

NextGEOSS Sustainability

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NextGEOSS S3 Meeting
Lisbon, 1-2 July 2019



European
Commission

Horizon 2020
European Union funding
for Research & Innovation

AGENDA

1. Introduction
2. Sustainability Report: Key Takeaways and Recommendations
3. Discussion



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1. Introduction

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Purpose

- Provide an assessment of the best mechanisms to **support long-term usage** of NextGEOSS within user communities

Work

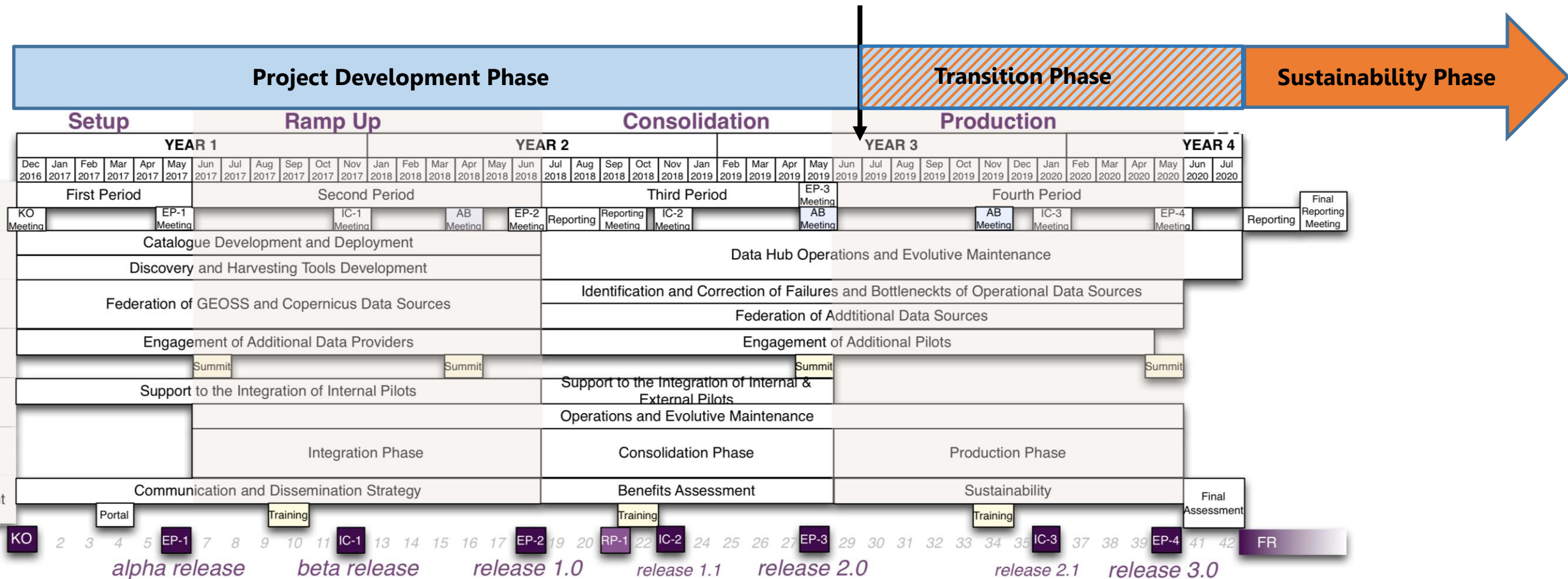
- Assess the desired approaches to NextGEOSS from end-user stakeholders (**end user requirements**)
- Identify critical success factors as well as potential risks and inhibitors (**best practices**)

Output

- Recommendations to deliver **the most sustainable approach** to NextGEOSS services generation and utilization
- Recommendations roadmap for consortium actions to **ensure sustainability**

TIMELINE

We Are Here



AGENDA

1. Introduction

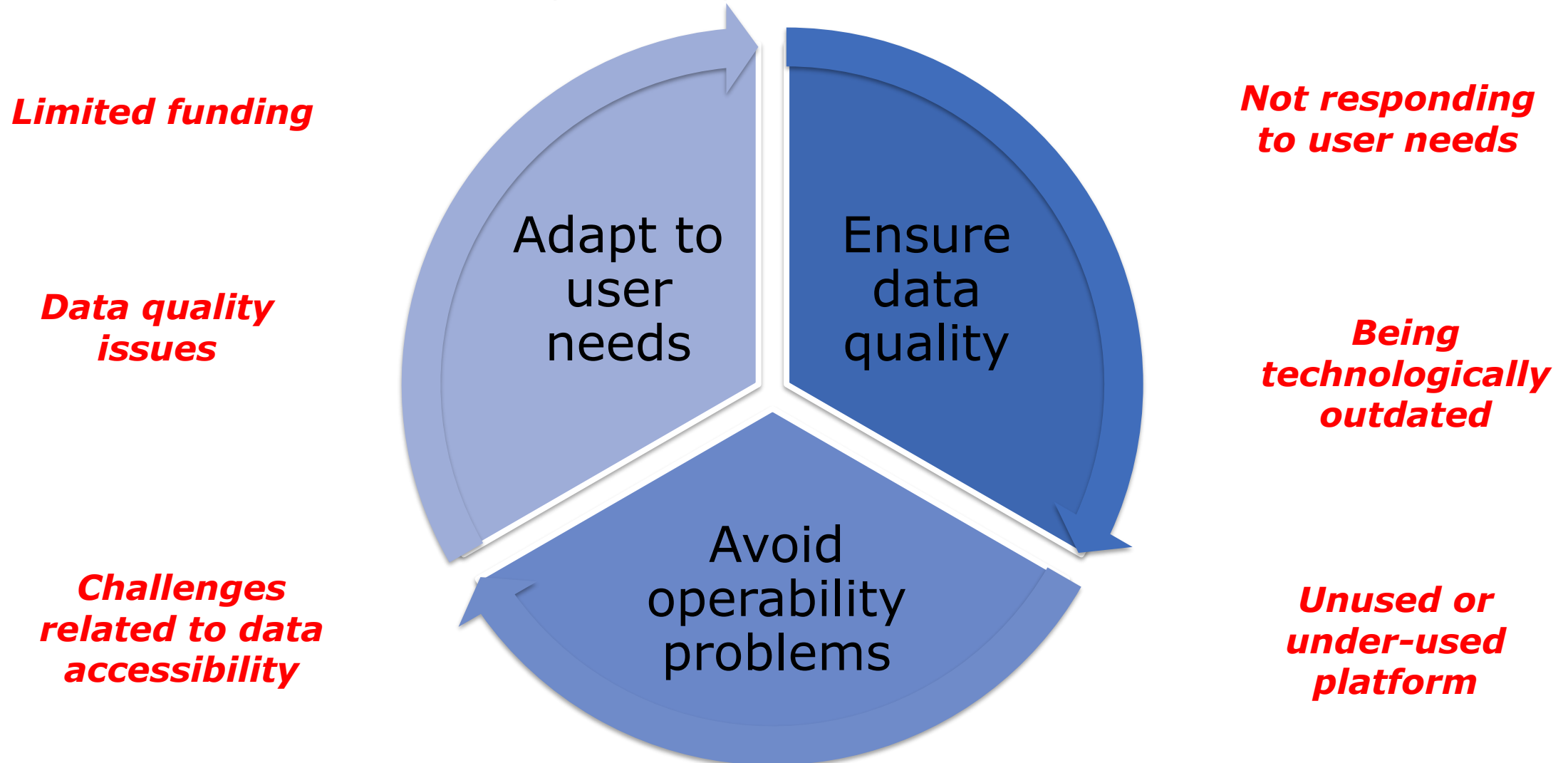
**2. Sustainability Report: Key
Takeaways and
Recommendations**

3. Discussion



WHY SUSTAINABILITY?

Sustainability is the process of **maintaining change** in a **balanced fashion**



NextGEOSS End Users

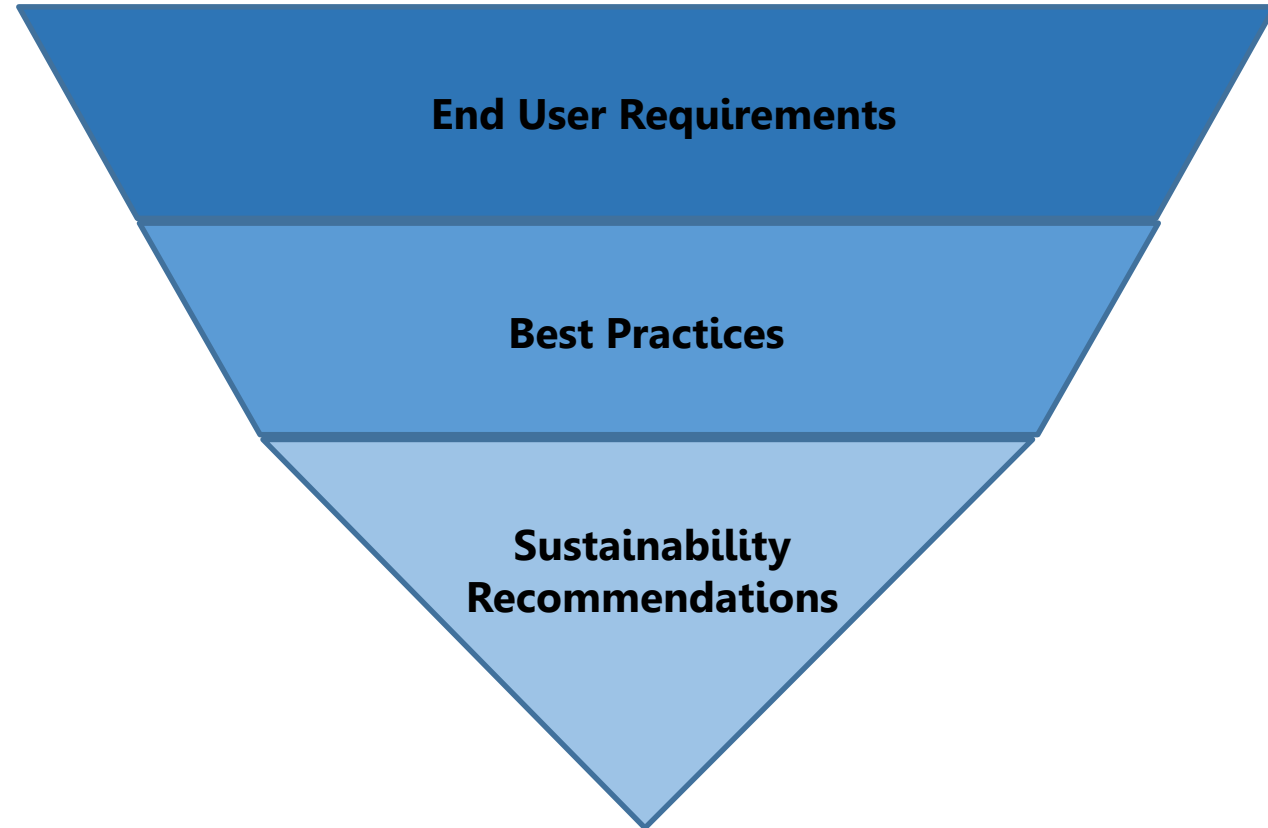
Conducted Data User
and Data Provider
Survey



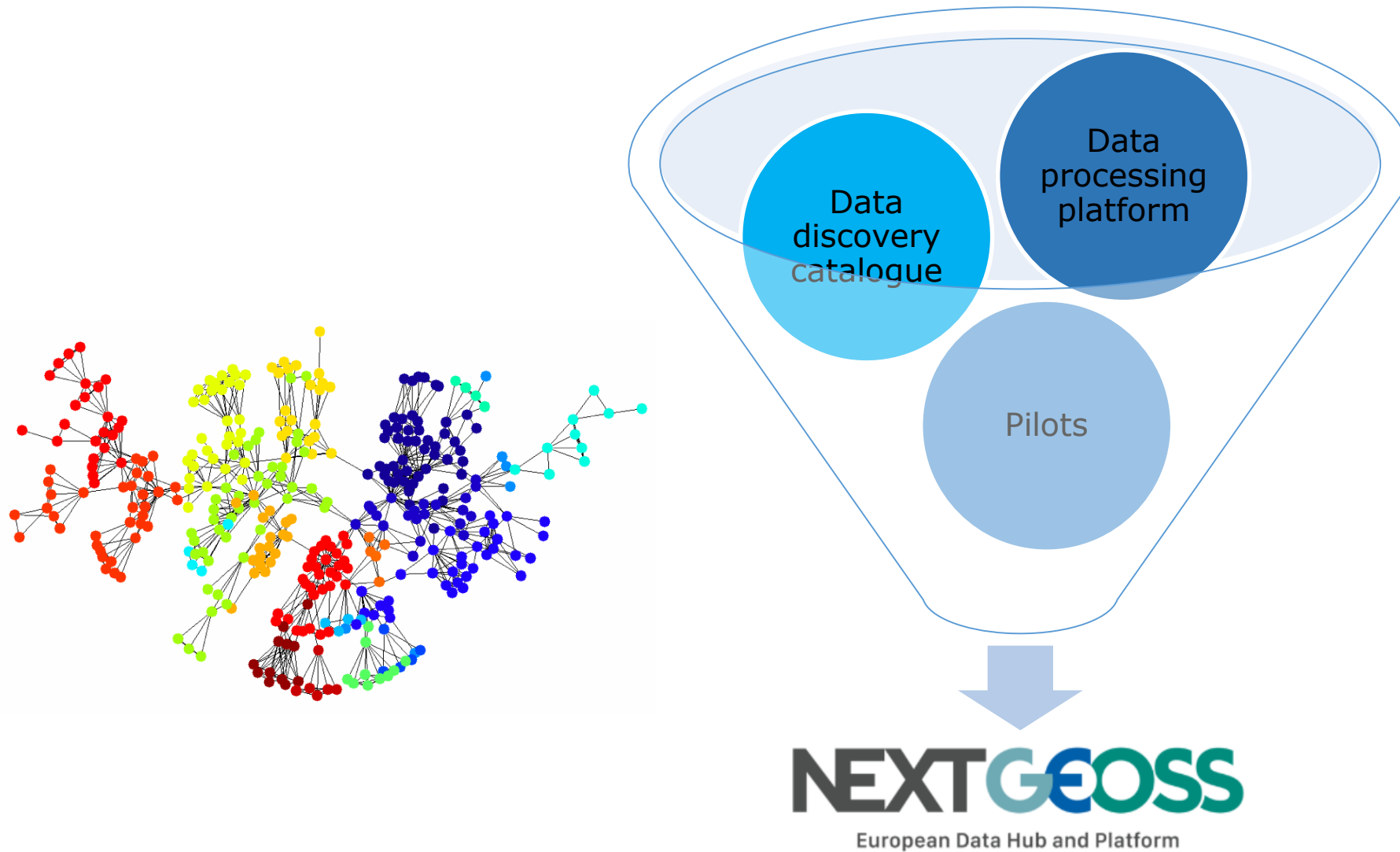
Consulted literature,
interviewed experts,
carried out a benchmark
of other platforms



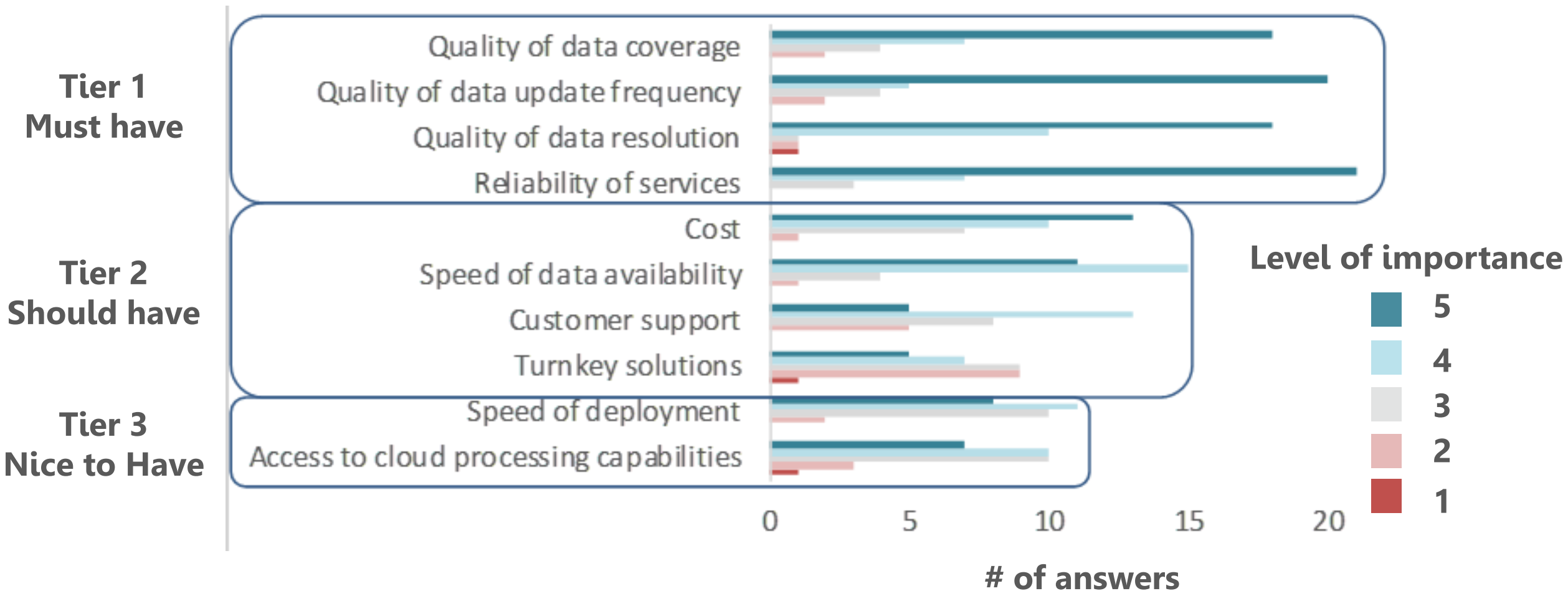
All data distilled into a
series of sustainability
recommendations



NextGEOSS constitutive elements



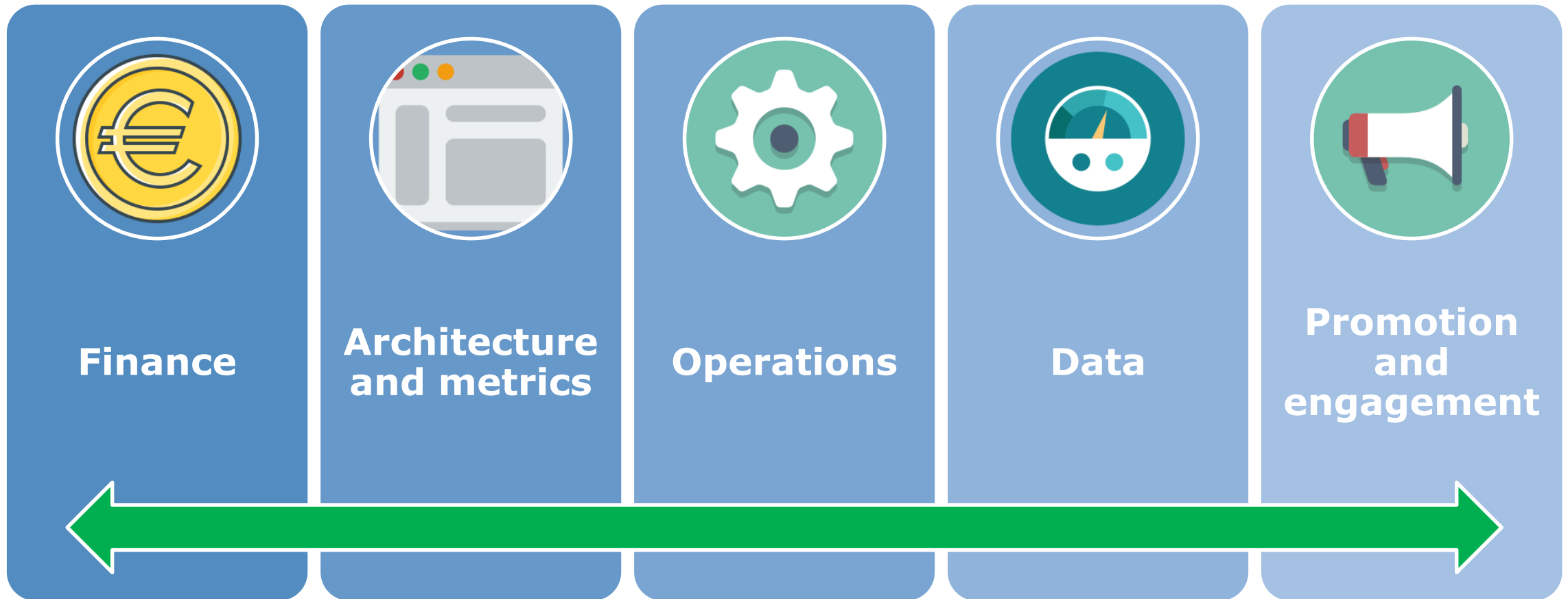
Meeting User Needs



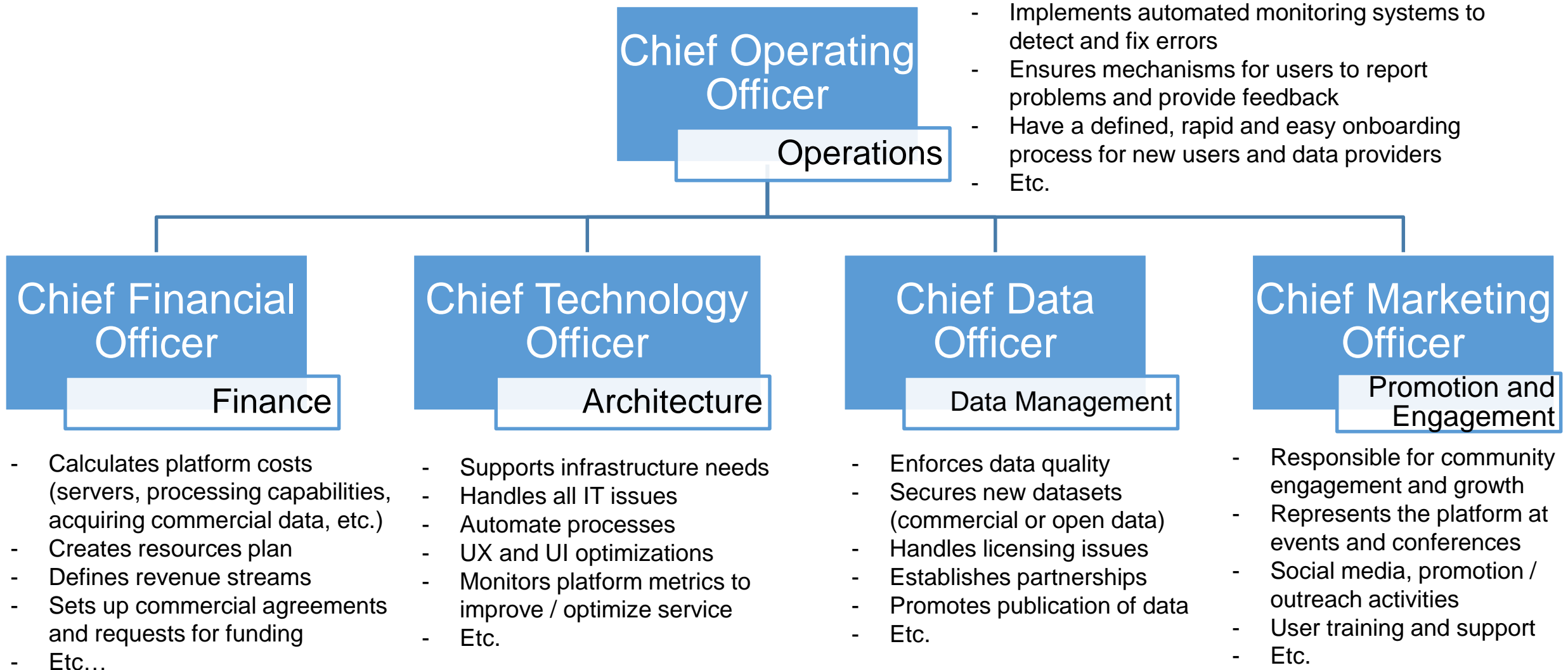
Governance

- **Answer key questions:** What does the platform aim to achieve? What user communities will it serve? Under what structures will it operate (embedded within a larger organization, operated by a not-for-profit entity, free-standing, commercial, etc.)?
- **Establish a structure and organization** capable of identifying measurable platform goals and implementing a strategy to achieve them.
- It must create positions with **specific responsibilities** on financing the platform, day-to-day operations, ensuring responsibility for platform data quality and enforcing these standards, public visibility / outreach, etc.

Platform Governance



Illustrative Governance Structure



Platform Positioning

100% Commercial

Hybrid

100% Public



Commercial approach:

- Business plan
- Commercial agreements
- Commercialisation of services
- Roadmap, etc.

Institutional approach:

- Community activity to GEO
- Partnership with other groups
- Public grants, applications for funding from public authority, etc.

Platform Niche



Provides support for:

- Acting as an open-ended testbed
- Provides tools / data to developers
- Area to **experiment and test** R&D ideas



Provides support for:

- **Operationalizing** ideas into concrete projects
- Process of **growing / scaling up** R&D ideas

AGENDA



1. Methodology and Context

2. Key Takeaways from NextGEOSS

Sustainability Report

3. Discussion

