



**AT THE  
HEART OF  
DRUG  
DISCOVERY**

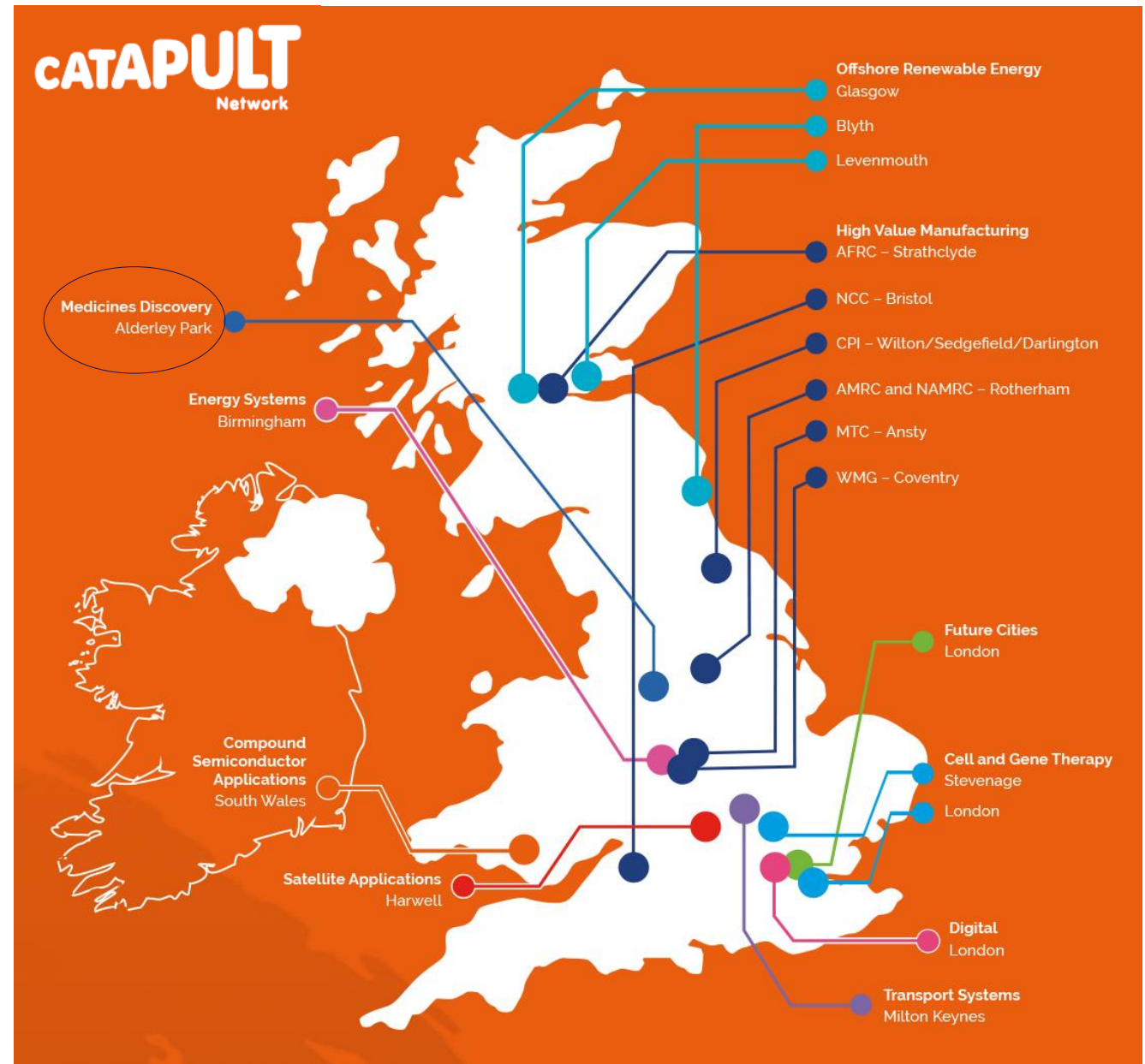
**Enabling UK companies  
to do research on UK  
samples**

**UK Biobanking  
presentation on the SME  
perspective**

# The Medicines Discovery Catapult

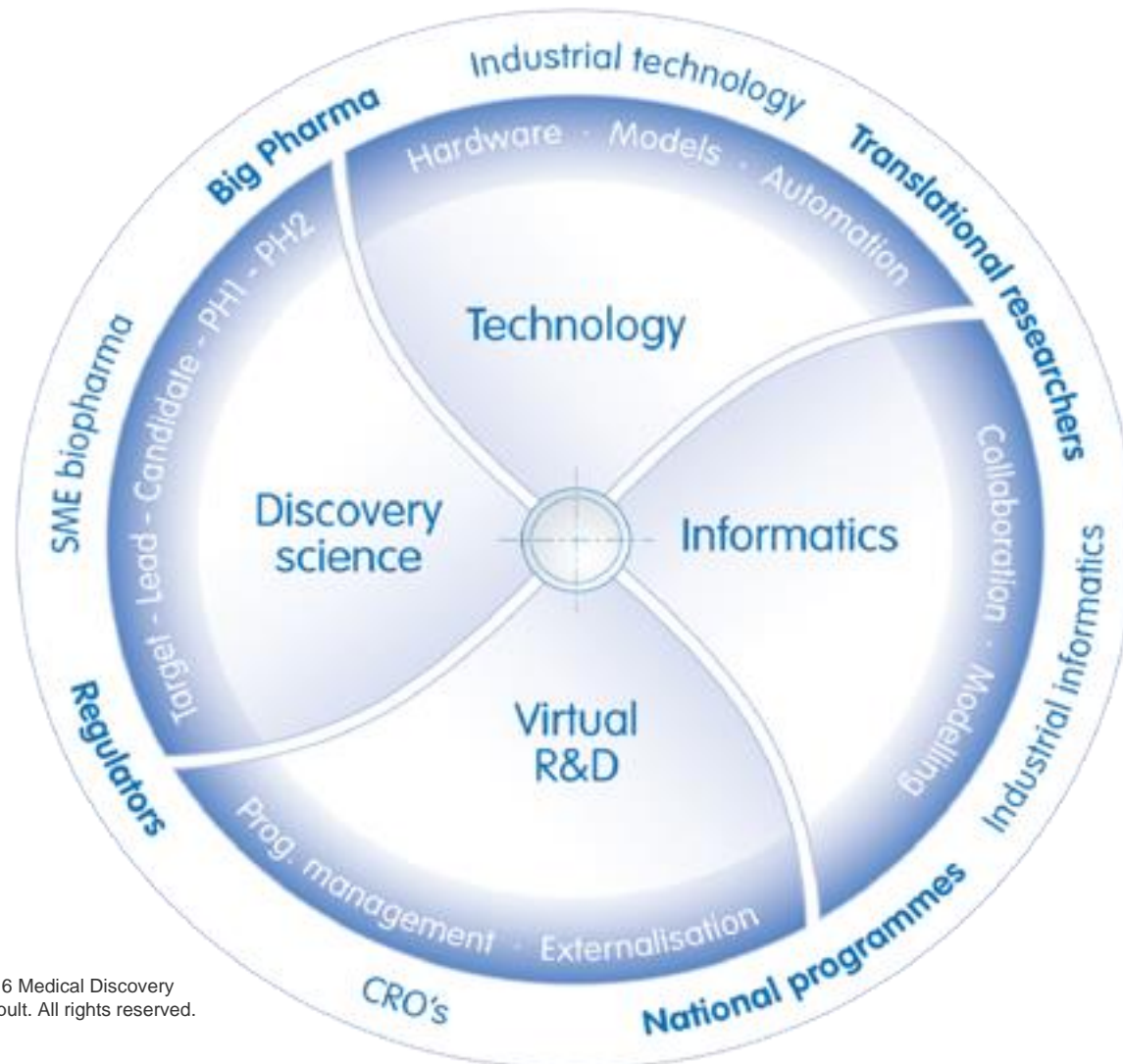
# What is a Catapult?

- UK Government through its Innovation agency Innovate UK has established Catapults
  - to promote success of key industries
- Newest is Medicines Discovery
- An opportunity to reinvigorate UK's drug discovery industry
  - Help drug discovery, and new technology, businesses to grow
  - Join up the sector - to do more, together
  - Expertise, facilities, partnership





# How we do it

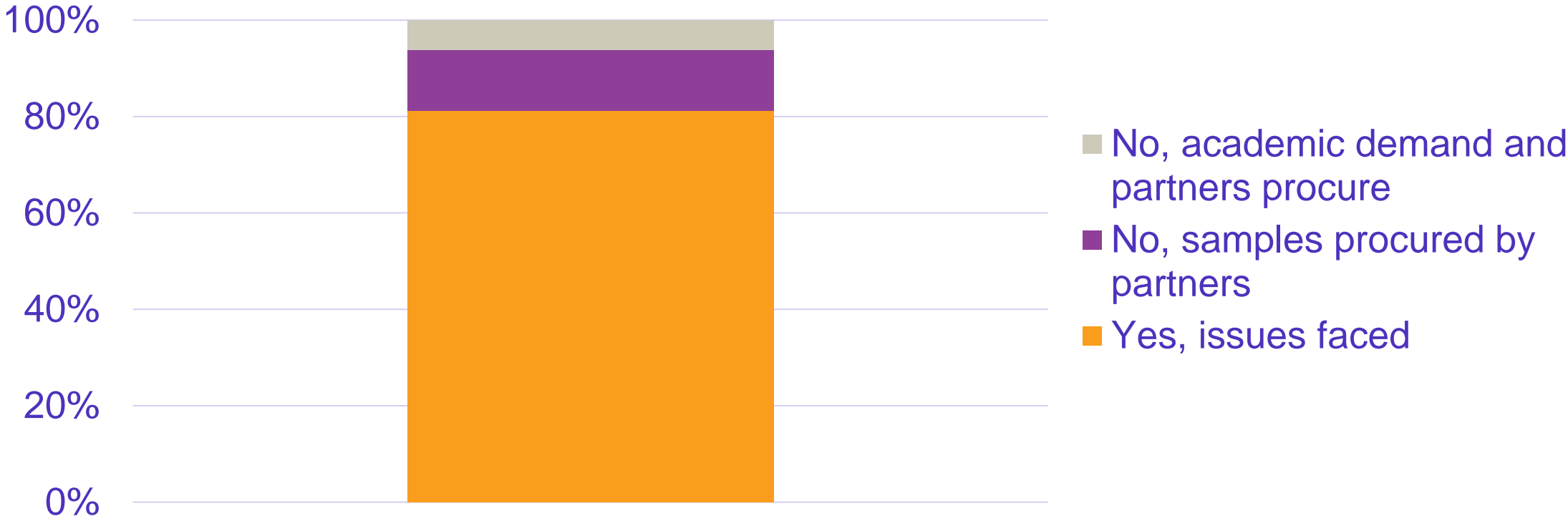


- Cell Biology
- Biomarker identification
- Diagnostics R&D
- Technologists
- Safety Scientists
- Bioanalytics
- Cheminformatics
- Bioinformatics
- *In silico* Intelligence
- Cloud infrastructures
- Workflow processing
- Software development
- Sample and Data access team
- Virtual R&D experts

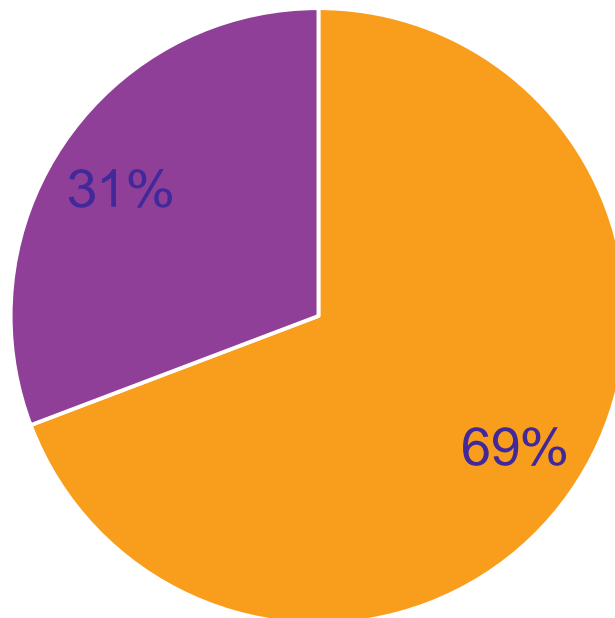
# UK Diagnostic interviews: results on samples access

# More than 80% of companies had an issue accessing samples

Did companies have issues accessing samples?



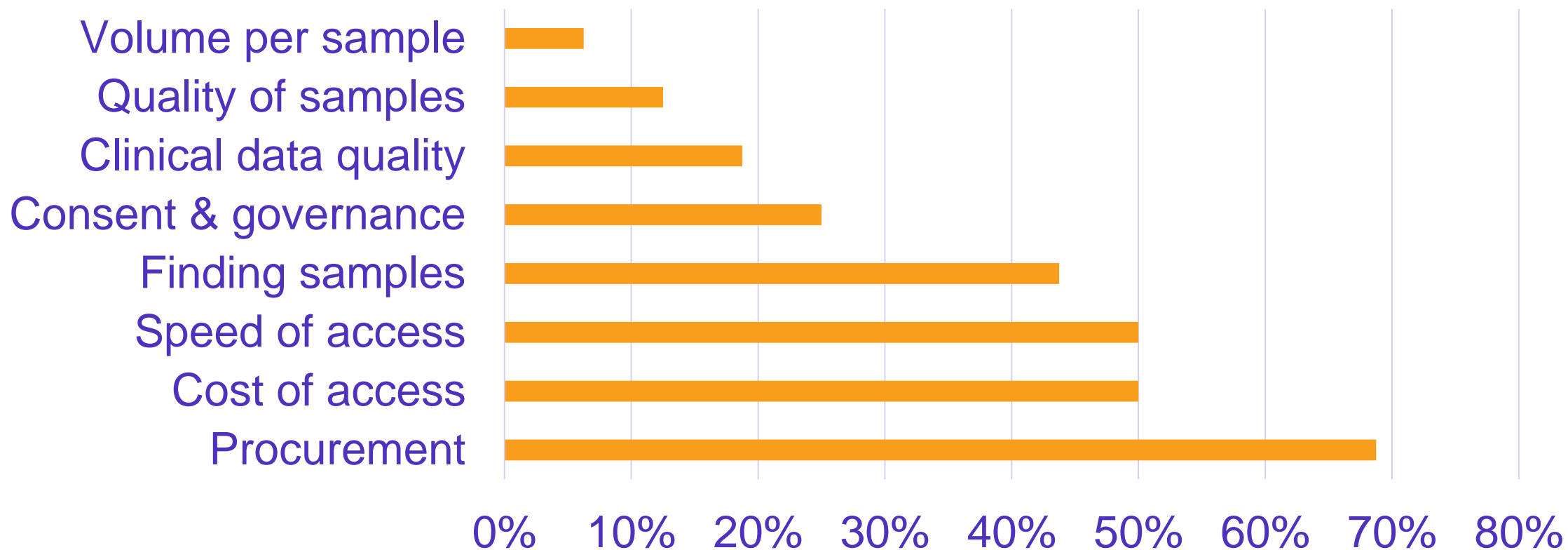
# The difficulty accessing UK samples means most companies buy in samples from abroad



■ Companies buying in non-UK samples   ■ Companies finding other solutions

# Procurement was the most common issue faced by respondents dealing with UK sample sources

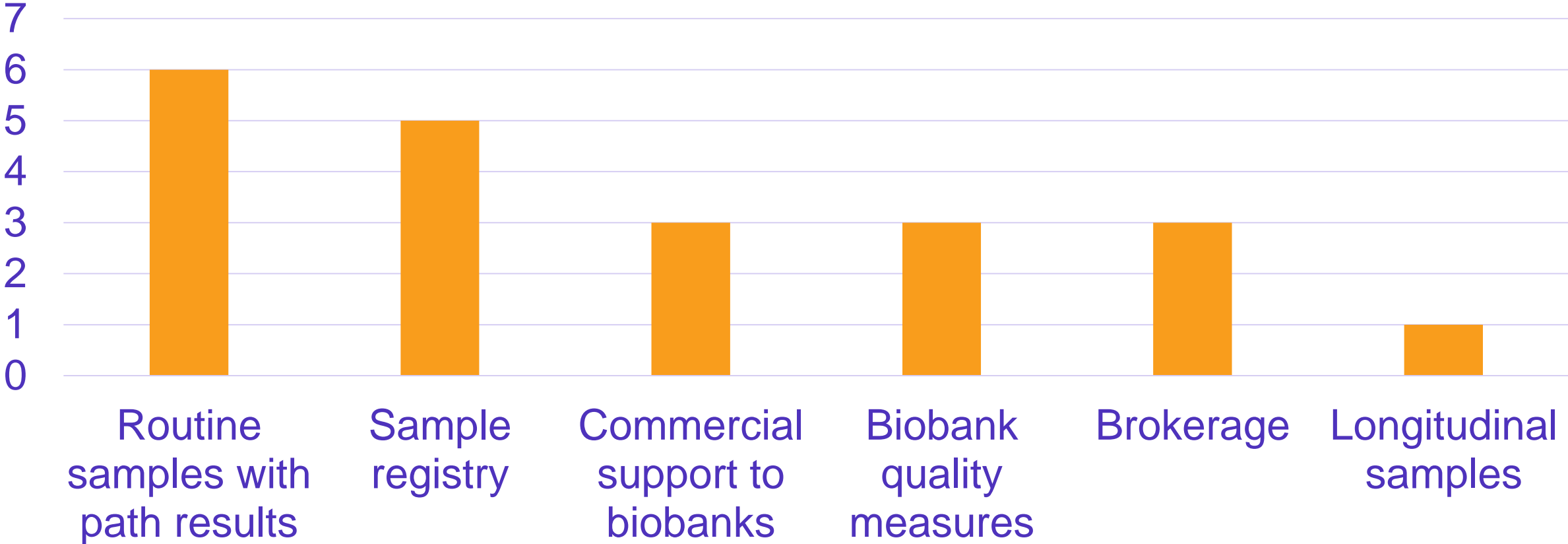
% of respondents citing issues





# Action was called for in access to path samples, tissue registry, and other areas

## Recommendations for MDC action



# Summary of MDC proposed response

- MDC should support companies looking to work with UK biobanks
- Collaboration with CRC TDCC
  - Market TDCC to companies
  - Support biobank sign-up to TDCC, track inclusion & data completion
  - Include commercial activity, user recommendations on registry
- Brokerage work
  - Brokerage work between RTBs and users to support transactions
  - Develop and share guidance & templates for commercial sample transactions
  - Support initiatives allowing real-time sample identification, consent and acquisition