



EOSC Multi-Annual Roadmap 2025-27

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- The Multi-Annual Roadmap is a part of the Strategic Research and Innovation Agenda
- The MAR sets priorities for activities in a given period of work
- The MAR informs the Work Programme which is defined by the European Commission
- The MAR under development is for 2025-2027
 - For now the period 2025 is concentrated on
 - Next iteration will flash out details for 2026-2027
 - Survey version:

https://eosc.eu/sites/default/files/2023-01/MAR_2025-27_draft.pdf

How was this MAR so far developed? (I)

- Task Forces were asked for inputs to be considered by the Board in the Autumn of 2022
- The Board reviewed and selected from these to propose topics.
- This list of bullet points was shared with the EC in December 2022
- The Board worked up a preliminary text according to the MAR structure (priorities split across 3 SRIA objectives with actions at European, National and Institutional level)
- Further iterations were made with Task Forces following discussions with the co-chairs at 10 February meeting in Brussels
- A finalised draft version for consultation was agreed on by the EC

How was this MAR so far developed? (II)

- Consultation period 7 March till 24 April 2023
- Processing consultation results started in May 2023
- Draft version agreed on by the board on 4 August 2023
- Draft delivered to the EC on 1 September 2023
- Initial reaction from EC on 4 September 2023
- Discussion with community scheduled for 20 September 2023
- Finalising draft in begin October 2023
- Integration in SRIA >>> SRIA 1.2 in October 2023
- Adoption of MAR by EOSC A at CA #7 on 21 November 2023

Some numerical results



Number of responses to the survey

Mandated organisations:	7
Other members:	42
Observers:	8
Total:	57

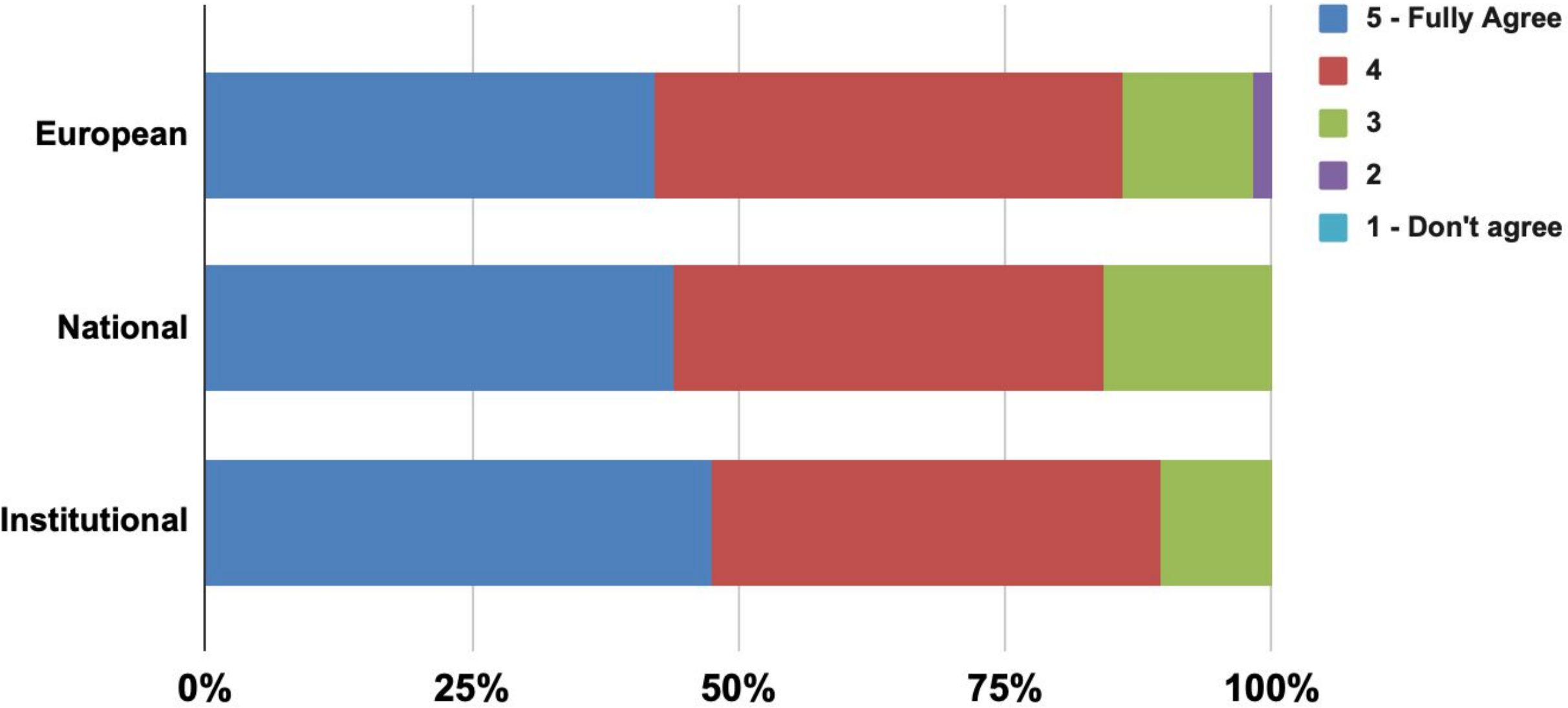
Of which

Research Performing:	34
Research Funding:	7
Service Providing:	19
Others:	3

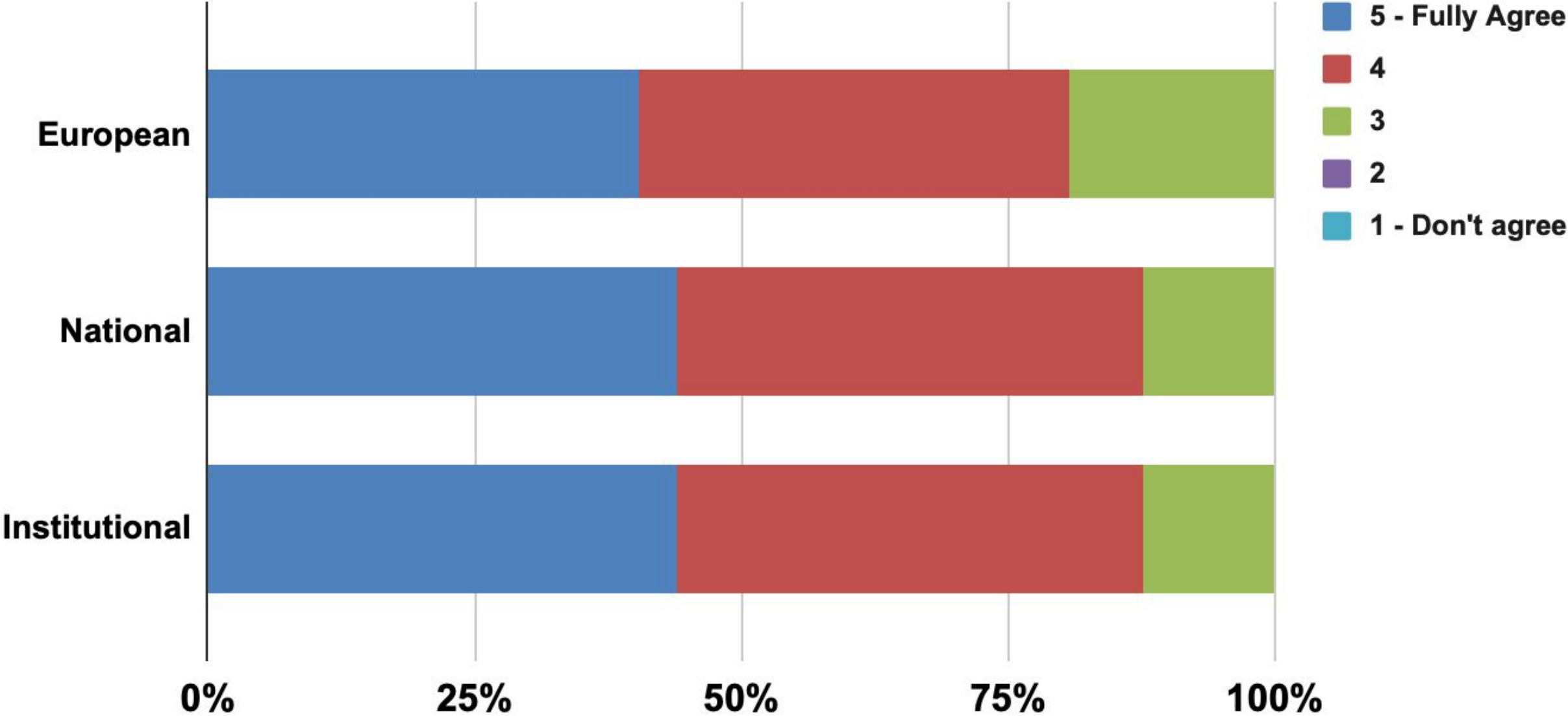
Number of comments: **652**

Additional feedback docs: **7**

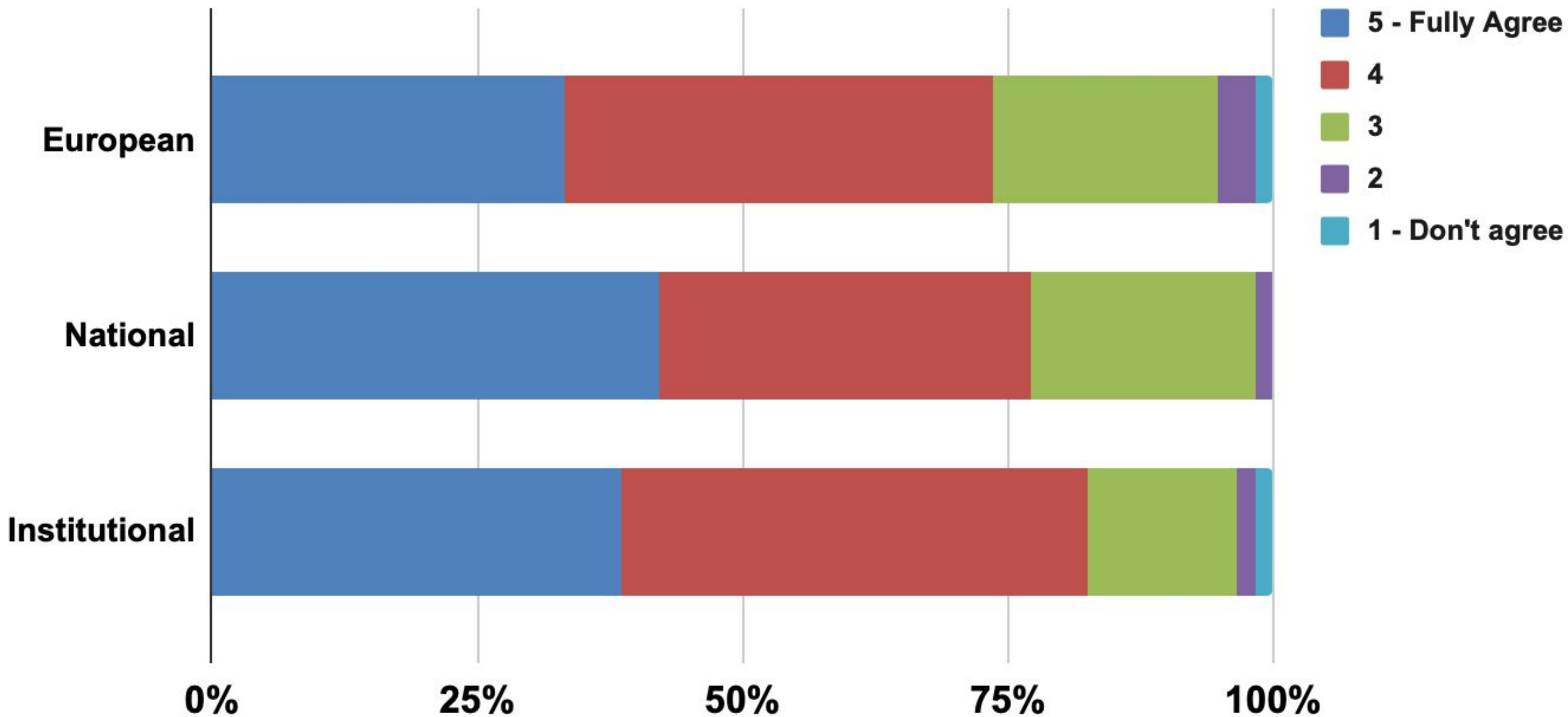
1. To what extent do you agree with the priorities suggested under Objective 1 for each level of implementation



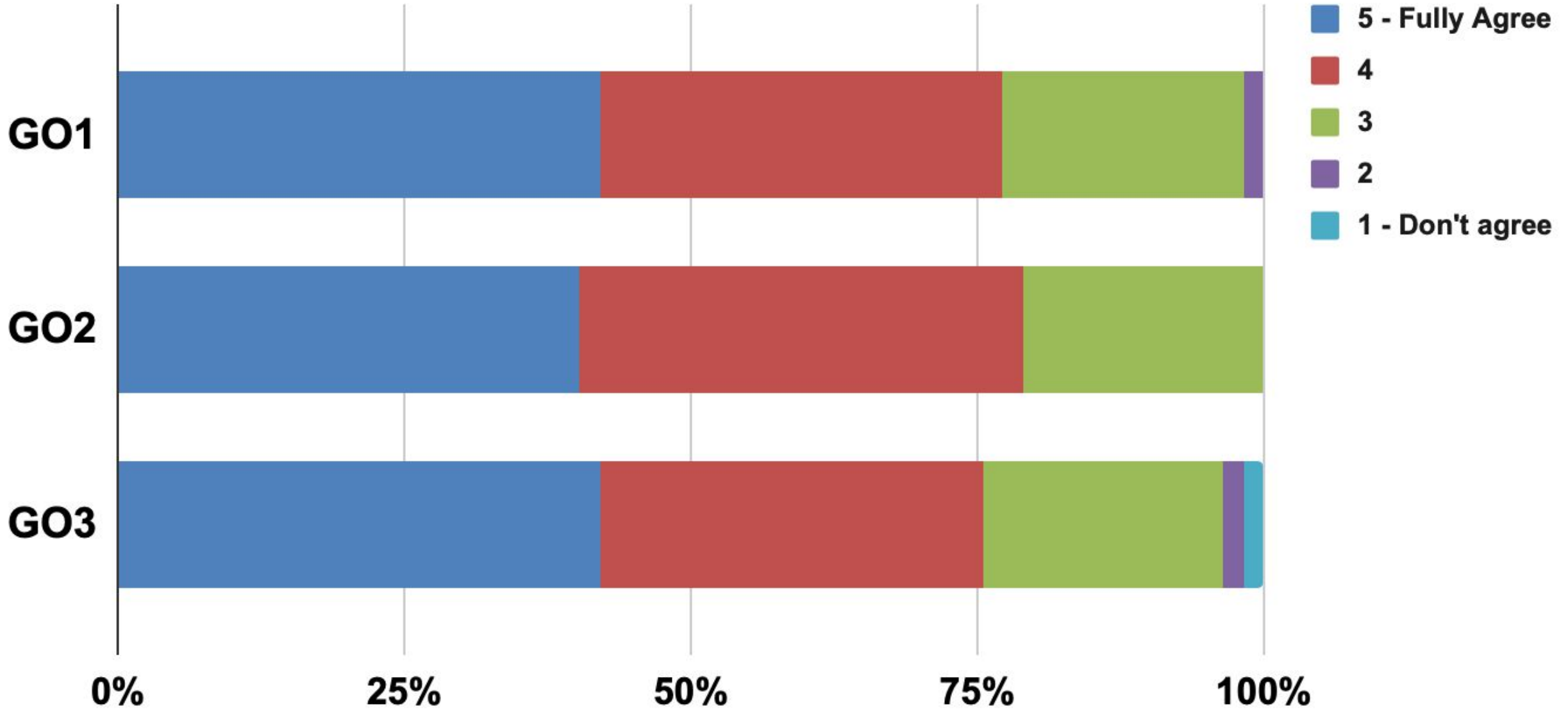
7. To what extent do you agree with the priorities suggested under Objective 2 for each level of implementation



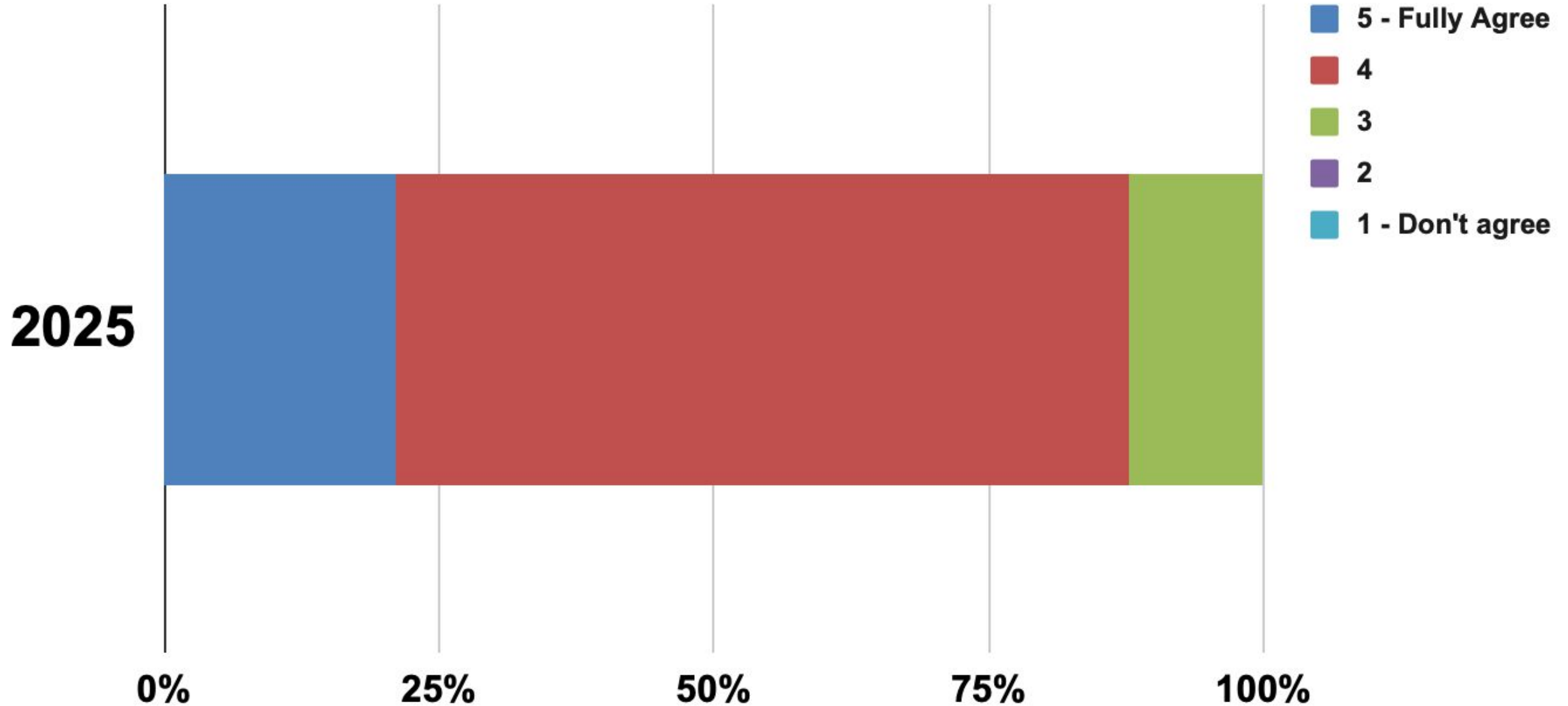
13. To what extent do you agree with the priorities suggested under Objective 3 for each level of implementation



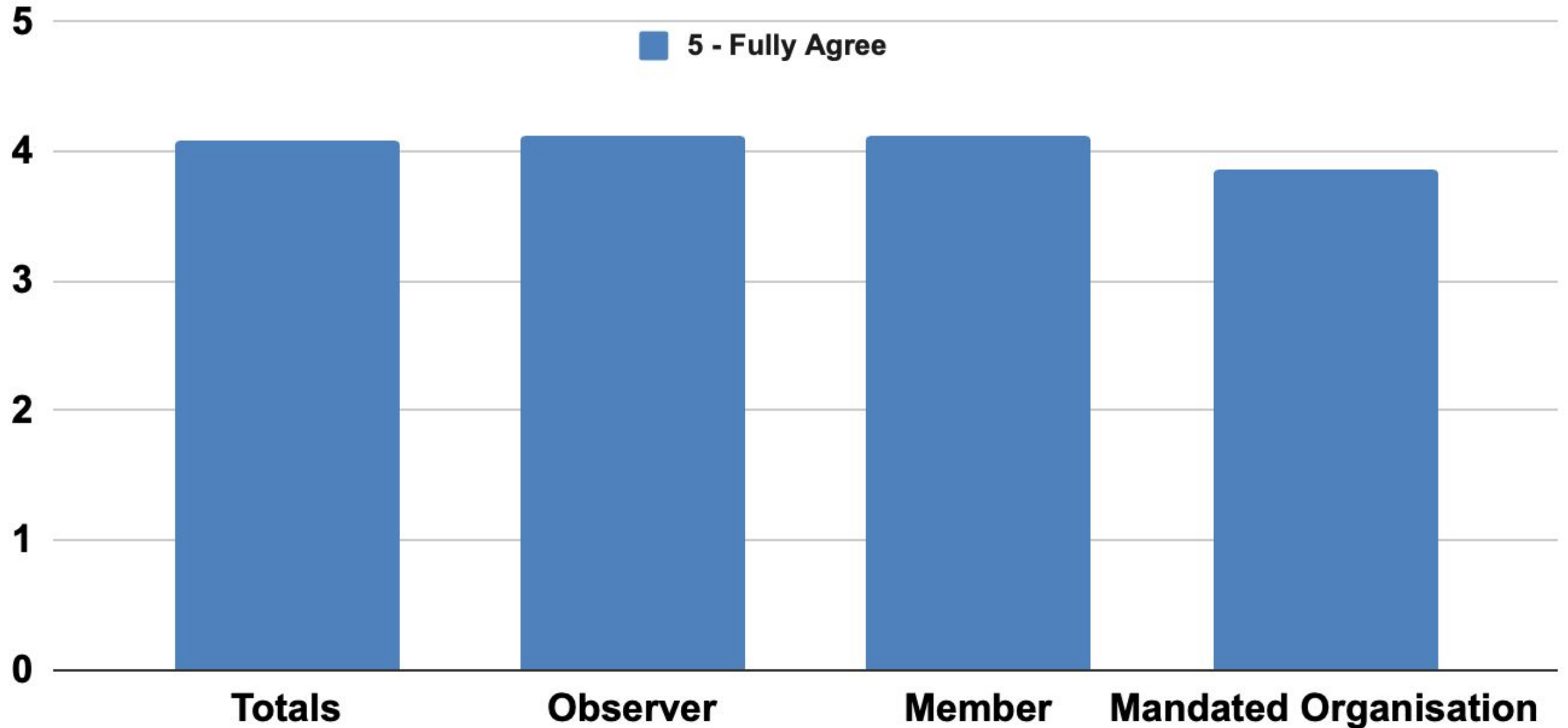
To what extent do you agree with the outcomes suggested for the General Objectives



19. To what extent do you agree with the priorities identified for 2025?



19. To what extent do you agree with the priorities identified for 2025?



eosc **Compilation of national priorities (2025-2027)**

- Aligning European curricula for data stewardship;
- Establishing cost of data management as eligible;
- Leveraging national Competence Centres;
- Showing use cases from the public sector;
- Promoting and sustaining and spreading the use of PIDs;
- Integrating widely used and adopted PIDs into national services;
- Supporting and incentivising the adoption, maintenance of open standards and APIs;
- Establishing and operating national or regional EOSC support for data and services;
- Adjusting national policies and regulations to enable cross-border resourcing models;
- Supporting NRENs and NGIs to ensure AAI is available to national research infrastructures;
- Acknowledging European and domain specific semantic artefact catalogues in national infrastructures and guidelines;

eosC **Compilation of institutional priorities (2025-2027)**

- Offering core Open Science, FAIR and CARE training to researchers and research support units
- Ensuring research support staff to have the required data stewardship skills;
- Engaging in competence centres and networks for data stewards, research software engineers, semantic artifact curators and Open Science communities to share practises;
- Adjusting research review mechanisms to ensure FAIR research outputs and Open Science are appropriately recognised;
- Implementing procedures to select research outputs that need to be preserved;
- Adopting PIDs into institutional services and incentivise usage of PID technologies;
- Supporting research communities to adopt standards and to increase adoption of FAIR practices;
- Support publishing semantic artefacts by institutional repositories or specific thematic repositories.
- Encourage sharing of quality assured software through institutional or thematic repositories;
- Encourage and support researchers to use infrastructures to be federated by EOSC;

EC request for a separate document

“Input and advice by the EOSC Association for the definition by the EC of call topics to be included in the Horizon Europe Work Programme 20xx”

- This document would provide additional details - in the form of bullet points - for the areas of interventions at European levels;
- It would be useful if such bullet points would address the following items (if possible):
 - The activities to be supported (scope)
 - The targeted outcome of each activity
 - An estimation of investment required to make a difference
 - The nature of the activity (most appropriate HE instrument)
- This document would not be included in the updated SRIA;
- The EC will decide what elements of this document best fit the scope of the PI or the WIDERA Work Programme

Priorities at European level for 2025

1. Create an aligned core part of the curricula for data stewardship for Europe and develop part of these curricula as core common denominators
2. Collect ongoing national best practices and case studies contributing to the development of EOSC as described in the SRIA.
3. Advance the technical specifications to support digital objects to be FAIR-by-design and evaluate viable options to adopt the concept of FAIR digital objects for operational data services.
4. Stimulate community-specific FAIR metrics and data quality constraints in harmony with the FAIR assessment model at international level, especially regarding the interoperability aspect.
5. Develop, prototype and test machine-actionable research data repositories and link them to the EOSC EU Node.
6. By the end of 2025 a sustainable initial EOSC Core should be up and running for this a user driven mechanism should be developed to determine a selection of most needed horizontal and thematic services.
7. Define the requirements for national / local / thematic EOSC nodes. Stimulate their development and those that may come from Research Infrastructures or other parties.
8. Support the outcome of the EOSC EU Node procurement; hand it over to the (interim) operating party; running and maintaining it; enhance it by 'onboarding' (pilot) nodes from countries / regions, domains, research infrastructures, etc.