



# PaNOSC & ExPaNDS Annual Meeting

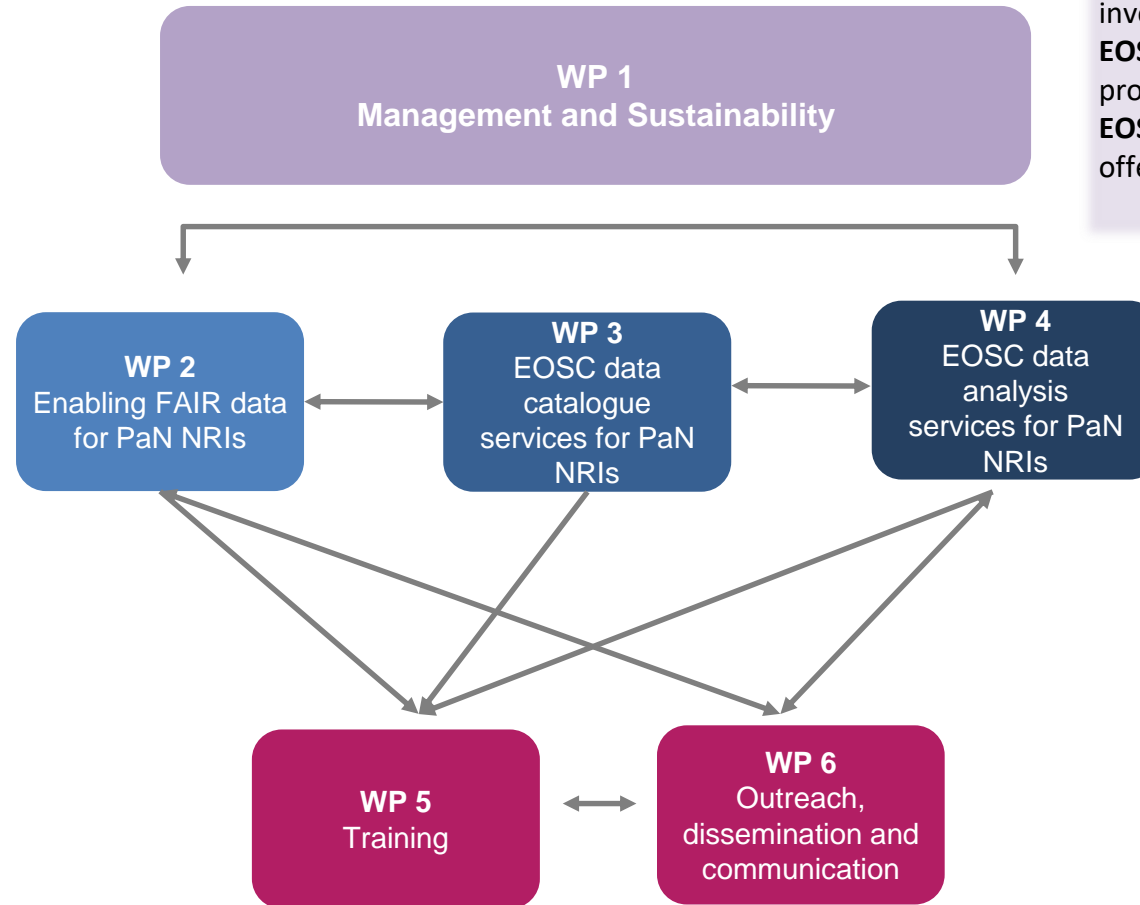
## Sustainability and engagement with other EOSC-related projects

11<sup>th</sup> November, 2020

Authors: Mirjam van Daalen and Valentina Piffer



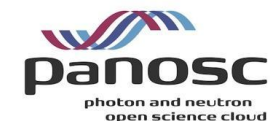
# ExPaNDS: Structure and Work Packages



WP1 closely engages with EOSC governance structures to ensure representation and sustainability for the national RIs, and will have direct involvement with other EOSC stakeholders in the **EOSC Liaison Group**. Throughout the ExPaNDS programme of work, the project will **liaise with other EOSC projects** and activities, seizing the opportunities offered by the community to build upon.



PaNOSC and ExPaNDS projects have received funding from the European Union's Horizon 2020 research and innovation programme under grant agreements 823852 and 857641, respectively.



# ExPaNDS & PaNOSC

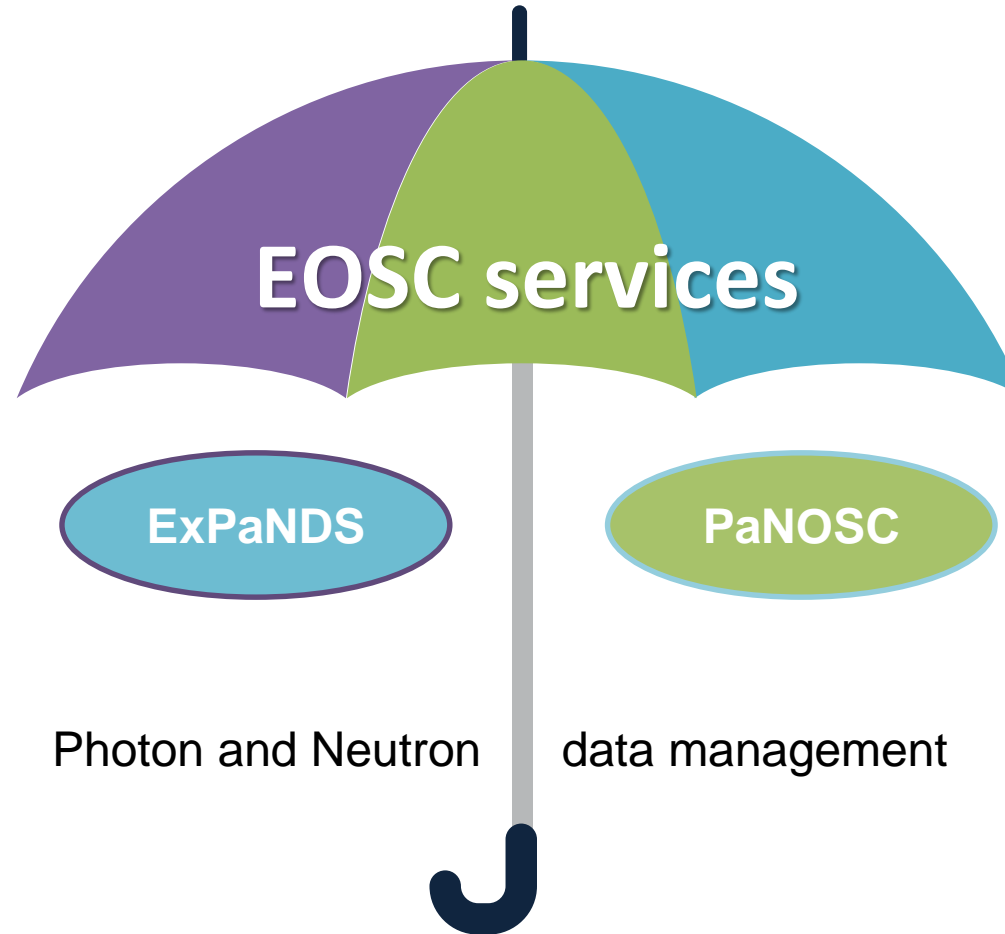
- ExPaNDS and PaNOSC have **similar goals and technical objectives** and a **collaboration** between the two projects is **vital for success**.
- Both ExPaNDS and PaNOSC will **build on existing** structures, national services for data catalogues and data analysis as well as EOSC core services (whenever possible), which enables the products **to be available for long-term use**.
- **The ExPaNDS project aims at deploying into EOSC data catalogues and data analysis services.**



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# ExPaNDS, PaNOSC & the EOSC



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# Task T1.3 Project Quality Assurance

## Lead Partner: PSI

**Objective:** to establish and enforce effective management and quality procedures that will result in high quality project deliverables.

1. Definition of a Quality Plan (tools, metrics), including specific measures to follow up the fulfillment of KPIs.
2. Encouraging and verifying that standards, procedures and metrics are defined, applied and evaluated.
3. Defining rules for professional software development applied by the work packages.

Definition of the process and procedures to:

- ✓ Assess the work and achievements of the different WPs,
- ✓ Review deliverables and reports,
- ✓ Verify fulfillment of milestones,
- ✓ Monitoring the risk and develop contingency plans,
- ✓ Monitoring ethics and gender equality.



## Project Quality Assurance and Progress Monitoring Plan

### Document Control Information

Settings	Value
Document Identifier:	D1.2
Project Title:	ExPaNDS
Work Package:	WP1
Document Author:	Mirjam van Daalen and Valentina Piffer (PSI)
Responsible Partner:	PSI
Doc. Issue:	4
Dissemination level:	Public
Date:	05.02.2020

### ABSTRACT

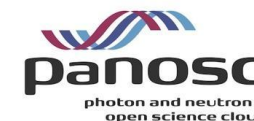
This document describes the quality approach for the ExPaNDS project.

The Project Quality Assurance Plan (QAP) defines the overall policies, the participant roles and responsibilities, the quality standards and procedures, the means of ensuring that all the activities (R&D activities, deliverable writing, etc.) are applied and evaluated in conformance with the contract provisions and specifications.

**D1.2 submitted in February 2020**



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# Task T1.6: Providing and monitoring work package sustainability plans

**Lead partner: PSI**

**Objective:** to provide general best practice recommendations to enable the project's work packages to make their work sustainable beyond the end of the lifetime of the project. Furthermore, the task is monitoring sustainability activities of the different work packages and provides advices in cases needed.

## Sustainability Policy Report



### Document Control Information

Settings	Value
Document Identifier:	D1.7
Project Title:	ExPaNDS
Work Package:	WP1
Document Authors:	Mirjam van Daalen (PSI), Valentina Piffer (PSI), Patrick Fuhrmann (DESY), Sophie Servan (DESY)
Responsible Partner:	PSI
Doc. Issue:	1
Dissemination level:	Public
Date:	18/03/2020

**D.1.7 submitted in March 2020**

### Abstract

This document describes the mechanisms and policies the ExPaNDS collaboration is envisioning to make the achievements of their activities available after the end of the project funding period.

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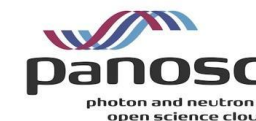
Date: 18/03/2020

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Doc. Issue: 1



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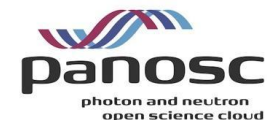


# ExPaNDS technical objectives that will ensure sustainability

- Enable EOSC services and provide coherent FAIR data services to the scientific users of PaN sources;
- Feeding into existing standardization initiatives (Research Data Alliance - RDA),
- Connect PaN NRIs through a platform of data analysis as a service for users from research institutes universities, industry etc.;
- Maintain and develop a catalogue of data and analysis software for PaN data;
- Gather feedback and cooperate with the EOSC governance bodies to improve the EOSC;
- Develop standard relationships between scientific publications, PaN scientific datasets, experimental reports, instruments, authors;



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# Sustainability of the ExPaNDS project

## How do we make the results sustainable?



by enabling national Photon and Neutron Research Infrastructures (PaN RIs) to make the majority of their data 'open' following FAIR principles and by harmonising their efforts to make their data catalogues and data analysis services accessible through the European Open Science Cloud (EOSC).



It is **directly connected to and influenced by the outcome of the “Sustainability WG”** of the **EOSC**.

The WG is delivering a set of recommendations concerning the Implementation of an **operational, scalable and sustainable EOSC** —→ ***Tinman Report (2019) + IronLady (2020)***



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# Sustainability of the ExPaNDS project

The following **KPIs** can guide the level of success in **making ExPaNDS sustainable**:

- The take-up in provisioning of ExPaNDS services by national PaN RIs in support of their science Programme;
- The successful integration of national PaN RIs data catalogues into the EOSC, measuring the number of users accessing the catalogues;
- The successful integration of national PaN RIs data analysis services into the EOSC, measuring the number of users processing data.



The work of ExPaNDS on sustainability will be **aligned to the findings of the "Sustainability WG" of the EOSC Executive Board**, of PaNOSC and of the other INFRAEOSC-5B projects on making all the components and FAIR policies **sustained**.





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# EOSC liaison

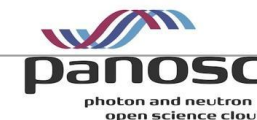
## ExPaNDS and 5bs - PaNOSC and cluster projects

### Contributions to EOSC governance outputs:

		
Landscape report	Feedback with 5b projects	Feedback during the presentation of the doc
Reports on sustainability	Tinman: no feedback from ExPaNDS IronLady: no feedback from either ExPaNDS or PaNOSC Interview with Fair forever (input to IronLady document)	
FAIR metrics + Draft PID policy	Feedback from WP2 on draft PID policy	
EOSC rules of participation	No feedback on v2020-03 - common feedback on v1.0?	
EOSC Interoperability framework	Looked at for WP3 status and roadmap, common feedback on update?	
EOSC glossary	Feedback from WP2	
EOSC Implementation Assessment Survey + EOSC SRIA	Shared feedback but different + common position paper on EOSC SRIA	



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## Thank you!

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