

WP3: Tools and services for software quality and FAIRness

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Kick-off Meeting

11-13 March 2024, Thessaloniki, Greece



Funded by the European Union

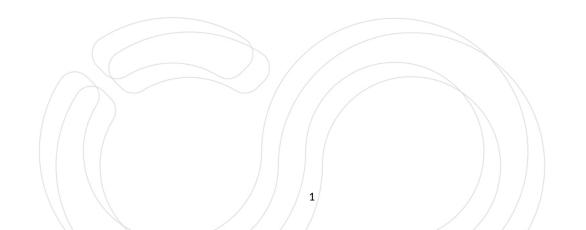
This project has received funding from the European Union's Horizon Europe Programme under GA 101129744 — EVERSE — HORIZON-INFRA-2023-EOSC-01-02



Icebreaker

Round table – quick presentation of everybody

In parallel, add where you are from: <u>https://padlet.com/thomas_work/where-are-you-from-</u> <u>rv2nxr2u7mk96eog</u>



Presentation title | Name Surname

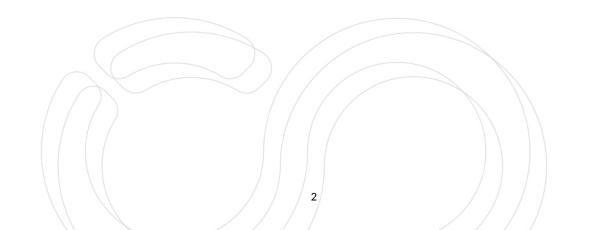


WP3: Some links

Grant agreement in owncloud: <u>https://warehouse.inab.certh.gr/index.php/f/3499428</u>

Rolling minutes: <u>https://warehouse.inab.certh.gr/index.php/f/3591471</u>

Indico: <u>https://indico.cern.ch/category/18101/</u>



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WP3: Overview and scope

Grant agreement in owncloud: <u>https://warehouse.inab.certh.gr/index.php/f/3499428</u>

Objectives

O3.1: To establish a technology watch identifying and gathering tools and services targeting scientific software, code, and workflows quality and FAIRness

O3.2: To assist the Science Clusters in measuring and improving software, code, and workflows quality and FAIRness globally by combining existing tools and services into common frameworks

This WP connects existing individual tools and services with developers and Science Clusters in three steps:

- 1. collecting existing tools and services for software (including all forms of executable code) quality
- 2. linking them in common pipelines or frameworks
- 3. integrating them with platforms used in the Science Clusters

This WP collaborates with the Science Clusters identified in WP4 that helps to shape the developed tools to their needs.

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WP3: Tasks

Task 3.1 (M01-M36): Technology watch for tools and services to assess, curate and improve scientific software, code, and workflows quality in the Science Clusters. Lead: SKAO, co-Lead: UEDIN

Task 3.2 (M07-M36): Consolidation of tools and services to ease their implementation and use in research communities. Lead: BSC, co-Lead: FAU

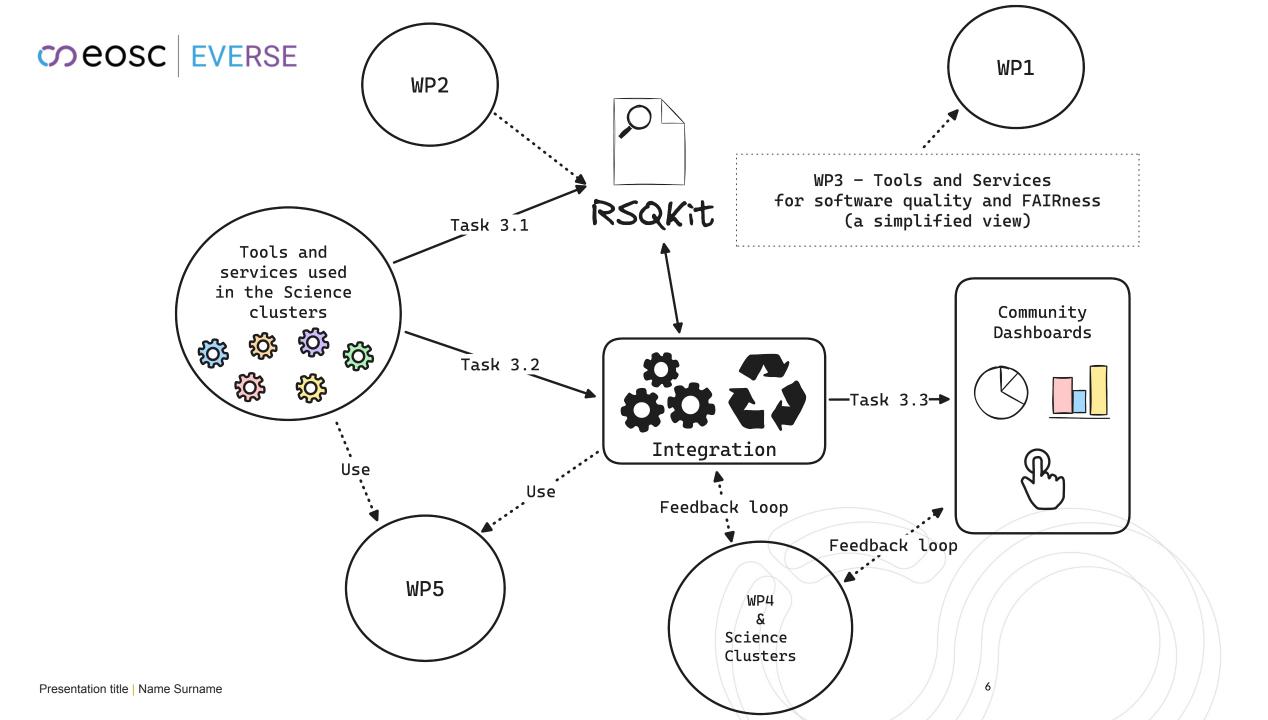
Task 3.3 (M07-M36): To provide the means to measure globally the software quality in the Science Clusters. Lead: NLeSC, co-Lead: UPM

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WP3: Expected interactions with other WPs

 Engage with the communities Provide resources on the tools and services through the RSQKit align tools with the best practices fill the RSQKit align tools with the software quality indicators and metrics gather existing tools and support to adopt them to the Science clusters adapt the tools to the clusters specific needs get feedback on the tools get feedback on the tools include tools in the training material 	WP1	WP2	WP4	WP5
	 communities Provide resources on the tools and services through 	practicesfill the RSQKitalign tools with the software quality	 services used in the Science clusters provide tools and support to adopt them to the Science clusters adapt the tools to the clusters specific needs 	 for software quality to assess training materials quality and FAIRness help improving the RSEs recognition by providing the means to assess their contributions to good quality research software include tools in the

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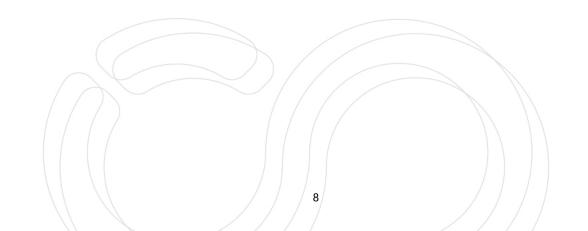
Deliverables/ Milestones	Name	Due Month	Lead
D3.1	First collection of existing tools and services usable in the Science clusters to assess, curate and improve software quality and FAIRness.	M09	HZDR
D3.2	Catalogue of RSQkit Tools for Assessing and Improving Software Quality and FAIRness	M18	NLESC
D3.3	Impact of Pipelines and Dashboards on Software Quality: Final Adoption Report	M36	CNRS
MS3.1	First evaluation of the tools and services in the form of a workshop against WP2 initial best practices (MS2.1) and recommendations to adapt these tools if necessary	M14	UEDIN
MS3.2	First version of a metadata framework for software quality indicators and of actionable pipelines based on community selected use- cases to assist software developers and maintainers assessing and improving software quality, metadata and FAIRness	M18	FAU
MS3.3	Dashboard prototypes demonstrating capabilities to track software quality and tested in the Science Clusters	M24	NLESC

Month	M03	M06	M09	M12	M14	M18	M21	M24	M27	M30	M33	M36
M/D			D3.1		M3.1	D3.2/ M3.2		M3.3		M3.4		D3.3
T3.1												
T3.2												
Т3.3												



Collaborative planning

Please fill the table in the minutes



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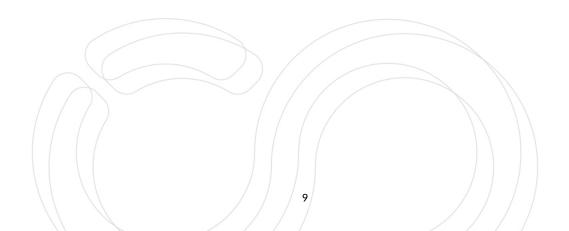
WP3: Implementation plan

The first 6-12 months

- Monthly meetings: status update of the whole WP3 + more regular task-focused meetings (in coordination with task leaders)
- ramp-up & recruitement phase (well on-going for all partners)

Task 3.1: Technology watch for tools and services to assess, curate and improve scientific software, code, and workflows quality in the Science Clusters.

- Github repository to catalog the tools and services, draft categories and classification
- Regular calls with presentations of tools, services, metadata, workflows and frameworks used in the science clusters
- Build a radar of tools
- Plan how to turn this into a long-term watch





Thank you!

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