



Views on incentives and barriers towards effective governance in seafood traceability



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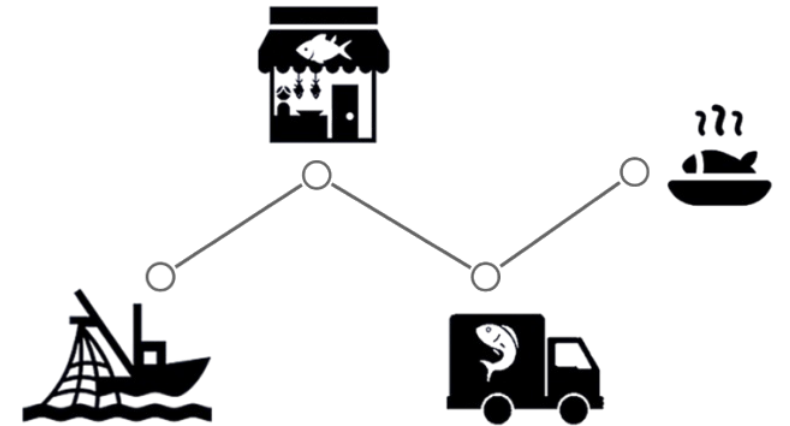


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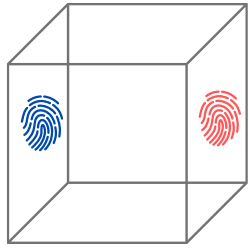
Traceability

European Union's (EU) General Food Law defines it as “the ability to trace and follow food, feed, and ingredients through all stages of production, processing and distribution”.



Global need:

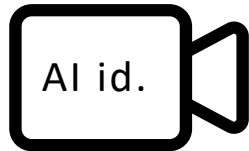
- Complexity of global seafood trade
- Different legal requirements, capabilities and technological methods



Harvesting
data



Processing
data



AI id.



Artificial
Intelligence

Blockchain

Paper methods

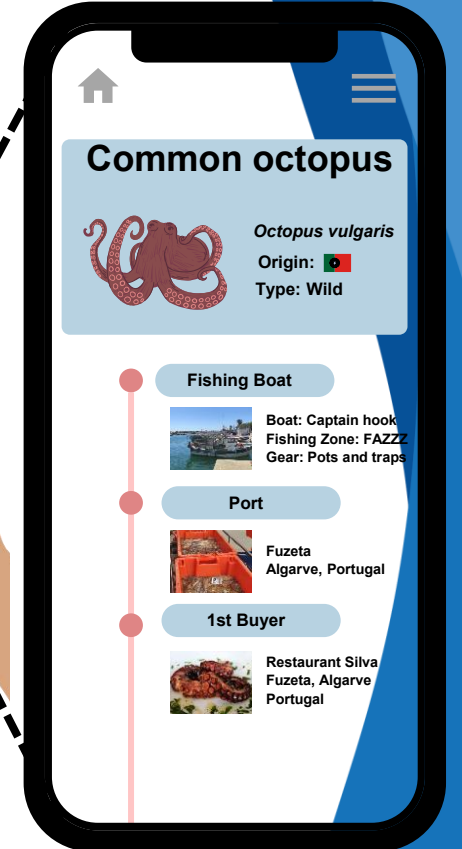
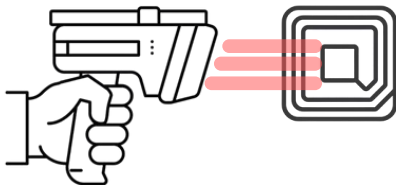
Mobile apps

Different traceability methods

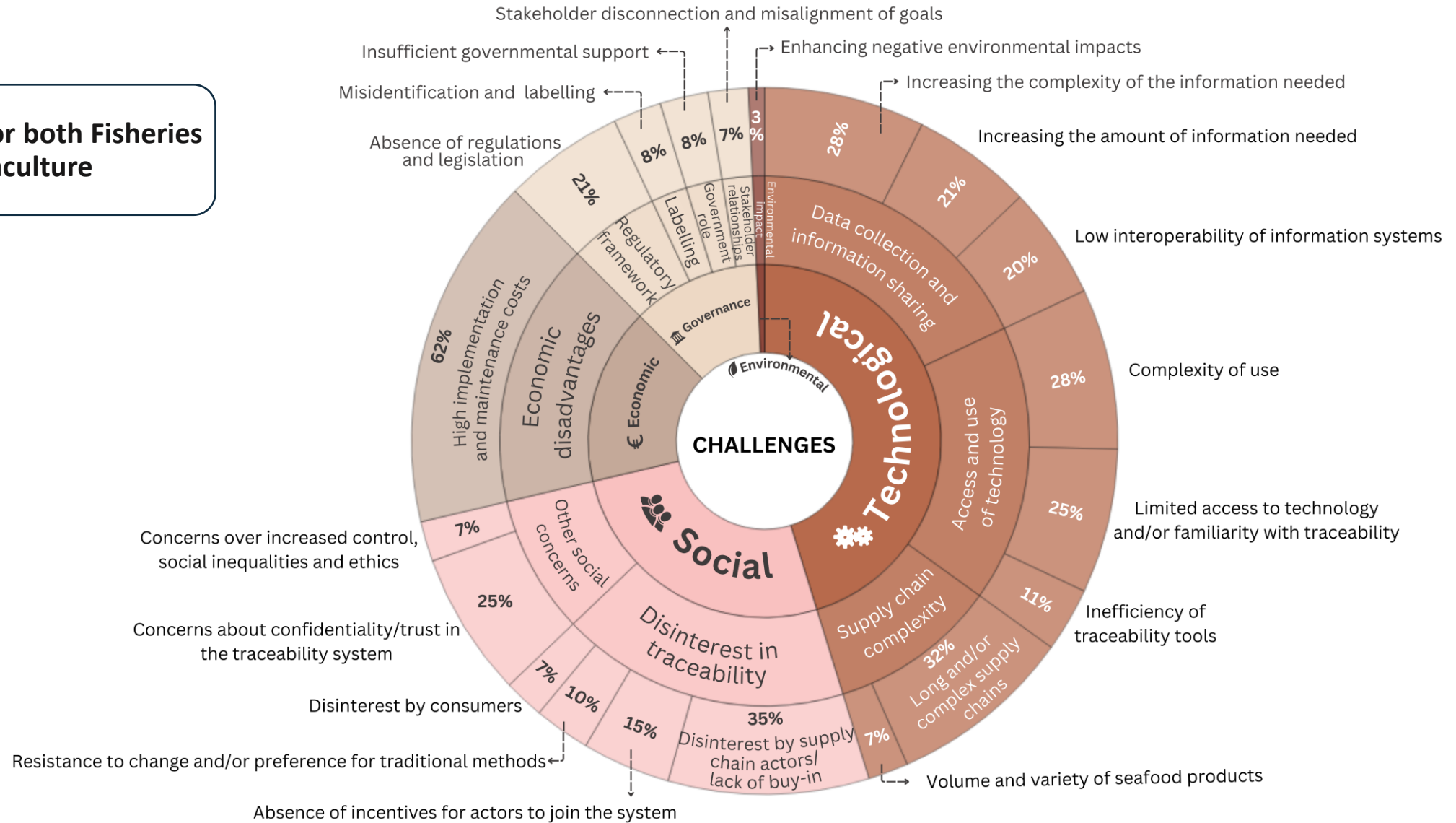
QR Codes

VMS data

RFID

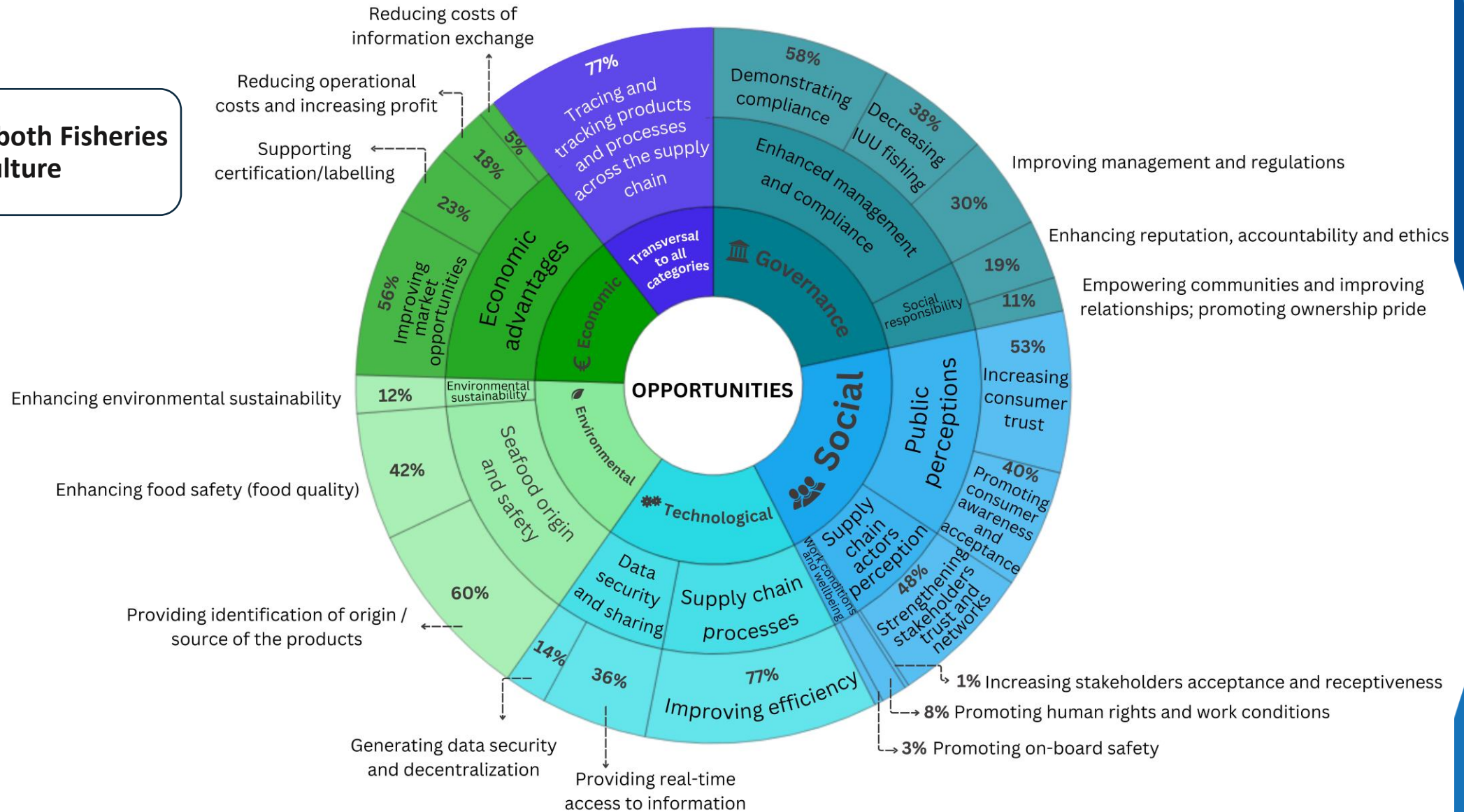


Results for both Fisheries and Aquaculture



Literature review

Results for both Fisheries and Aquaculture



Interviews with experts

- Semi-structured interview
- Focus on the fisheries sector
- Selection of experts: snowball method
- Goal: understand experts views on barriers and incentives towards seafood traceability



Total of 43 interviews



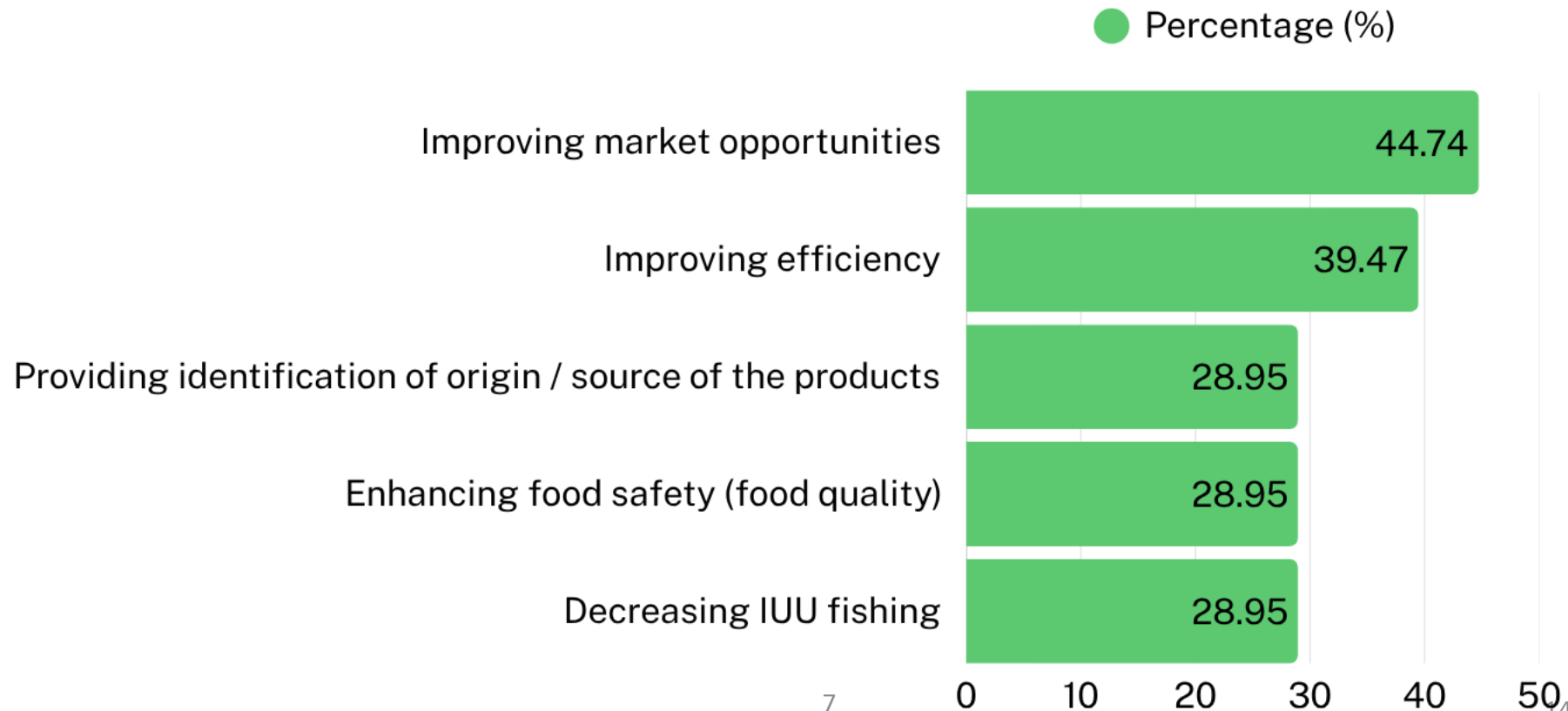
17.7 years of experience working on seafood

Interviews with experts



TOP 5

Opportunities of traceability

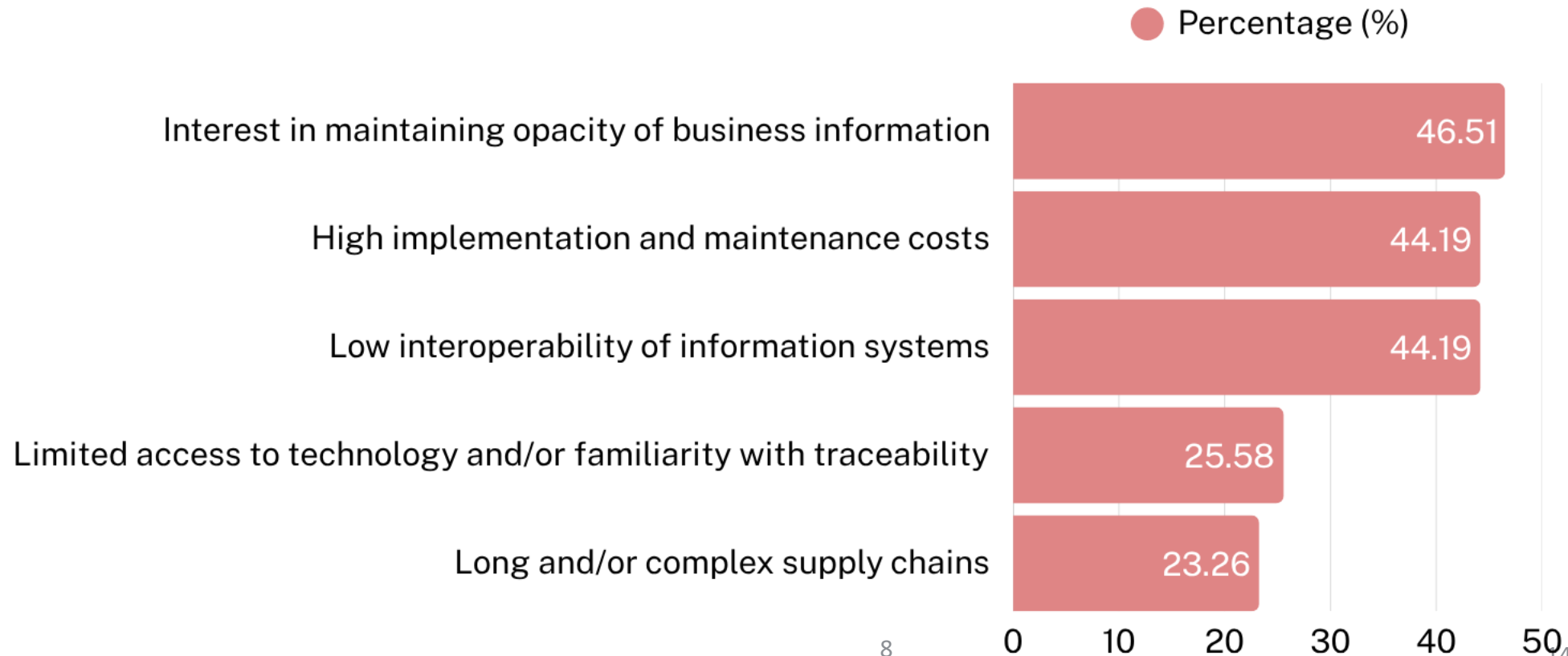


Interviews with experts



TOP 5

Challenges of traceability

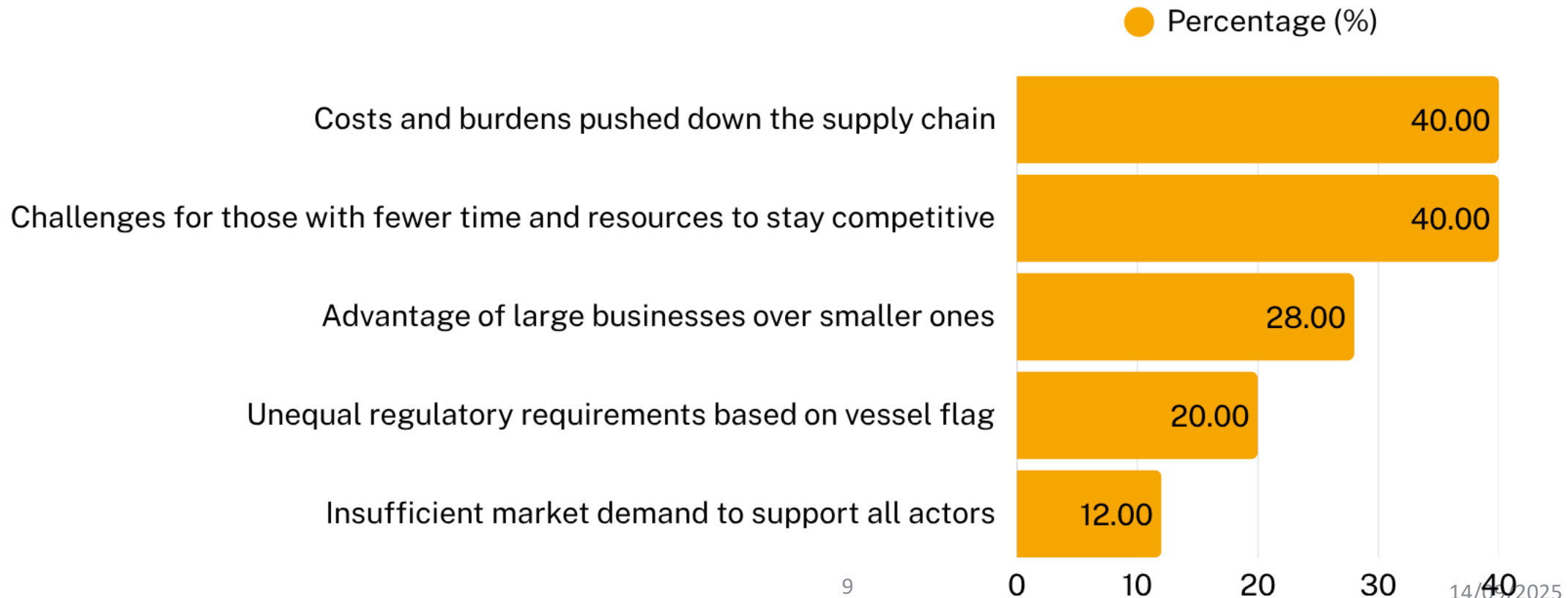


Interviews with experts



TOP 5

Inequalities related w/ traceability



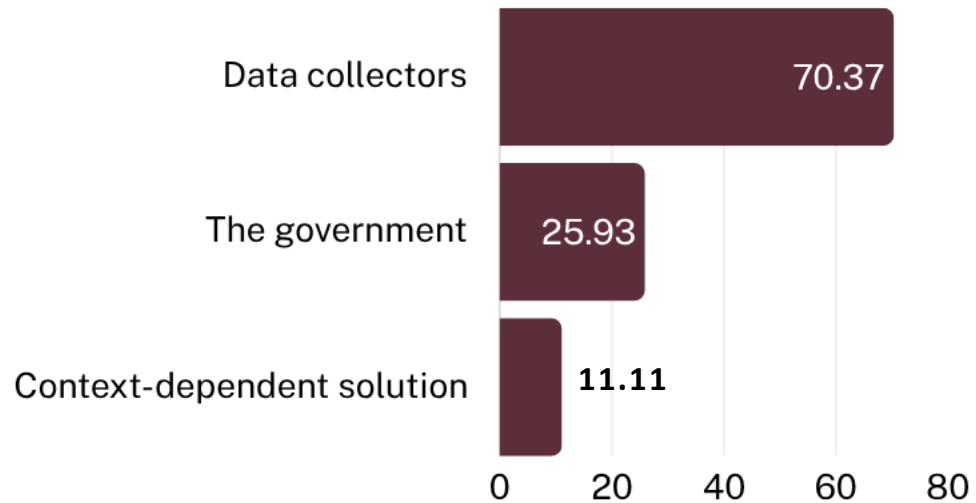
Interviews with experts



TOP 3

Who should own the data?

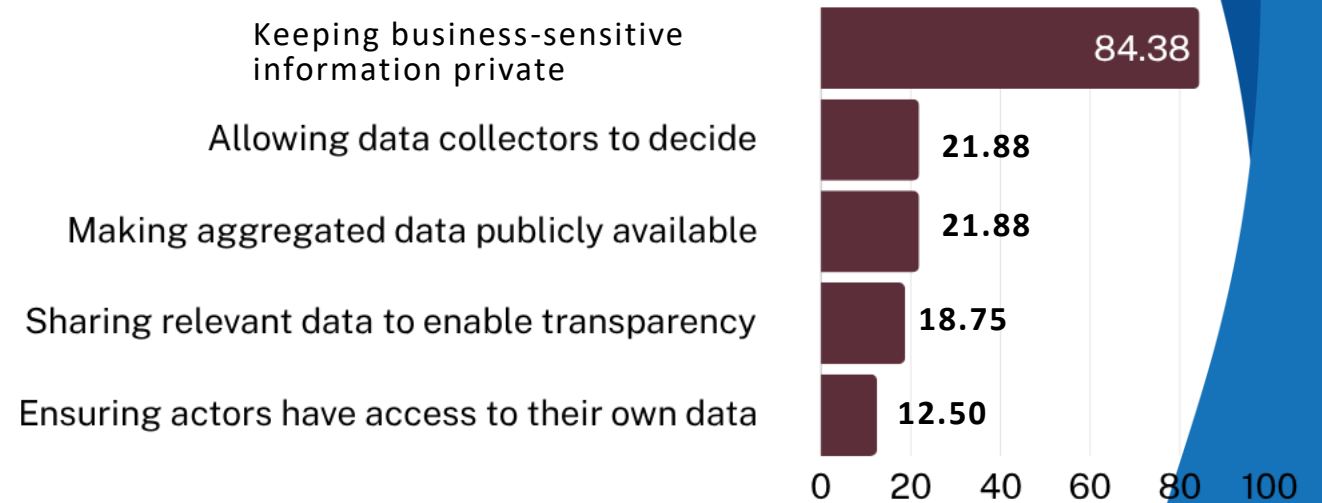
● Percentage (%)



TOP 5

Who should have access to the data?

● Percentage (%)

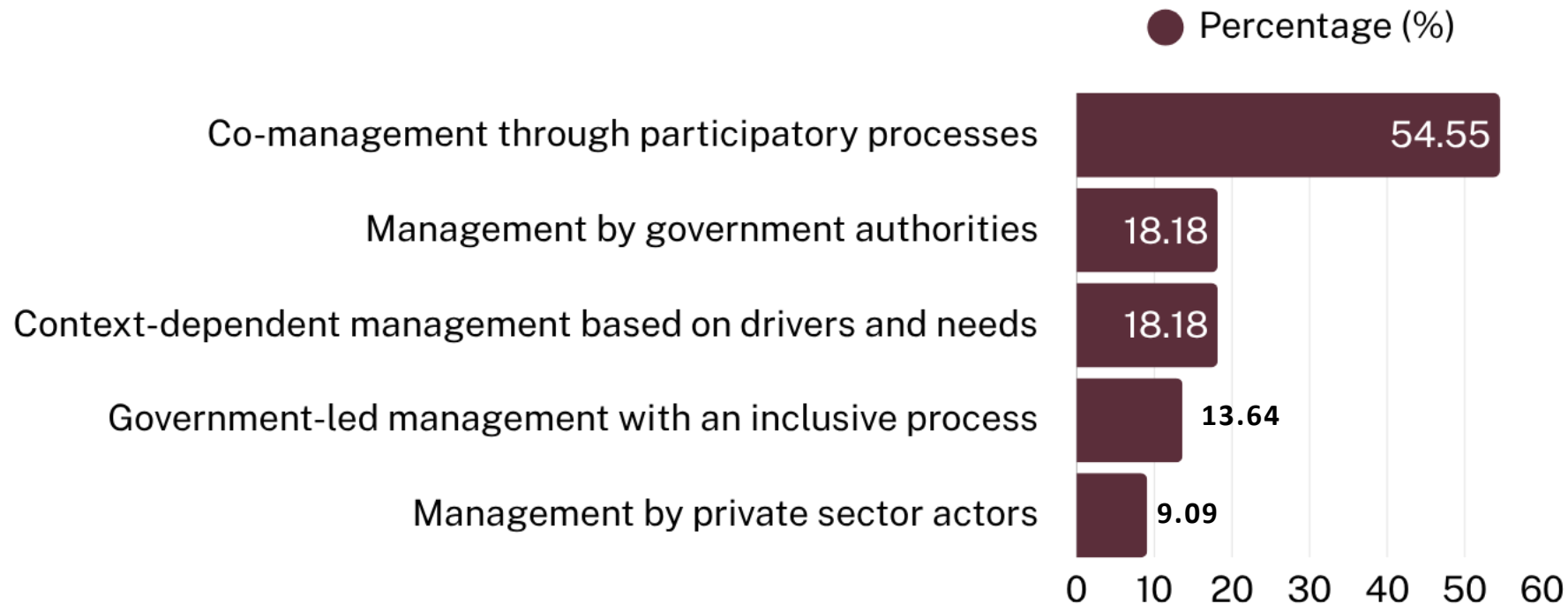


Interviews with experts



TOP 5

Who should manage the system?

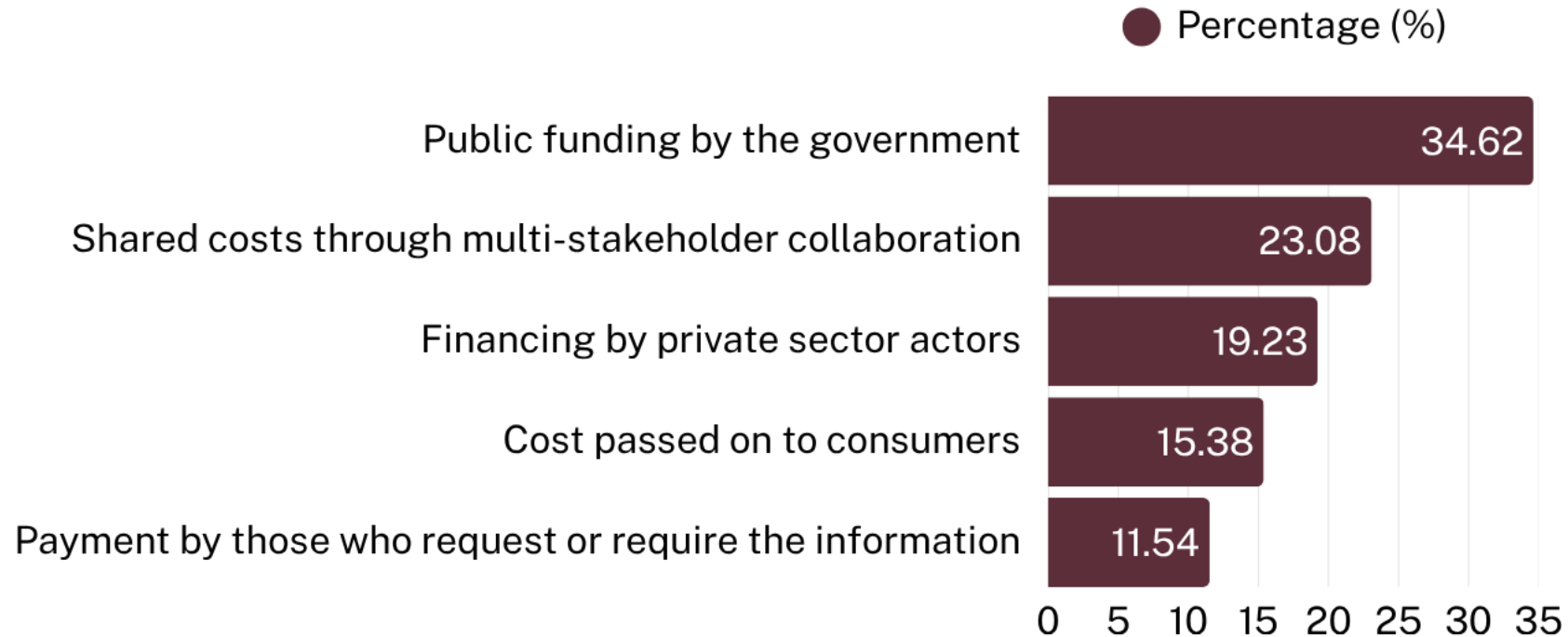


Interviews with experts



TOP 5

Who should pay for traceability?



Concluding remarks

- **Context-specific** factors must be understood to design effective solutions.
- **Interoperability** between systems should be ensured.
- Small businesses and small-scale fisheries need special attention due to **limited resources** and market access.
- Further analysis of interviews will deepen understanding of expert perspectives.

Thank you!

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