



EOOSC-Pillar

Coordination and Harmonisation of National & Thematic Initiatives to support EOOSC

The past and future survey practices in the EOOSC community

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Looking back ...

- * Observation: need to measure but
 - * too many surveys
 - * low response rate
- * Question: how to overcome this dilemma?



Survey hurdles

- * GDPR
- * Internal university rules on communication
- * Covid periode
- * The academic year
- * Subject too abstract for the audience
- * E-mail black hole, distributing a survey by mail has a high percentage of non-responders



Survey take-aways

- * Define the survey's purpose: appealing / aligning with your daily work
- * The appropriate audience: Whose opinions do you need in order to achieve your objective?
- * Align different surveys, avoid duplication
- * Clear and precise language is key (jargon!) / Be specific
- * Publicise your survey before you launch, during the response time and once the analysis is complete
- * Provide the code you used for data analysis



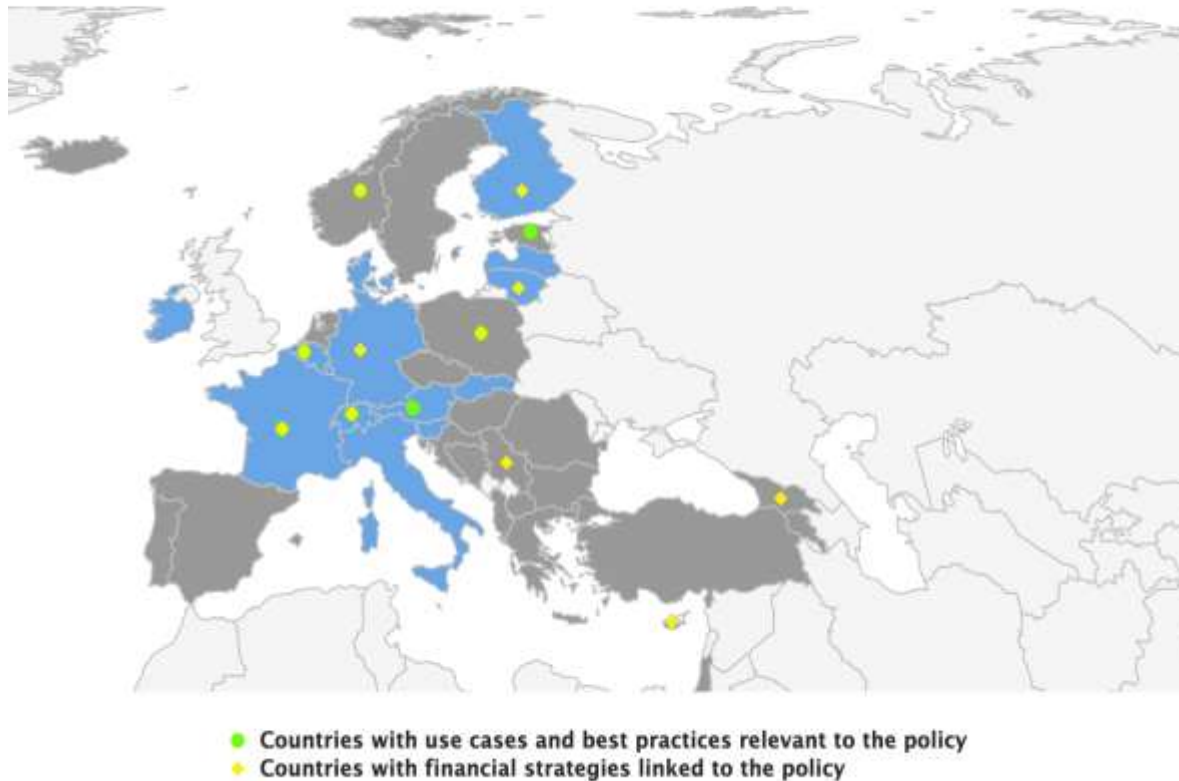
Future: EOSC observatory

- * EOSC Future project
- * first step in building an EOSC Observatory to support MS/AC and stakeholders in tracking the EOSC readiness and maturity of MS/AC and monitoring key developments for EOSC.



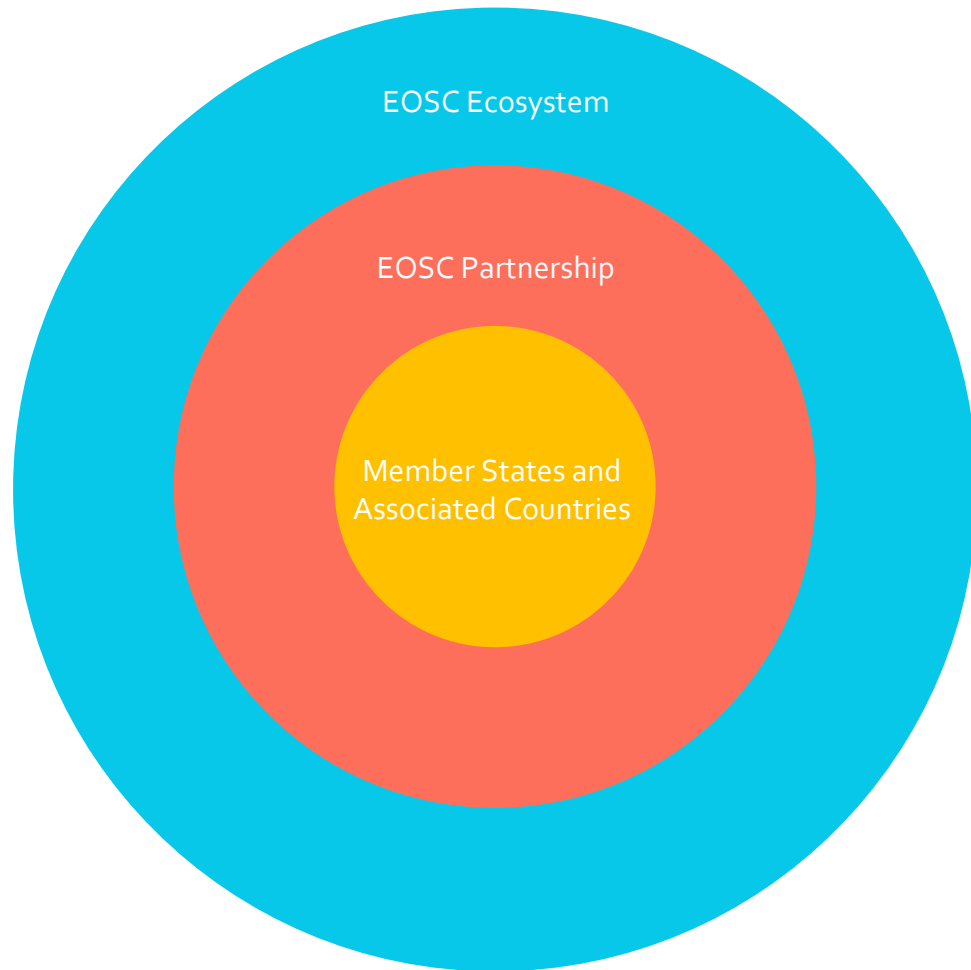
Policy Intelligence Tool

EOSC-relevant policies in place at national or regional level
Policy addresses FAIRisation of data



- Online dashboard to track policies, practices, and impact of EOSC and Open Science
- Survey tool to collect data in backend and interactive public dashboard to openly present data
- Support monitoring of EOSC readiness of EU MS/AC and (financial) contributions to EOSC
- Support alignment and development of policies and practices for EOSC with data, use cases, and mutual learning

EOSC Monitoring Domains



- Monitoring of EOSC readiness of Member States and Associated Countries by EOSC Steering Board
- Monitoring of contributions towards EOSC Partnership via (institutional members of) EOSC Association
- Monitoring of activities and contributions to EOSC at European and country level in EOSC ecosystem
- EOSC Observatory has initially focused on supporting EOSC Steering Board and will be extending support to other monitoring domains

EOSC-Pillar

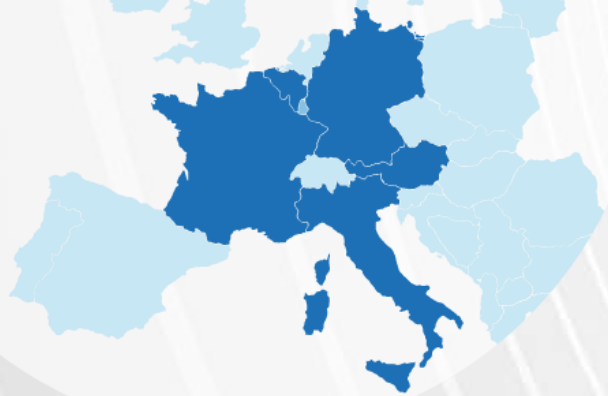
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Additional NIS results and questions for the audience



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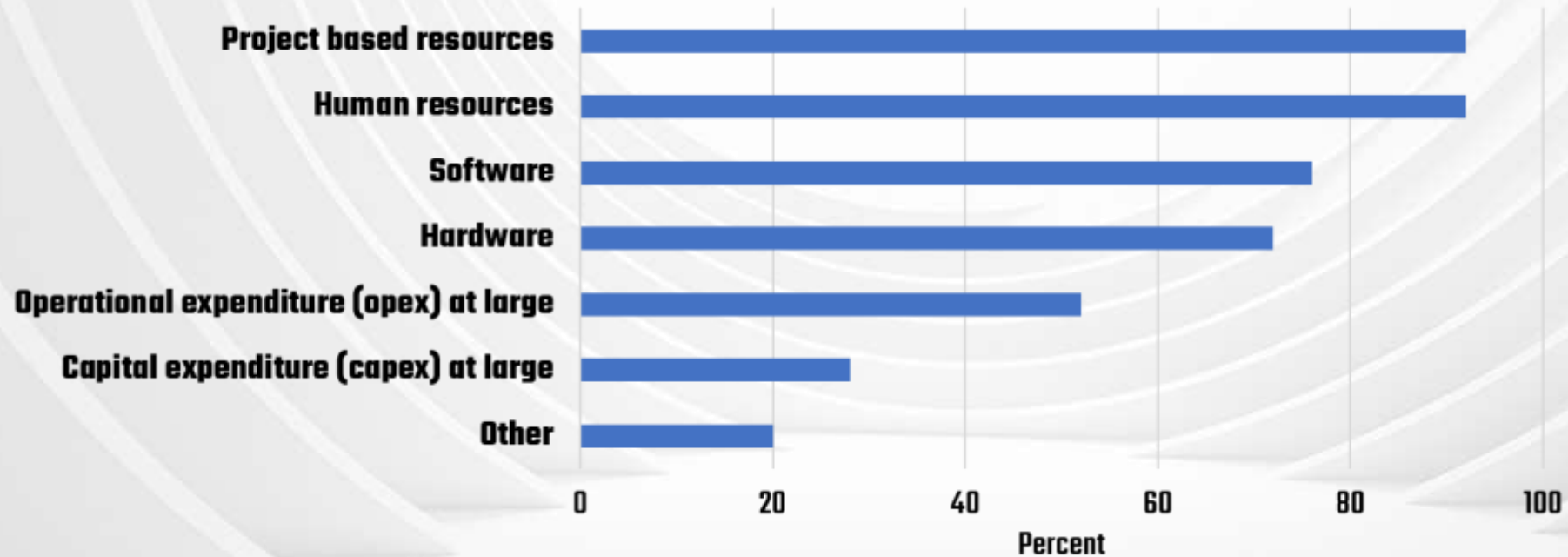




Business models



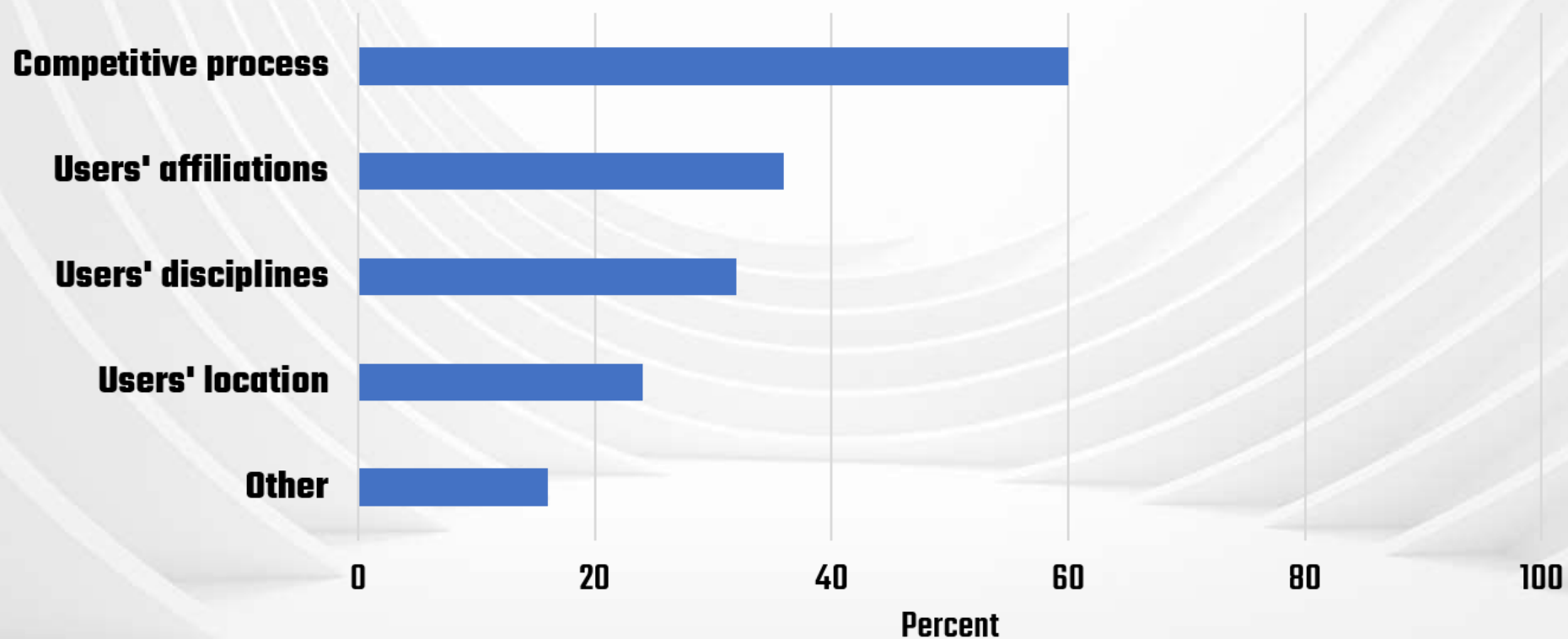
What funding bodies fund



Note: question was asked to funding bodies; multiple choice question; total percentages in all countries, N = 25.

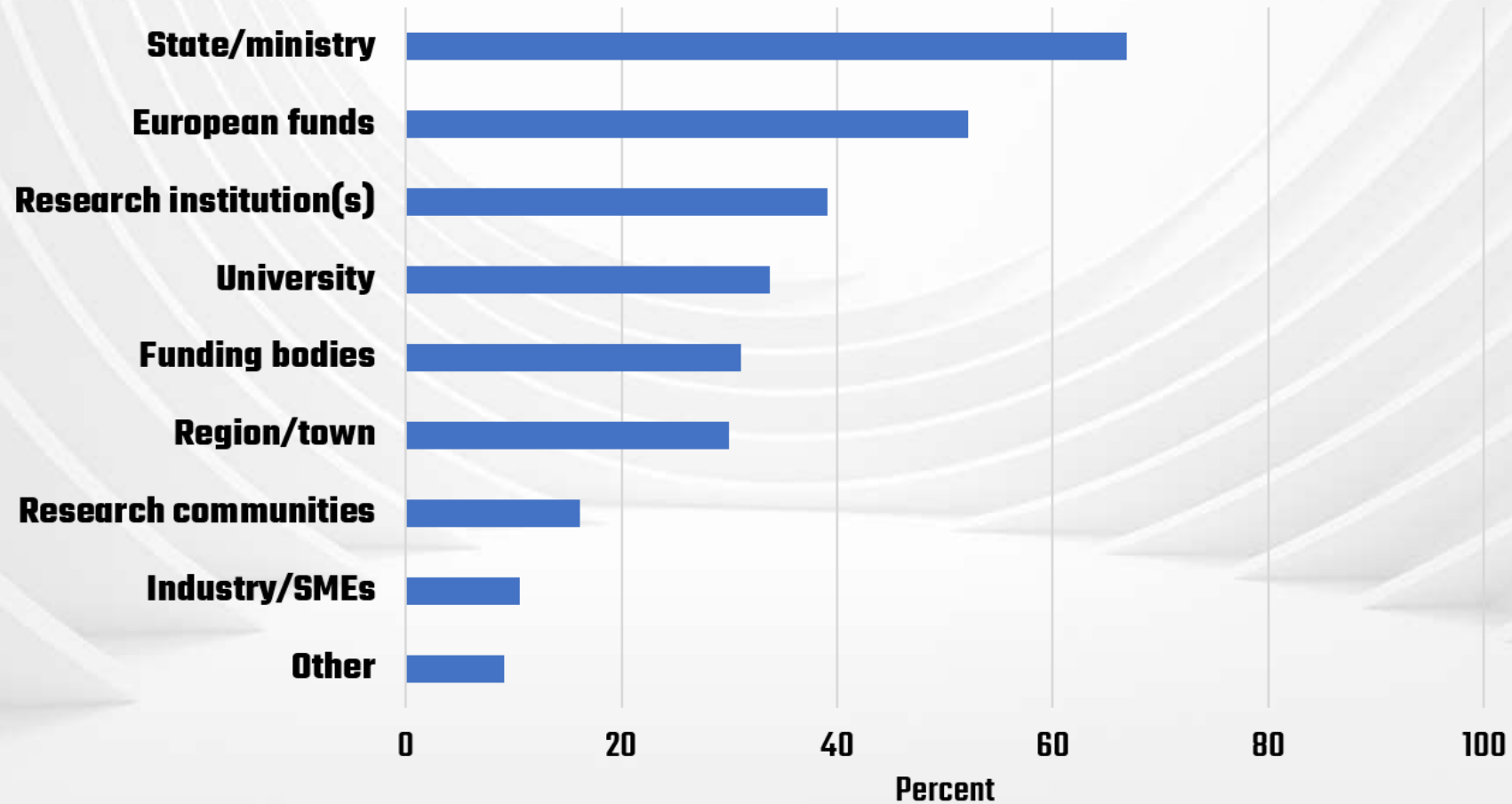


Rules for funding



Note: question was asked to funding bodies; multiple choice question; total percentages in all countries, N = 25.

Sources of funding for e-infrastructures & services providers



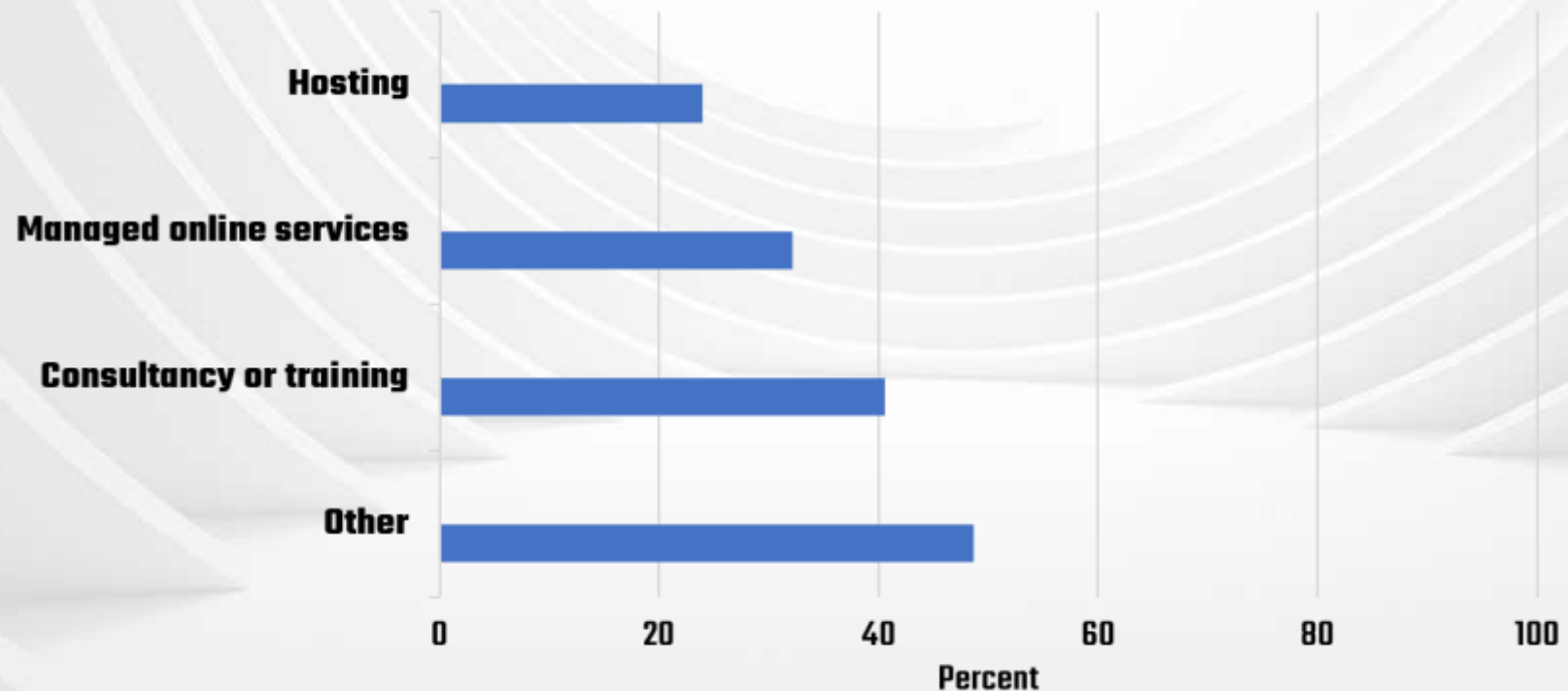
Note: question was asked to respondents representing **e-infrastructures**; multiple choice question, mean across all countries.



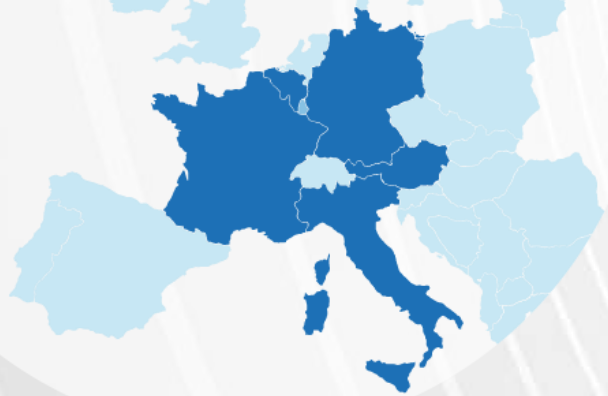
Own revenues of the e-infrastructures & services providers

* 37% acquire own revenues other than funding

* of these, the sources of revenues are:



Note: question was asked to respondents representing **e-infrastructures**; multiple choice question, mean across all countries.



Service level agreements (SLAs) and user support



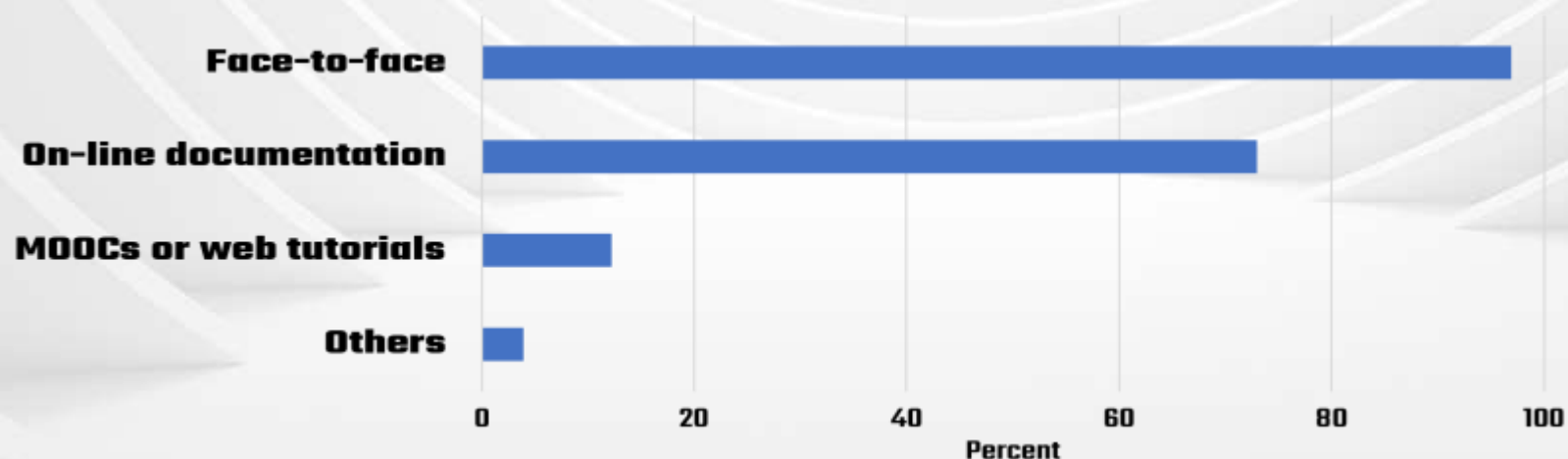
Service level agreements (SLAs)

- * SLAs are offered for some, or all services by about 1/3 of the e-infrastructures & services providers (and foreseen by 15%)
 - * mainly customized SLAs
- * About 20% of the e-infrastructures offer SLAs in the context of participation in a transnational organisation

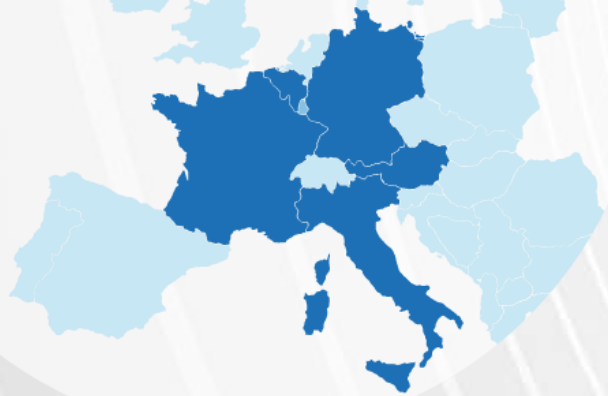


User support & e-infrastructures

- * more than 90% describe their services via a website
- * feedback from users collected by 80%
- * user training offered by 77%
- * types of training:



Note: question was asked to respondents representing **e-infrastructures**; multiple choice question, mean across all countries.



Access policies, privacy and legal aspects



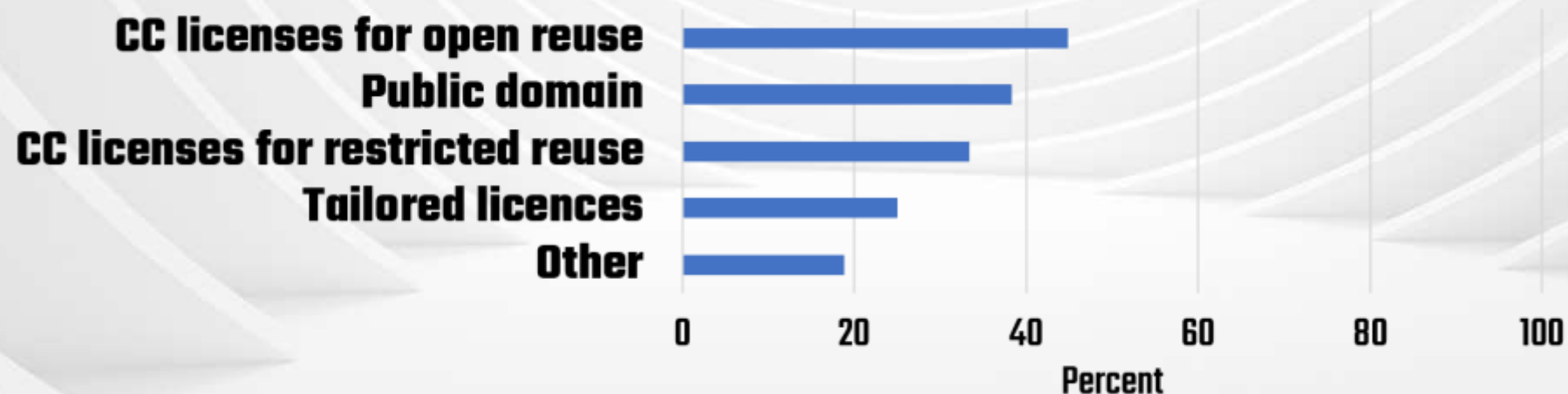
Access regulations and federation of services

- * access to data/services mostly via some sort of access control
 - * ~34% have no data access restrictions
 - * on average 42% use group membership to restrict access
- * > 60% have an access policy in place
 - * ~50% of those without access policy plan to adopt one in the next years
- * We asked data/service providers whether they need support for federating their services with EOSC
 - * ~ 31% need support
 - * ~ 37% don't know



Legal aspects: personal data and licenses

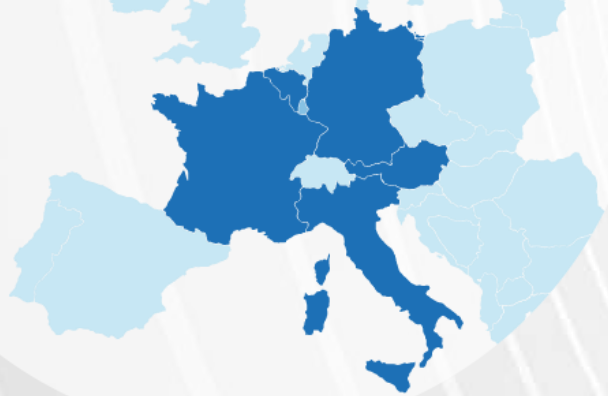
- * most data/service providers do not offer data containing personal data (< 25%)
- * Licenses used by repositories



Note: question was asked to respondents representing **e-infrastructures** who indicated that their organisation 'offer(s) data infrastructures which store and manage research data'; multiple choice questions; mean across all countries; percentages do not add to 100% as missings are not shown.

Policies

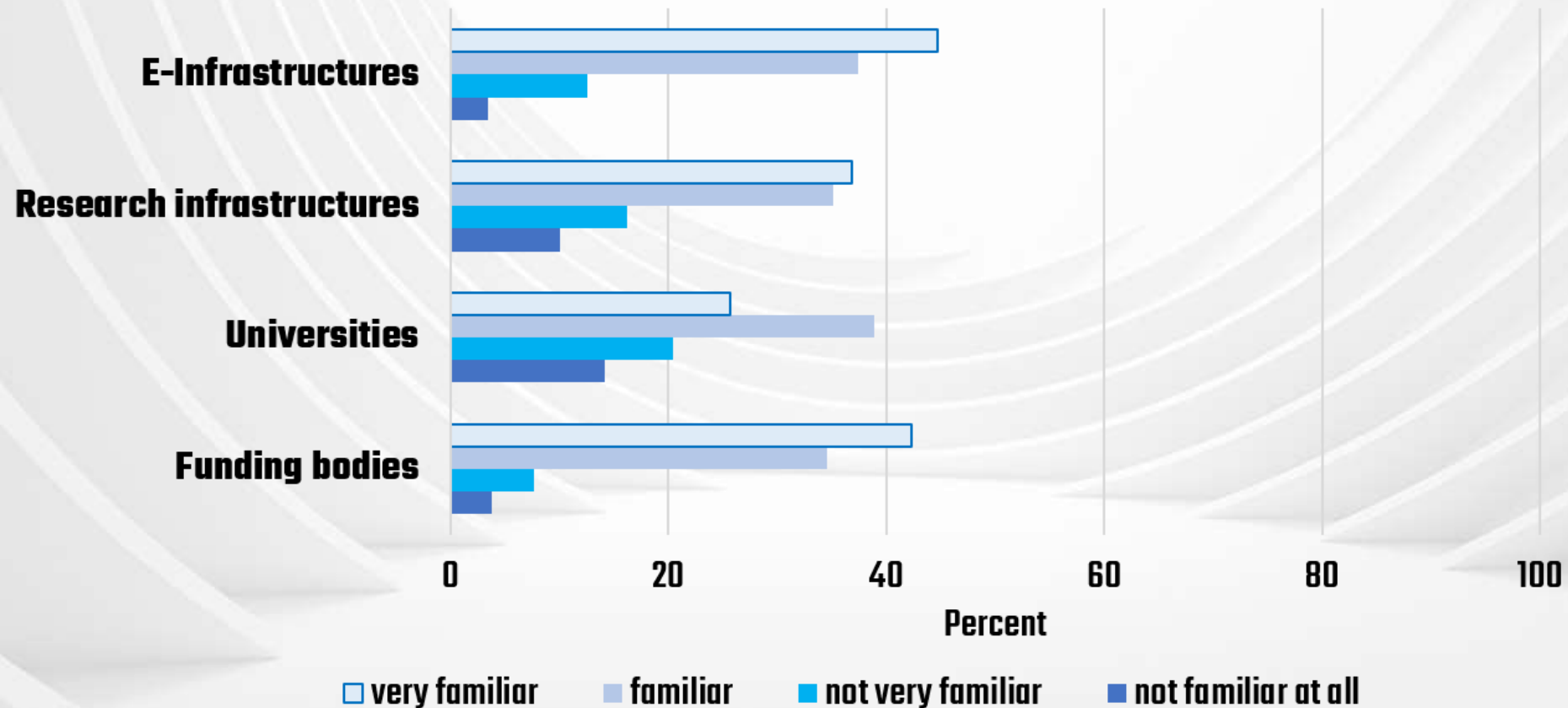
- * Percentages for written regulations and publicly visible policies (e-infrastructures)
 - * Research data management (RDM): 30%
 - * Open research (data): 35%
 - * Compliance of data to the FAIR principles: 18%
- * The numbers suggests that still 70 to 80% have no written regulations or publicly accessible policies on these topics!



FAIRness of data

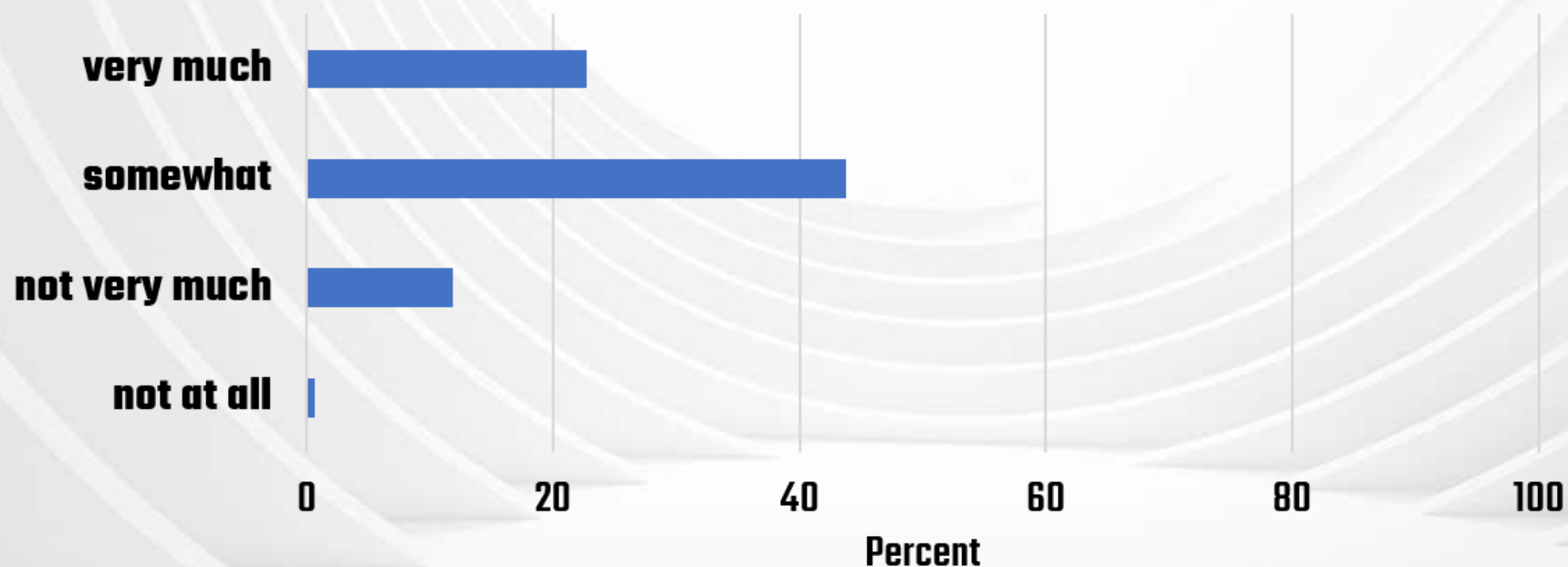


How familiar are you with the FAIR principles regarding data?



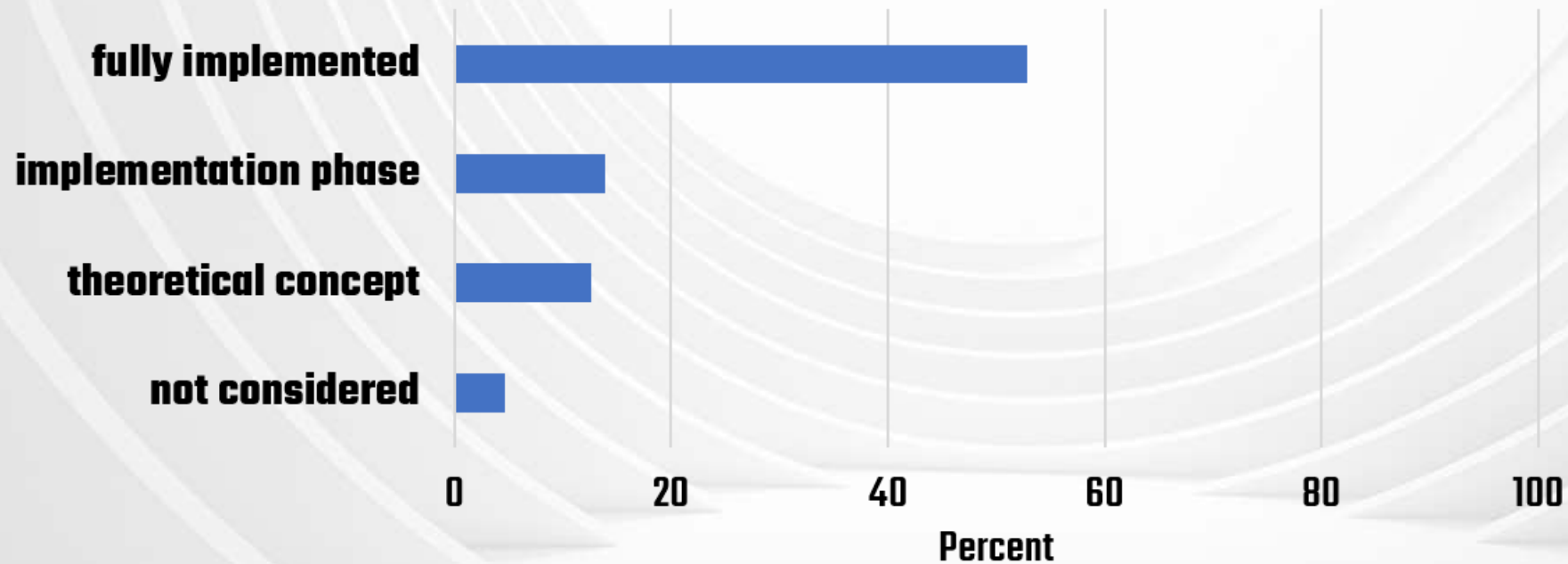
Note: total percentages for all countries, percentages do not add up to 100% as missings and residuals are not shown.

How FAIR do you consider your data holdings?



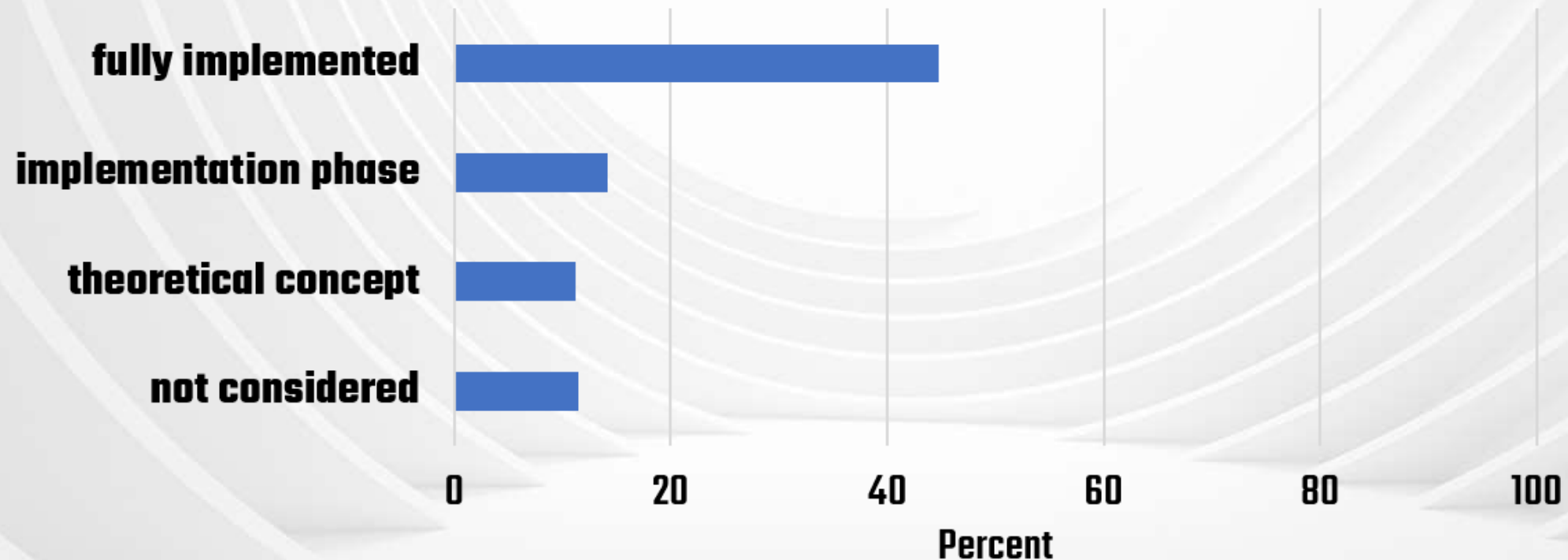
Note: question was asked to respondents representing **e-infrastructures** who indicated that their organisation 'offer(s) data infrastructures which store and manage research data' and who did not indicate to be 'not familiar at all' with the concept of FAIR data, mean across all countries; percentages do not add to 100% as missings are not shown.

Does your organisation provide a search feature for metadata?

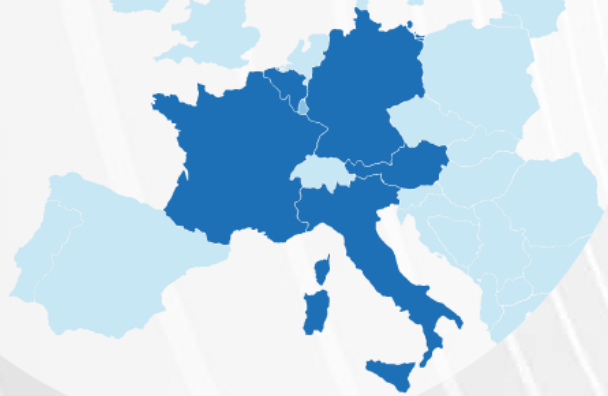


Note: question was asked to respondents representing **e-infrastructures** who indicated that their organisation 'offer(s) data infrastructures which store and manage research data'; mean across all countries; percentages do not add to 100% as missings are not shown; Source of question (adapted): Core Trust Seal (2018): Core Trustworthy Data Repositories Extended Guidance. available at: <https://www.coretrustseal.org/wp-content/uploads/2017/01/20180629-CTS-Extended-Guidance-v1.1.pdf>, last accessed: 7 November 2019, p. 24.

Does your organisation provide a data catalogue in a machine-readable format?



Note: question was asked to respondents representing **e-infrastructures** who indicated that their organisation 'offer(s) data infrastructures which store and manage research data'; mean across all countries; percentages do not add to 100% as missings are not shown; Source of question (adapted): Core Trust Seal (2018): Core Trustworthy Data Repositories Extended Guidance. available at: <https://www.coretrustseal.org/wp-content/uploads/2017/01/20180629-CTS-Extended-Guidance-v1.1.pdf>, last accessed: 7 November 2019, p. 24.



Services and their users



Services of e-infrastructures

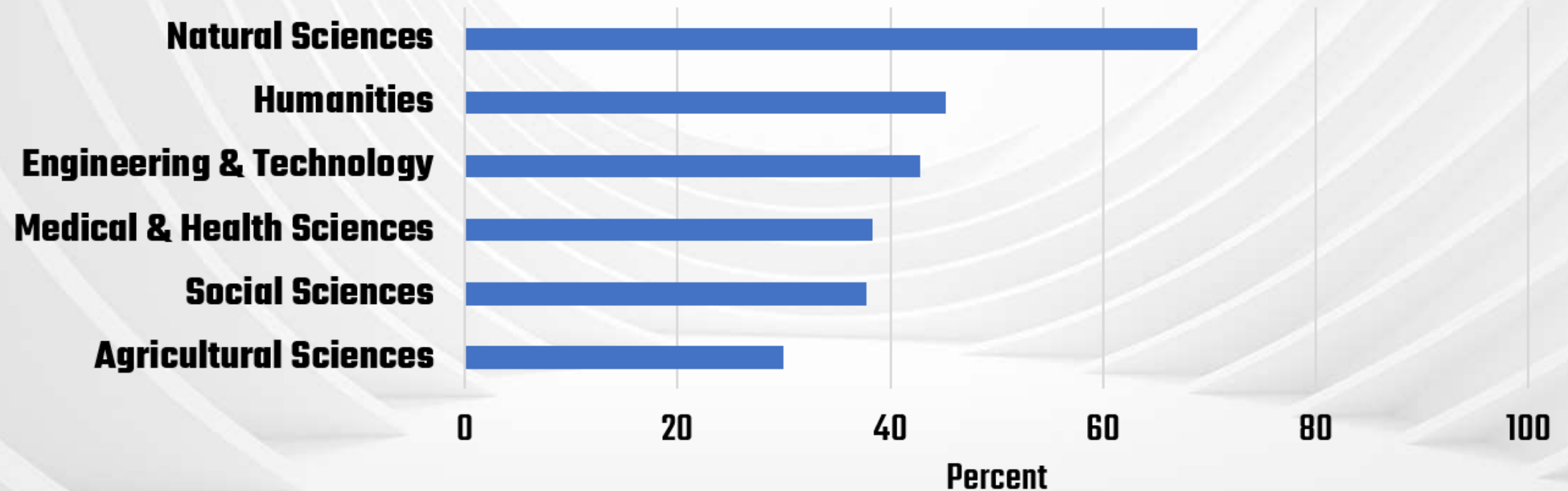
Which service(s) does your organisation provide to the research community?

- * We offer data infrastructures which store and manage research data:
253 "yes"-responses
- * We offer high-bandwidth networks which transport research data:
31 "yes"-responses
- * We offer high-performance computing which can be used to process research data:
69 "yes"-responses

Source of categories (adapted): European Commission (2016): European Cloud Initiative - Building a competitive data and knowledge economy in Europe, available at: <https://ec.europa.eu/transparency/regdoc/rep/1/2016/EN/1-2016-178-EN-2-1.PDF>, last accessed: 6 November 2019, p. 2.



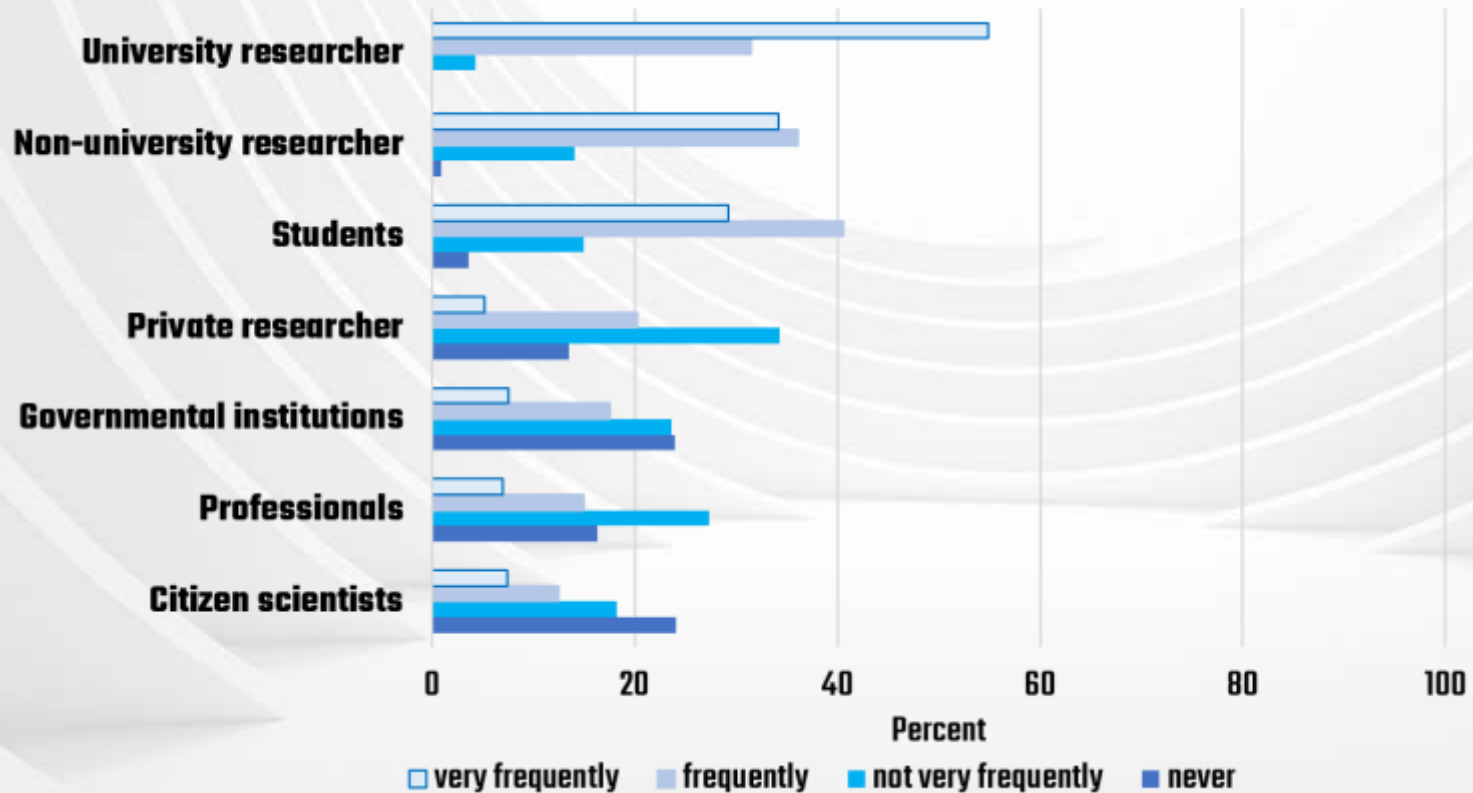
For which scientific discipline(s) does your organisation provide services?



Note: question was asked to respondents representing **e-infrastructures**; multiple choice question, mean across all countries; source of the categories (unchanged): Organisation for Economic Co-operation and Development (2007): Revised Field of Science and Technology Classification in the Frascati Manual; available at: <https://www.oecd.org/science/inno/38235147.pdf>; last accessed 6 November 2019.



How frequently do the following groups use your services?



Note: question was asked to respondents representing **e-infrastructures**; mean across five countries; percentages do not add to 100% as missings and residuals are not shown.