

The ESFRIs and RIs and the FAIR Expert Group

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ESFRI Workshop on RIs and EOSC

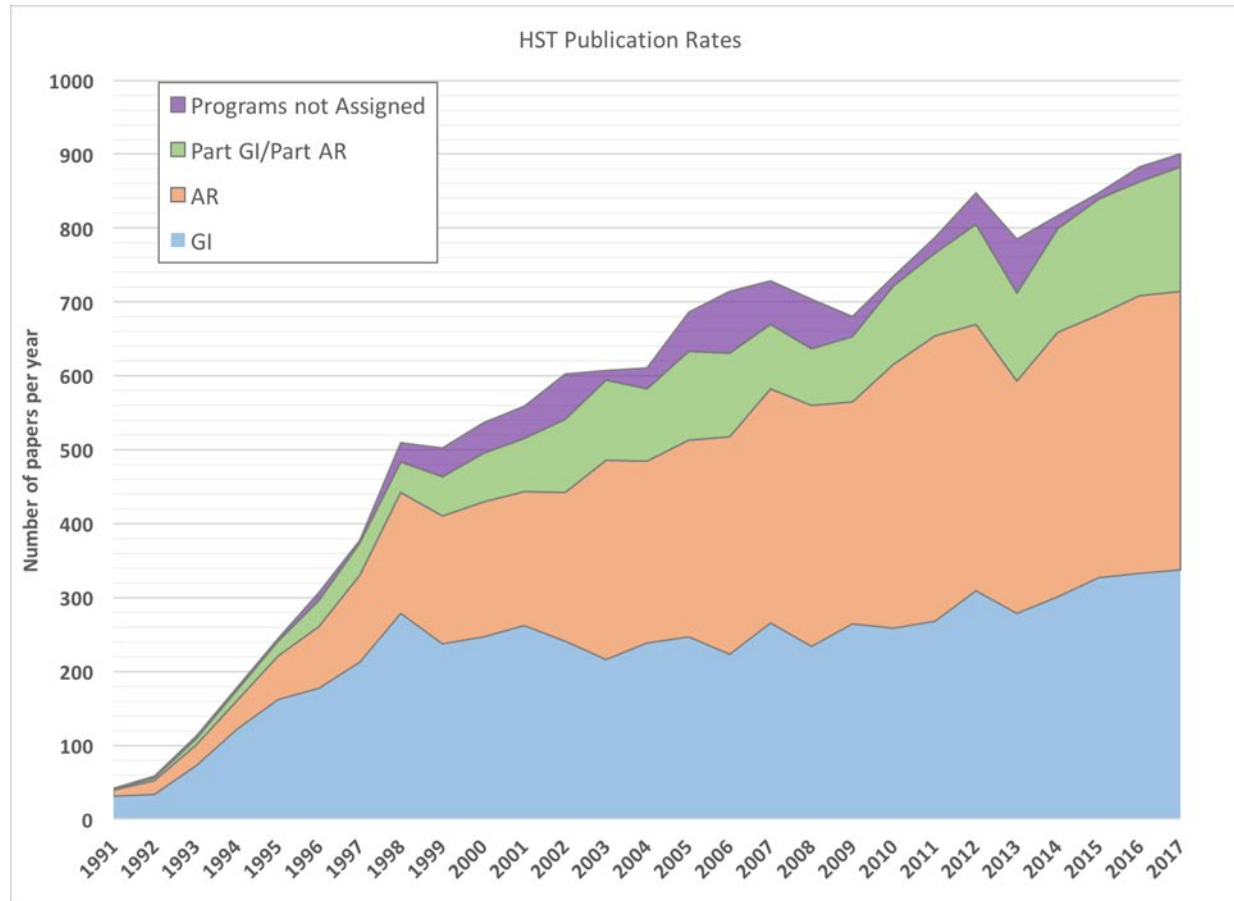
The RIs and FAIR (FAIR Data EG)

- Research infrastructures are major components of the FAIR data ecosystem – they provide data!
- We plead for **sustainable, strategic funding**, and the ESFRIs are emblematic in that respect
- ESFRIs are major national and European investments which gather large pan-European (/international) communities
- Cluster projects have a role to play to coordinate and fund relevant efforts

RIs/ESFRIs roles

- Some have data sharing at their core, e.g CLARIN, DARIAH, ELIXIR
- Many offer data services
- They propagate good practices in their communities
- They have things to gain
 - At policy level with the development of Open Science
 - « e-needs » questions in the ESFRI and national roadmap questionnaires already ask about data policies, data management plan, disciplinary data sharing framework, liaison with EOSC
 - Could refer more explicitly to the FAIR principles (#24)
 - FAIR sharing limits duplication, hence more efficient usage of the resources
 - Increased exposure and usage of their data > **Increased Measurable Impact**

Publications using Hubble Space Telescope data



Both

Archive

Guest
Observers

Among the recommendations relevant to the RIs

- Make their data and other relevant objects FAIRly available, except when legitimate restriction, eventually after an embargo period (#17). The cost should be covered in their budgets (#24)
- Participate in the definition of FAIR for implementation (#1)
- Participate in the definition of disciplinary interoperability frameworks (semantics, format, queries, etc) and of frameworks for interdisciplinary research (#4); provide elements for disciplinary-tailored DMPs (#5); participate in the discussion of FAIR metrics (#12) and of criteria for appraisal (#19)
- Provide elements of business models (#15), cost analysis (#18) and of processes for service retirement (#14)
- Implement DMPs (#5) and routine capture of metadata (#2), declare services in registries (#3), achieve certification and provide feedback (#9, #13), facilitate automated processing (#8)
- Implement data stewardship skills in the work force and disseminate best practices among users (#10)

The top requirement for RIs and EOSC

- Fulfill research needs
- #24: The Rules of Participation for EOSC must be based on the diverse mix of infrastructure and tools currently in use to enable service providers from all sectors to be part of EOSC.
- #24.2: The resulting Rules must be fit-for-purpose to enable existing data services and capacities developed by different communities to be exploited for best return on investment