

# MAXIV ExPaNDS WP3 Status and Plan

## Prerequisites

- ✓ Data Infrastructure
- ✓ Facility Proposal Info
- ✓ Standard Data
- ✓ PID Issuer
- Data Policy
- ✓ Resources

## Choosing a Catalogue - SciCat

- ✓ Clear and agreed requirements
- ✓ Solutions researched
- ✓ Solutions tested
- ✓ Decision

## Minimum Product for metadata catalogue

- ✓ File Ingest
- ✓ Authenticated data access
- ✓ Domain agnostic metadata
- ✓ PaN API
- Stability

## Facility integration status

- 10% < 25%
- 25% < 50%
- 50% < 75 %
- 75% < 100%

## EOSC Integration

- Federated access to data
- OAI-PMH implemented
- Harvesting by EOSC services
- EOSC Services access
- EOSC statistics



## PaN specific Implementation

- Domain metadata ingest
- Raw and derived data catalogued
- Data provenance
- Calibration data
- Link to external PIDs (such as instrument, ORCID, Organisation, sample ...)
- Link to publications
- eLogBook data

## Future plans

- ▶ Continue working on the data policy
- ▶ Integrate more beamlines
- ▶ Elogbook
- ▶ Perform FAIR evaluation
- ▶ Set up production environment
- ▶ Work on EOSC integration