

A global review of conservation prioritisation

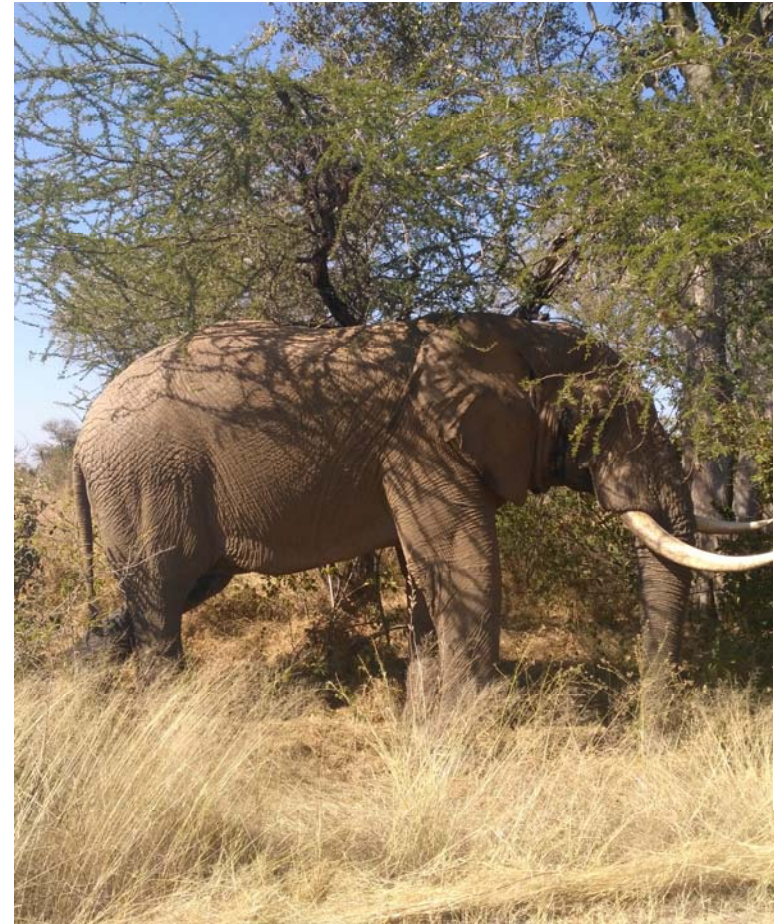
The National Biodiversity Planning Forum 2017
Kruger National Park

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Context

Prioritisation is: “The biogeographic-economic activity of identifying important areas for biodiversity”

Conservation prioritisation has received considerable global investment

There have been a large number of recommendations made about how to best develop conservation prioritisation

It is unclear where prioritisations are being used, who they're being developed by and for what purposes

Aim

To understand who is developing prioritisations, where, why and how



Methods



We conducted an online survey



We identified 645 prioritisations through a systematic review of the literature and invited the first authors to participate



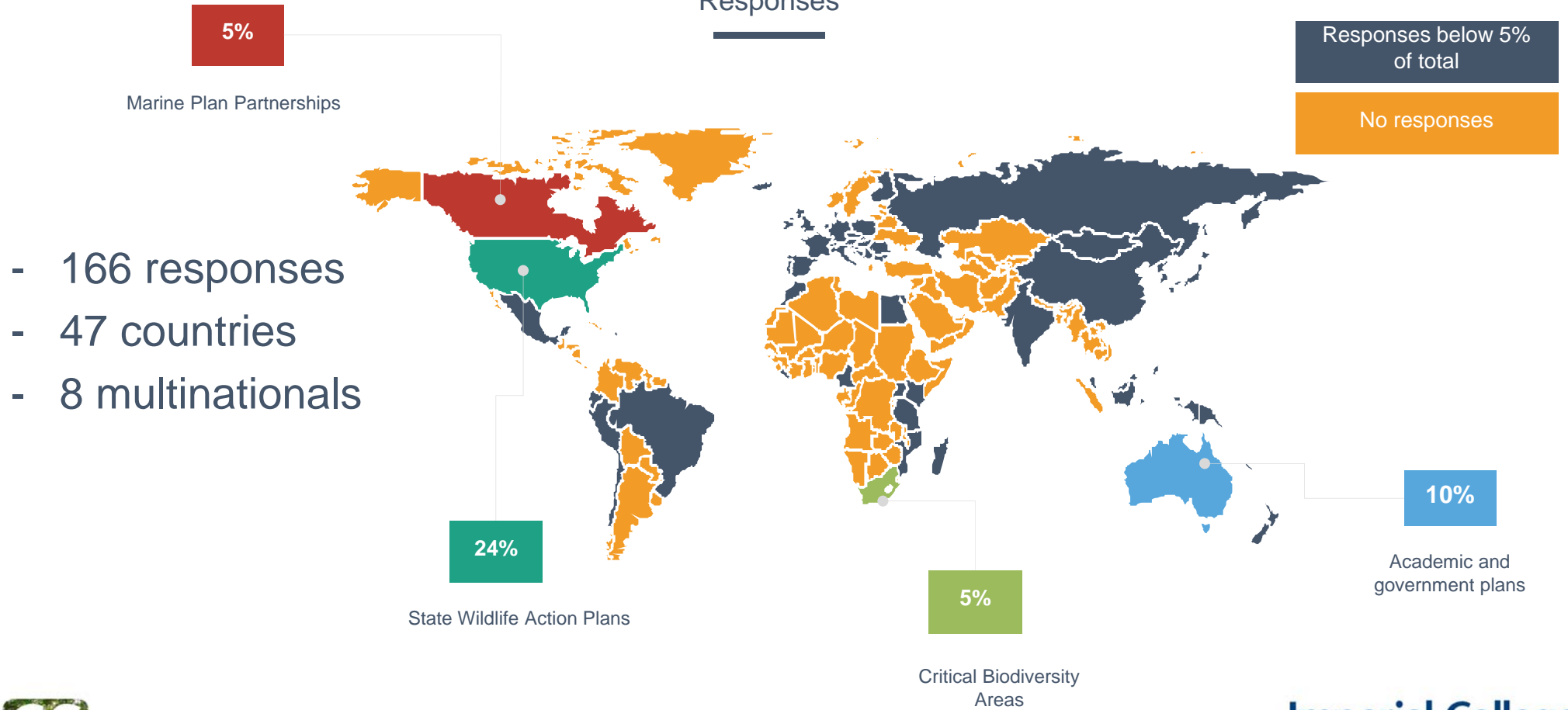
We used a snowballing technique to identify and invite authors of non-peer reviewed plans



We conducted a cluster analysis on the results to identify emergent groups of respondents

Results

Responses



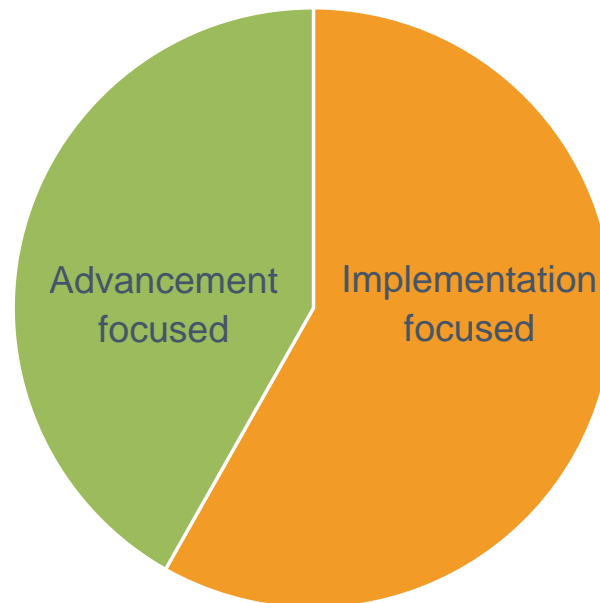
- 166 responses
- 47 countries
- 8 multinationals

Results

Cluster Analysis

The cluster analysis produced two clusters

42% of prioritisations focused
on technical advancement



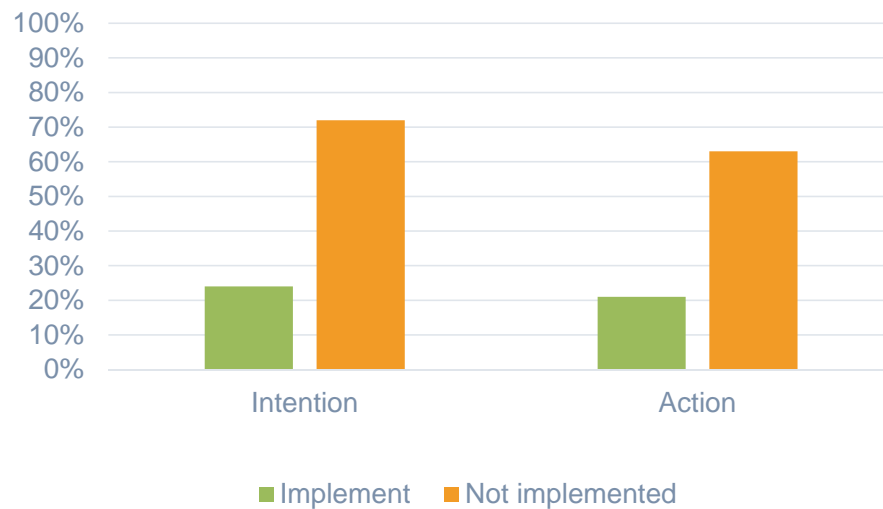
58% of prioritisations
focused on implementation

Results

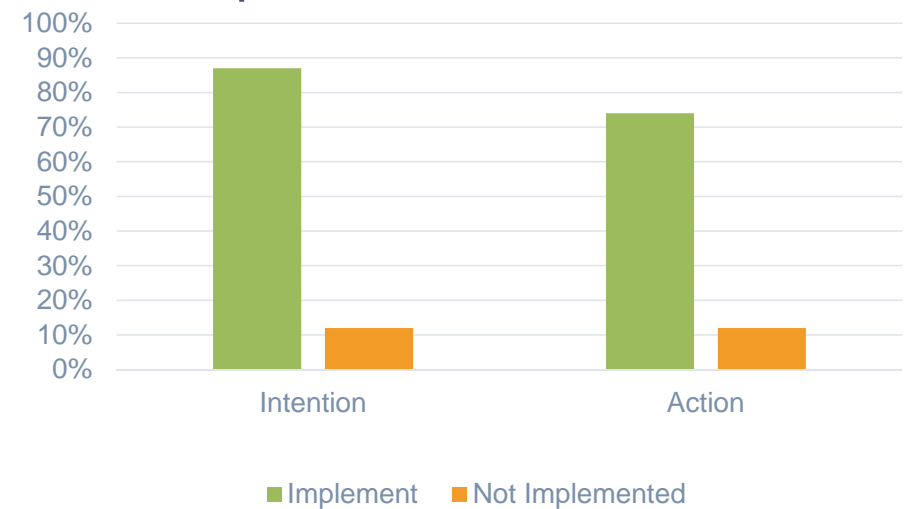
Cluster Characteristics

Was the prioritisation intended to translate to on the ground implementation and did it?

Advancement focused



Implementation focused

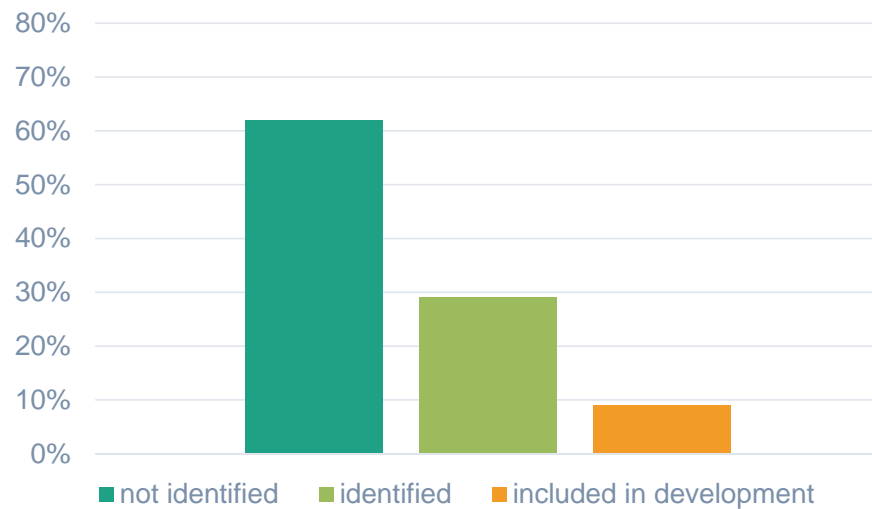


Results

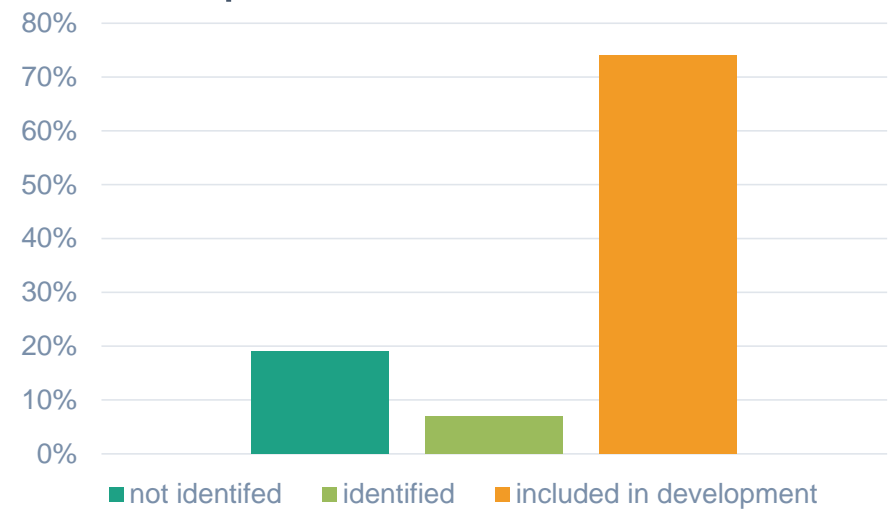
Cluster Characteristics

To what extent was an end user identified and included in development?

Advancement focused



Implementation focused

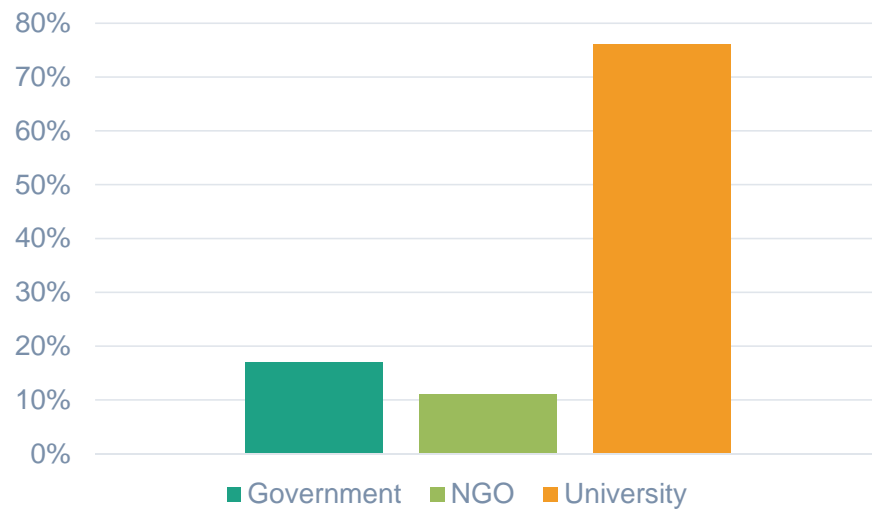


Results

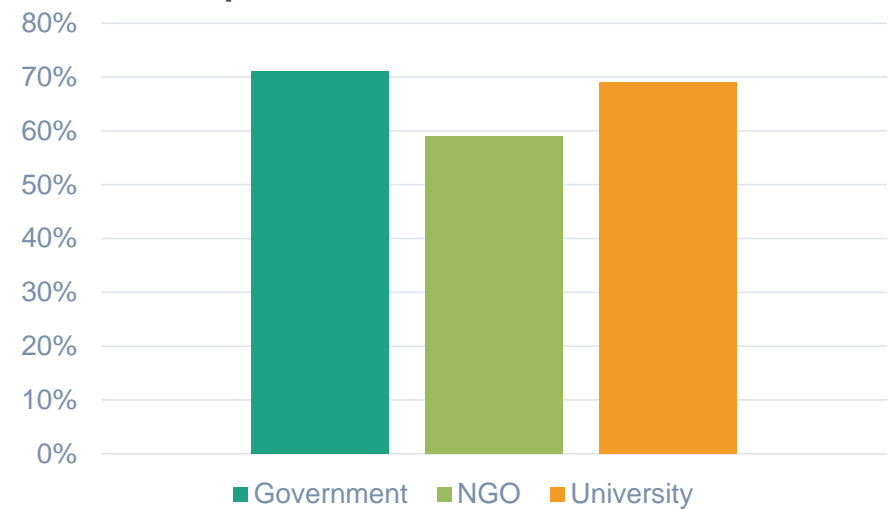
Cluster Characteristics

Who was involved in development?

Advance focused



Implementation focused

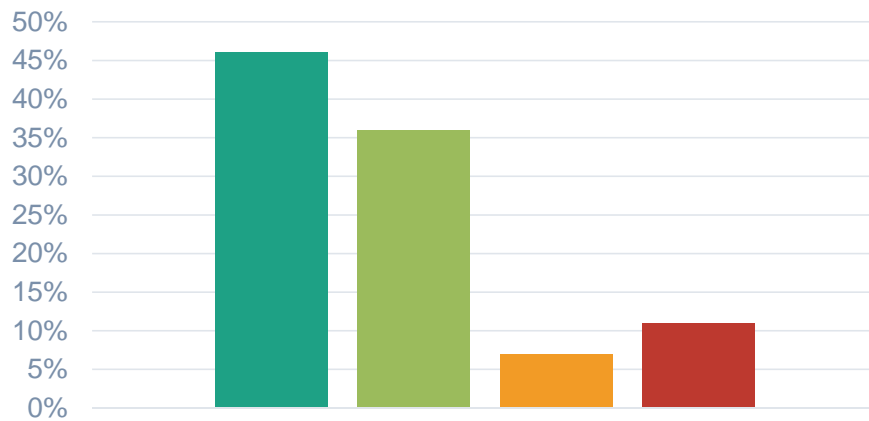


Results

Cluster Characteristics

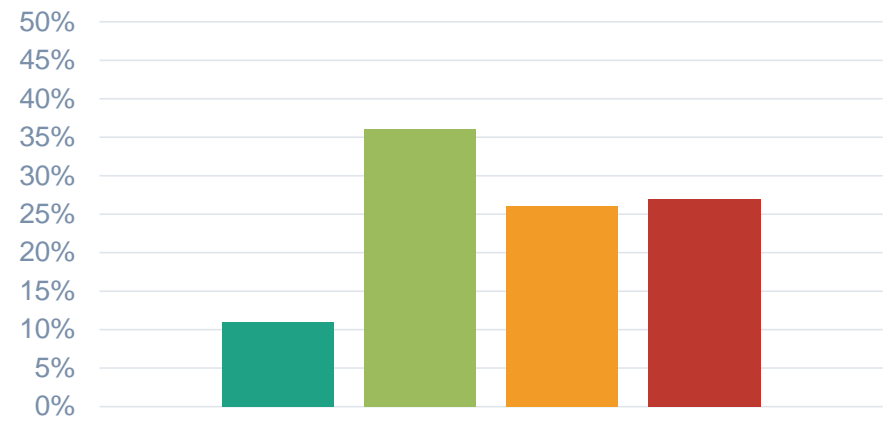
What was the purpose of the prioritisation?

Advancement focused



- Improved techniques
- Improved PA network
- Biodiv incorporated into gvt process
- Other

Implementation focused



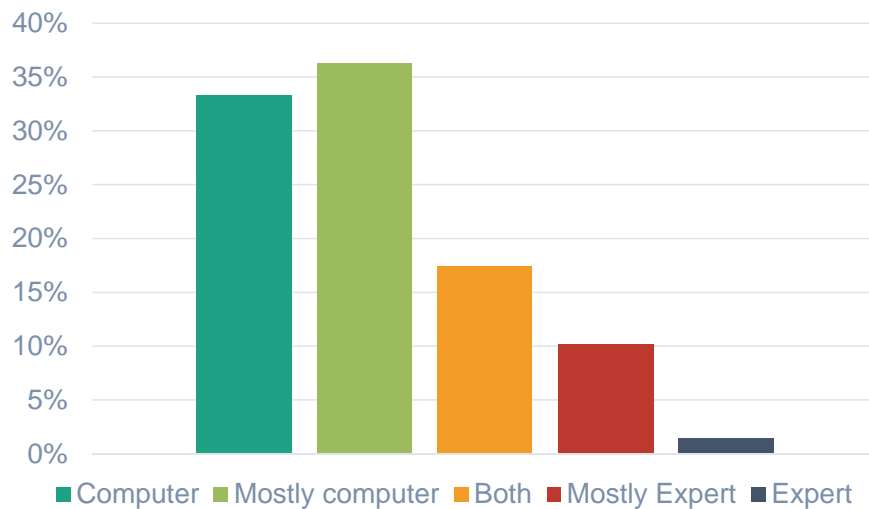
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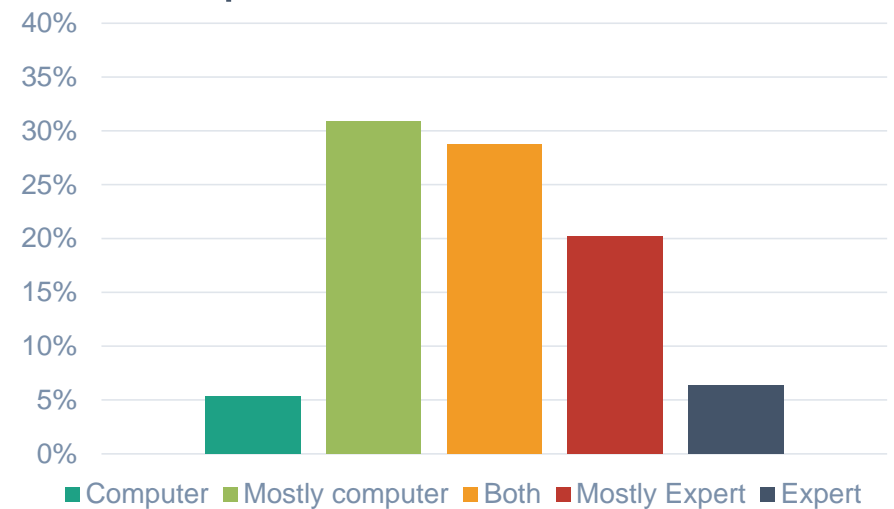
Cluster Characteristics

Was the process computer driven or expert driven?

Advancement focused



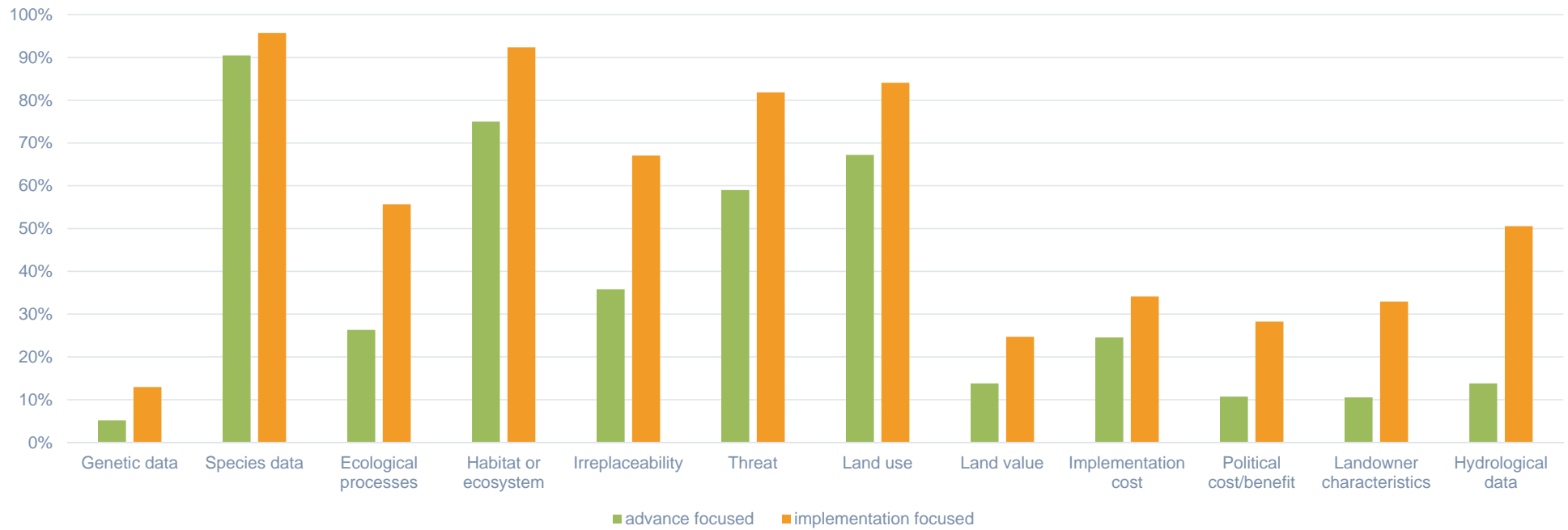
Implementation focused



Results

Cluster Characteristics

What data was used?



Conclusions

Prioritisations are being used in practice to achieve conservation goals

Prioritisations are being used in a breadth of ways to achieve many different goals

The gap between practitioners and academics appears to be bridged in the development of prioritisations

What next?

It is not possible to accurately evaluate whether prioritisations improve the effectiveness of implementation through an online survey

There is limited evidence of the contribution of prioritisations on implementation effectiveness in practice

More publications are needed about how these tools are being used

Thank you for listening!