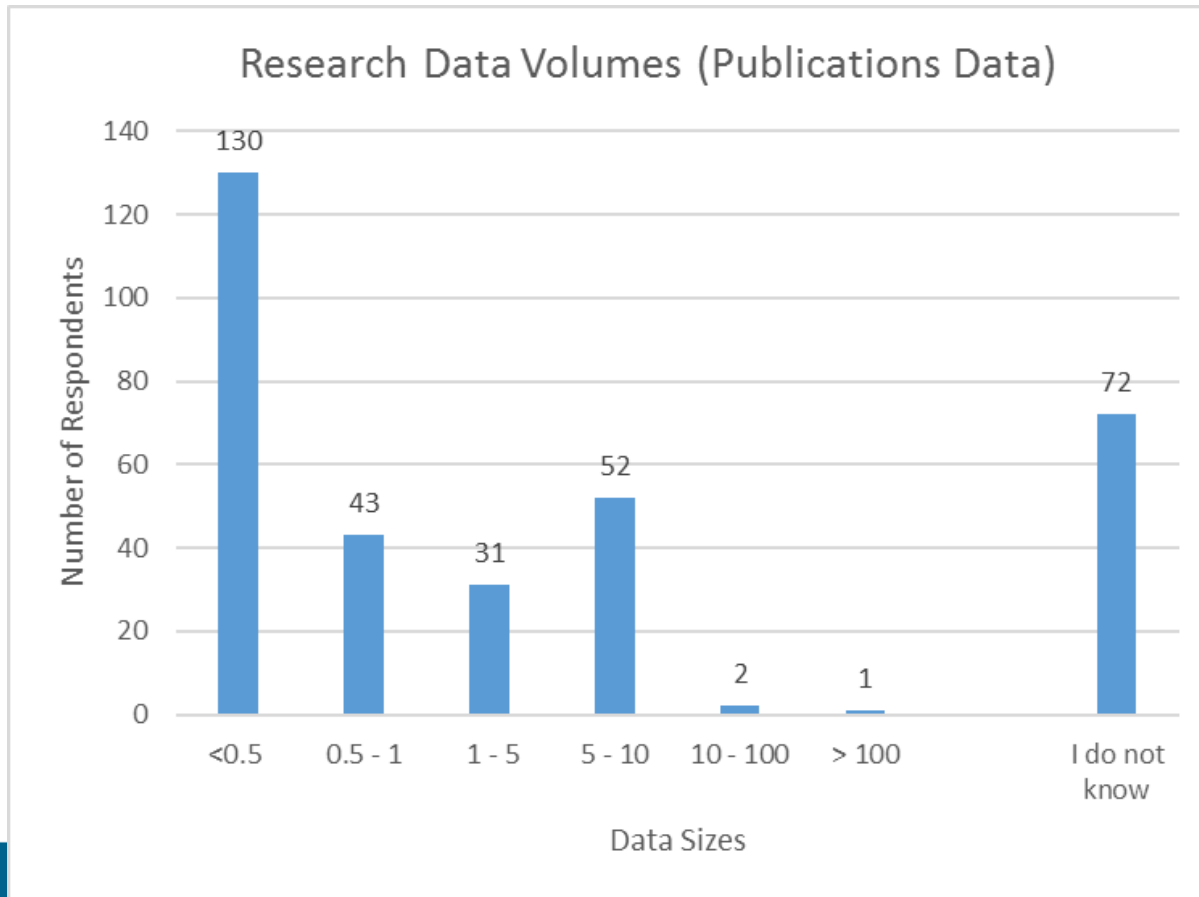


n = 293



# How much data do we need to preserve?

## □ Survey by IT services (2017 data)



n = 331



# Current eData repository usage

- Repository of last resort
- 151 records
- Currently using 0.133 TB of storage
- Mix of proprietary files (.mat) and open files





# Cost recovery

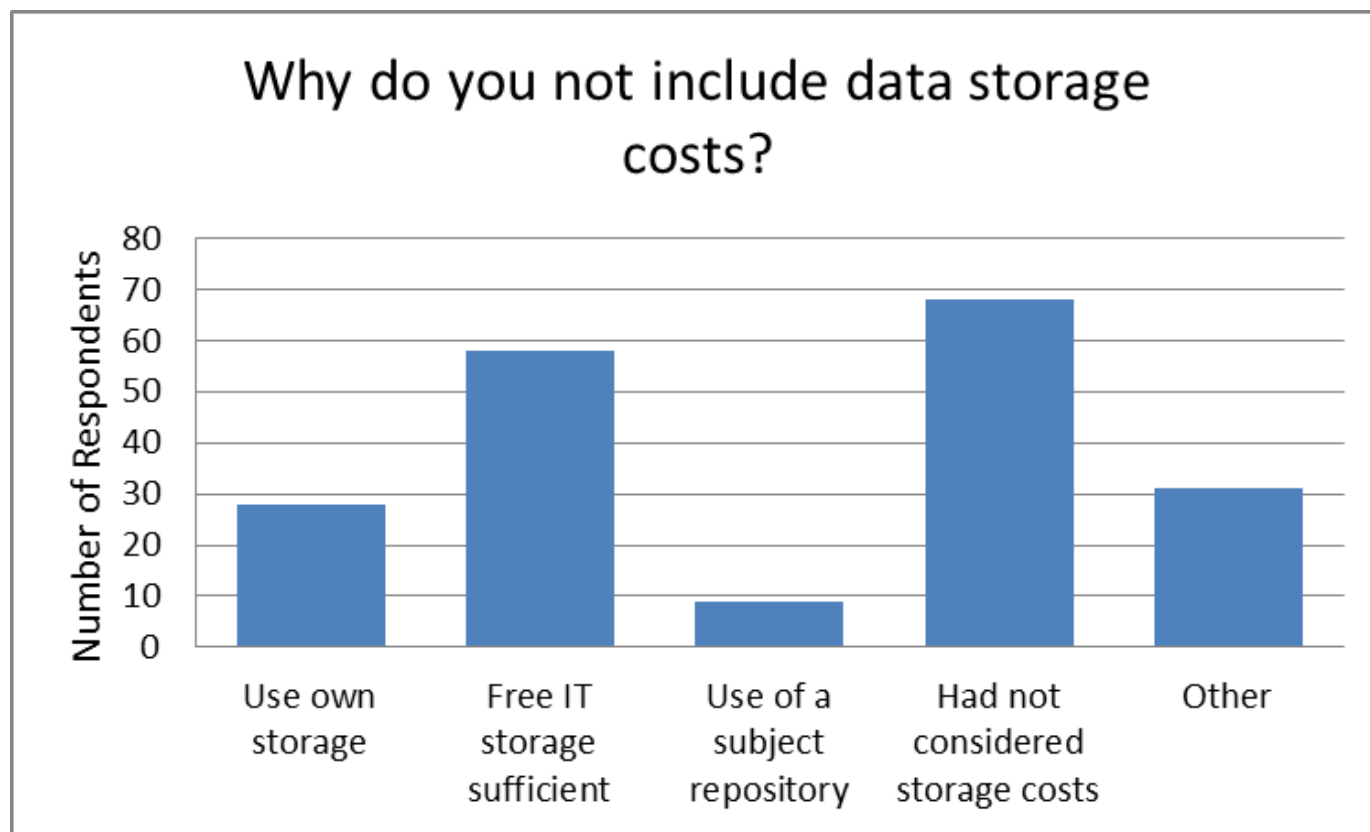
Tape Storage TBs	Price per TB for up to 10 Years with data held in two geographically separated data centres
0 - 20 TBs	This is funded by the University from the Indirect Costs associated with research grants.
> 20 TBs	£40 per TB.  (charged in full to the project as a consumable)

<https://intranet.birmingham.ac.uk/it/teams/infrastructure/research/bear/research-data-service/RDS/research-bids-guidance.aspx>



# Costs from grant applications?

□ IT survey 2019, n = 194



# Costing for Digital Preservation – preparation for business case 2

- Digital preservation working group in Library Services bringing together special collections and repository content
- Digital preservation policy
- Vendor presentations for preservation systems scheduled for June 2019
- Job description approved – waiting for funding to be able to recruit



# Costing for Digital Preservation – preparation for business case 2

- Business case for a system based on
  - 42 GB publications data and metadata
  - 11 GB other outputs
  - 75 GB theses
  - 133 GB research data
  - 2.2 TB special collections material



# Thank you!

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