

## ENVRI workshop



### **FINAL PROGRAMME | REGISTRATION | POSTERS & DEMOS | VENUE & ACCOMMODATION**

#### **ENVRI Workshop**

**Let's meet at:** 09:00 - 13:00, Room: Sintra | 25 Jan 2018

**Session Chairs:** Margareta Hellström, Lund University; Zhao Zhiming, University of Amsterdam

**Session Co-Chair:** Daan Broeder, Meertens Instituut

**You can't miss it** if you are an architect, a developer and/or an operator of data management services, infrastructures and virtual research environments. Specifically communities from ENVRIplus and EUDAT (including data pilots) initiatives are encouraged to attend.

#### **Objectives:**

The objective of the workshop is to provide a forum for different communities in ENVRIplus and EUDAT to discuss updated requirements for effective data management services and research support systems, to share development results and best practices, and to propose an agenda to move towards EOSC.

#### **More info on the session:**

The Horizon2020 cluster project ENVRIplus is one example of a collaboration between domain-specific Research Infrastructures (RIs) aimed at developing reusable solutions to address common challenges in managing research data. This approach is proving to be very successful, but cannot fully solve interoperability and sustainability issues.

As the European Open Science Cloud (EOSC) is now truly taking off, it is of great interest to gather relevant experts from the ENVRIplus community, e-Infrastructures and other technology service providers to discuss of how the services and other products being developed, for example in ENVRIplus will fit in this new EOSC landscape.

In the RI projects, IT service development and maintenance are known to be very important; however, their budgets are often very limited. In the meantime, existing software and tools developed by different RI communities are not yet fully exploited and reused. On the one hand, there are increased constraints on RIs and other "larger" (European) research projects to render whatever services they are developing themselves available to a larger audience - whether or not these research-related services are stand-alone or rather layered on top of basic services provided by e-Infrastructures associated with the EOSC. On the other hand, duplication of efforts on similar topics can still be observed in RIs due to limited readiness, visibility or interoperability of existing software.

A number of challenges have been identified, such as how to catalogue development results from different RI communities, assess their quality, identify gaps and promote standards for interoperability? Who are the key actors that need to be involved in order to ensure that these RI-produced services are consistently and effectively evaluated and their quality assured? How can sustainability, in terms of both operations and competence, be guaranteed, at least in a medium-long timeframe?

**Draft Agenda:**

09:00 - 09:10 Brief intro/summary of ENVRIPPLUS (Paul Martin - [Presentation](#))

09:10 - 09:20 Brief look at the environmental & earth science "landscape" and requirements (Maggie Hellström - [Presentation](#))

09:20 - 09:30 The ENVRIPPLUS service portfolio (Paul Martin - [Presentation](#))

09:30 - 10:30 Open discussion with audience on basic services needed for storage, cataloging, provenance and processing (all)

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