

OSCARS: Taking scientific research to the next level



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Motivation

Open Science Clusters' Action for Research and Society (OSCARS) is a EU-funded project that will bring your research data to new audiences and target new use-cases. The FAIR (Findable, Accessible, Interoperable and Reusable) principles allow research data to be used in new and novel ways, with increased citations acknowledging the original researchers and facilities.

OSCARS builds on the EOSC (European Open-Science Cloud) science cluster's outcomes to support open science, by enhancing communication between the science clusters (WP1), improving the outcomes of the science clusters software and services (WP2), connecting this activity with other EOSC funded activities (WP3) and providing direct funding for open science projects (WP4).



WP1: Cluster Open Science Competence Centers

Aim

WP1 will establish a specific domain-orientated community-based competence centre for the science clusters' facilities. These competence centres will focus on the community's specific achievements and skills, addressing their scientific community's needs. This will encourage and strengthen intra-cluster collaboration, the sharing of best practices, software, services and strategy development.

Status of PaNOSC



Outlook

- ▶ Creating a roadmap for trainings
- ▶ Sharing material at <https://pan-training.eu/>

WP3: Testing and Widening Uptake

Aim

WP3 will build connections between OSCARS and other EOSC projects, task forces and related work. This ensures OSCARS benefits from existing work, aligns OSCARS activity with effort elsewhere, and increases the uptake of OSCARS outcomes. WP3 will also establish testing methodology to drive up the quality of the project's outcomes.

Status of PaNOSC

- ▶ mentoring framework for Open Calls
- ▶ user requirements from different communities

Outlook

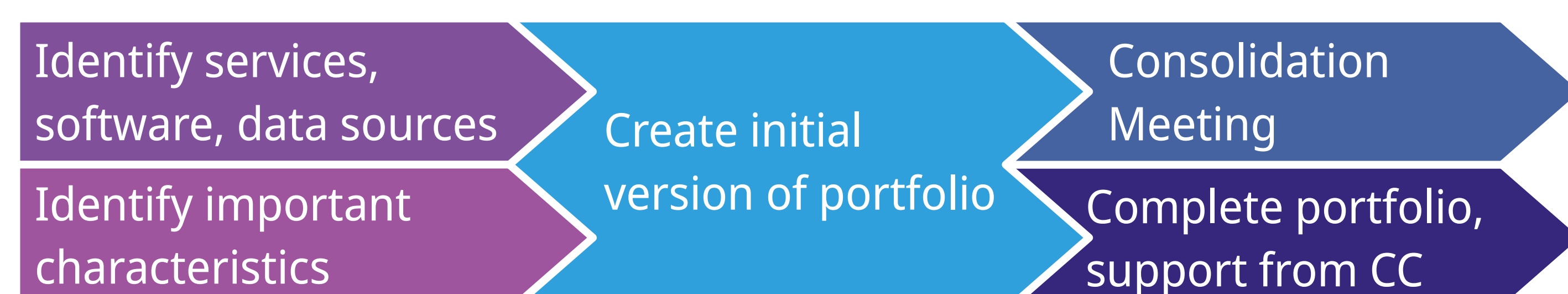


WP2: Composable Research Infrastructure Services

Aim

WP2 will create a catalogue of existing services, data hubs and analysis platforms of varying maturity and will identify how they might be composed, possibly when enhanced, to provide broader support for scientific investigation. This might involve services and software from different science clusters, breaking down barriers that prevent cross-domain research and allowing new research. OSCARS will enhance specific tools to show the benefits to researchers.

Status of PaNOSC



Outlook

- ▶ Analysing gaps, commonalities and composability options
- ▶ Realizing composition of existing services
- ▶ Advertising composed services

WP4: Management, Communication and Open Calls

Aim

WP4 oversees a funding programme, split into two rounds. Each call will be open for two months and will accept a wide range of proposals that target open science and the FAIR data environment. Successful proposals will be funded for 1–2 years, with a budget of 100–250 k€.

Status of PaNOSC

