

# Discovering HPC Resources in Africa

## Empowering Collaborative Research Opportunities

Bryan Johnston - [bjohnston@csir.co.za](mailto:bjohnston@csir.co.za), Katherine Johnston - [katherine.johnston@uct.ac.za](mailto:katherine.johnston@uct.ac.za),  
Suresh Maslamoney - [suresh.maslamoney@uct.ac.za](mailto:suresh.maslamoney@uct.ac.za).

### MOTIVATION

#### KNOWN LIMITATIONS

Skills Gaps

Resource Constraints

Accessibility to cyber-infrastructure

#### HPC DISCOVERY SURVEY

Blueprint for African HPC catalogue

Foster African scientific collaborations

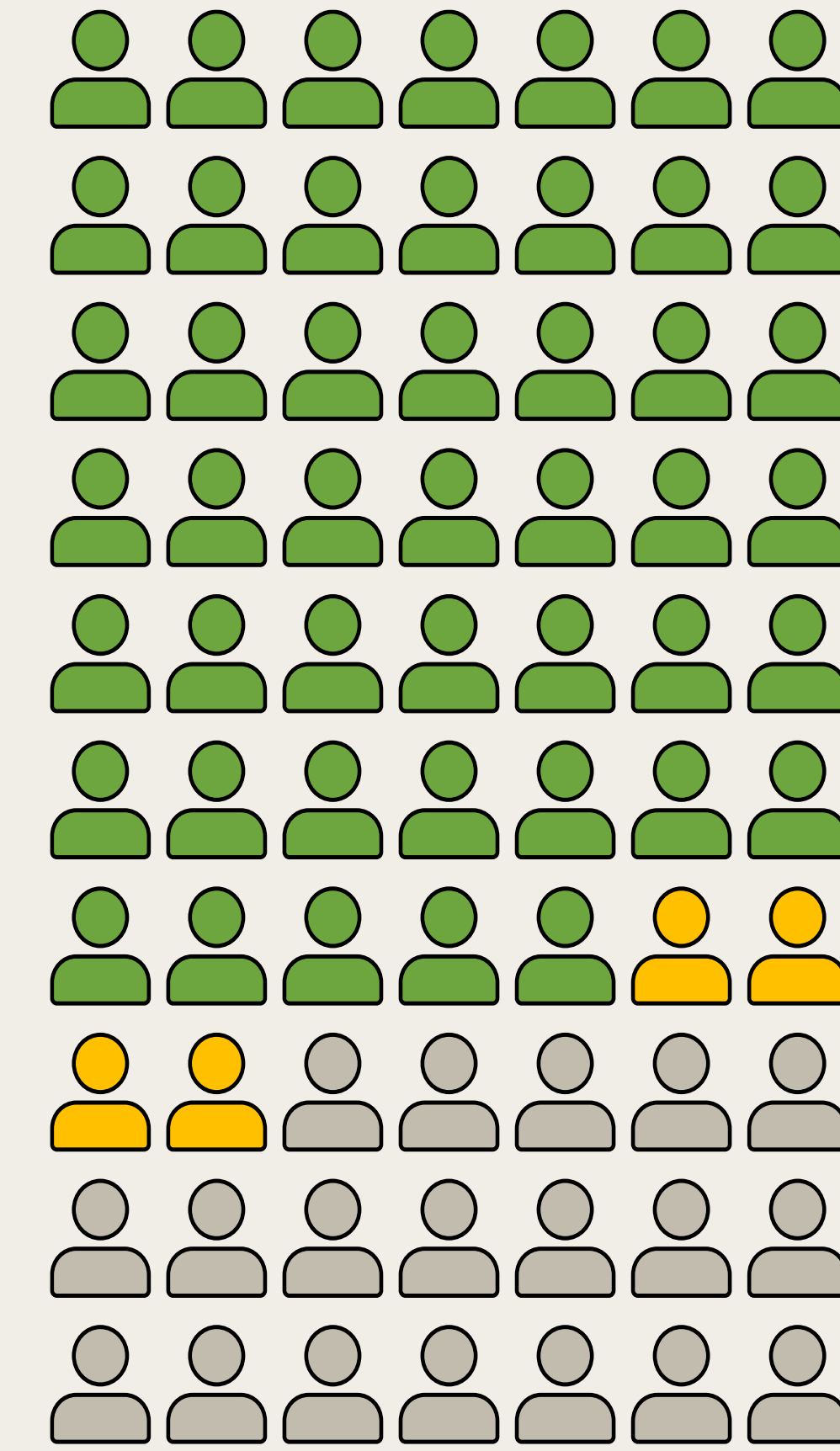
Pinpoint gaps in skills and infrastructure

### FOCUS AREAS

The survey targeted **system administrators**, **researchers**, and **HPC users** across the continent.

- Type of organisation
- Compute specifications
- Geographic distribution
- Openness to collaboration
- Available skills
- Consent for future engagement

### SURVEY RESPONSES



**47**  
Unique Sites

**51** Complete

**4** Duplicates

**19** Incomplete

**17** Countries

### WHAT'S NEXT?

A refined survey to reach broader audience

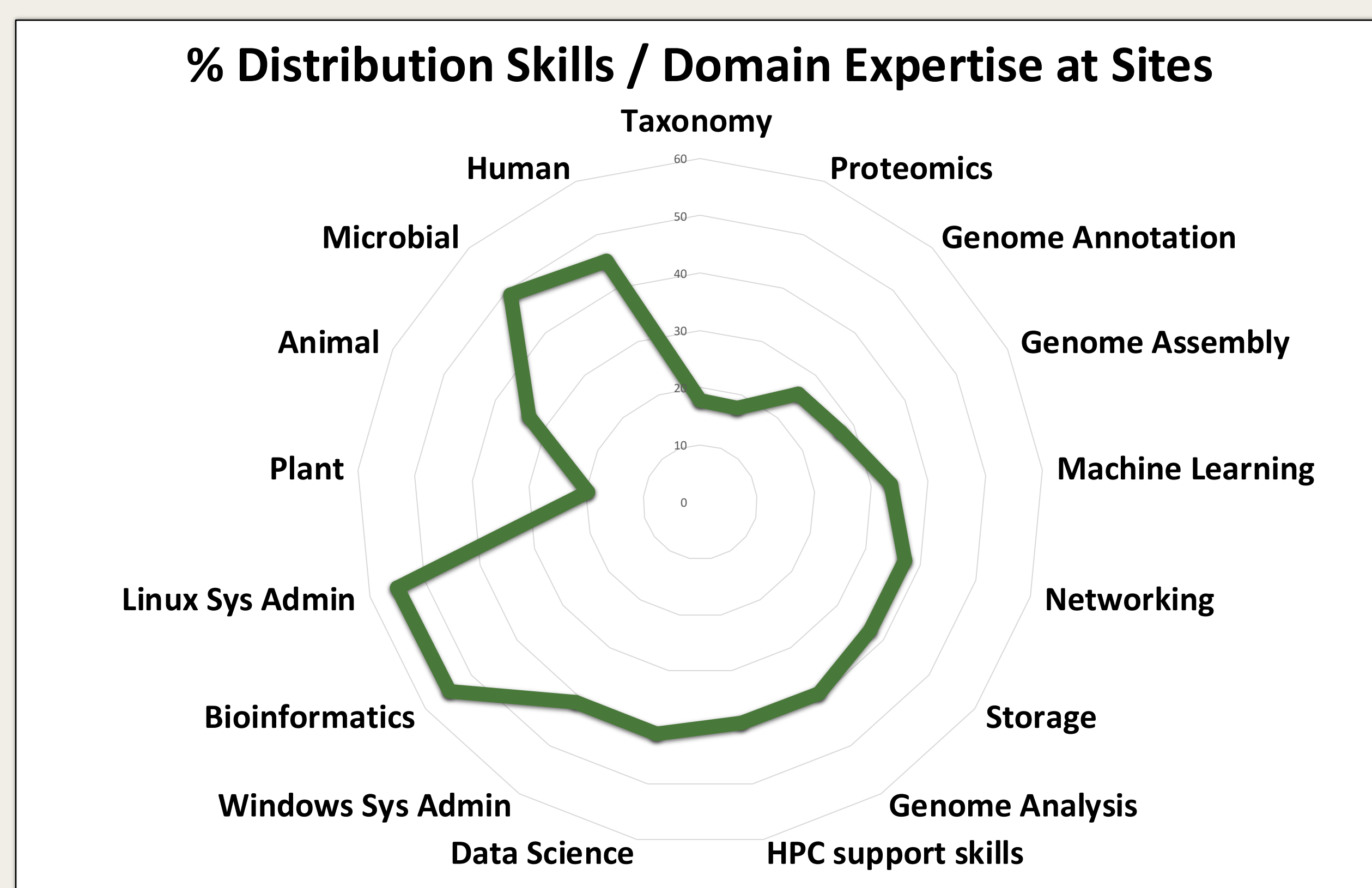
- Targeted network
- Follow-up with respondents
- Flagged non-respondents

Consolidate survey findings into catalogues

- Available HPC resources
- Collaborative opportunities
- Skills gaps

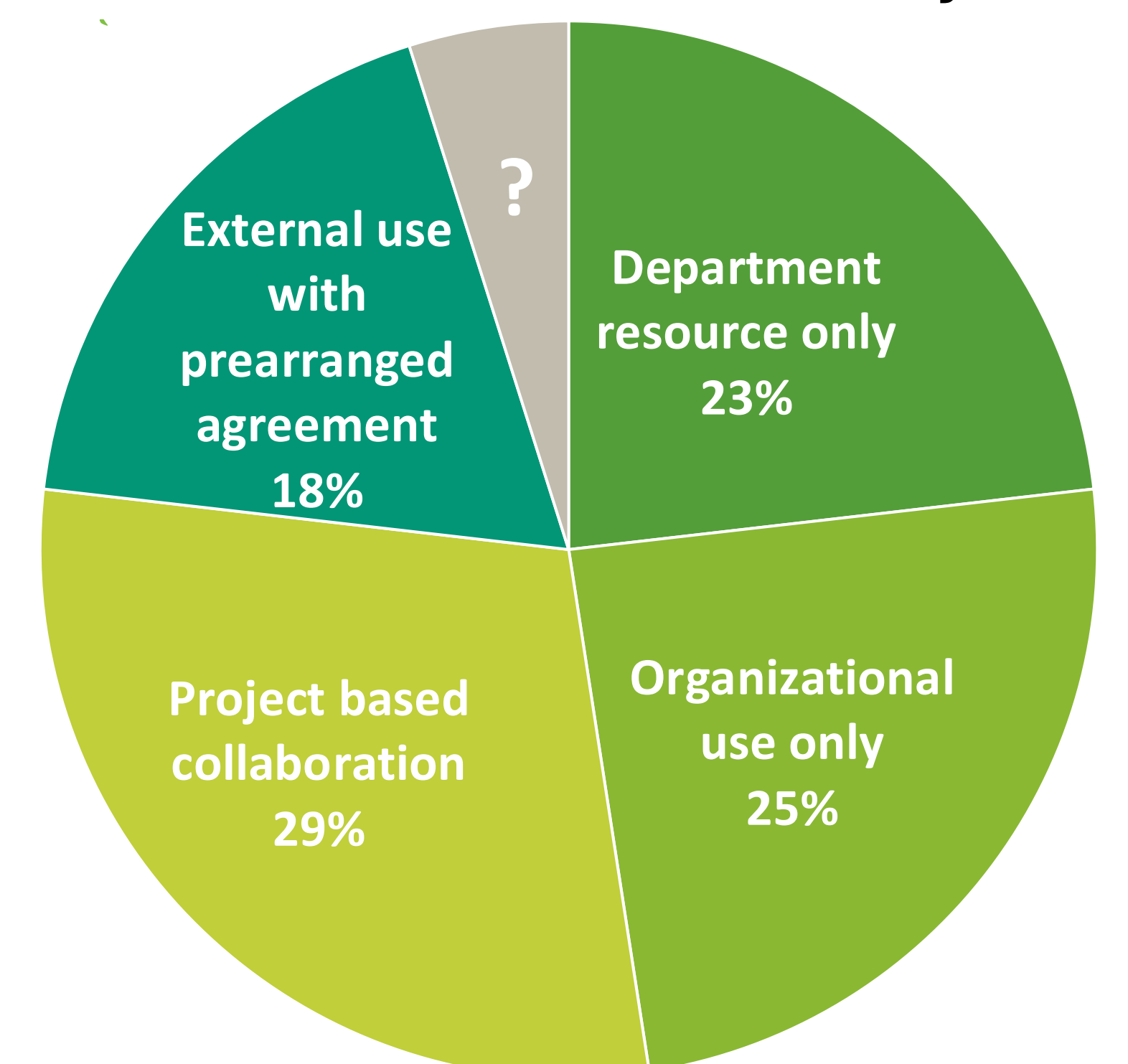
### FINDINGS

- + Geographic diversity
- + Discovery of unreported HPC systems
- + Identified gaps in national oversight of HPC resources.
- Non-response bias
- Response quality variation & discrepancies



(Mauritius)

### Site Collaboration Availability



### DIVE DEEPER: SCAN THE QR CODE

...for additional information relating to the survey, the findings, and an audio tour of the poster!



[tinyurl.com/AfricaHPCdiscovery](https://tinyurl.com/AfricaHPCdiscovery)

### ACKNOWLEDGEMENTS

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