

PAHN-PaN: Cross Section Topic B: Services

Workshop | PAHN-PaN
26 September 2019, Kassel

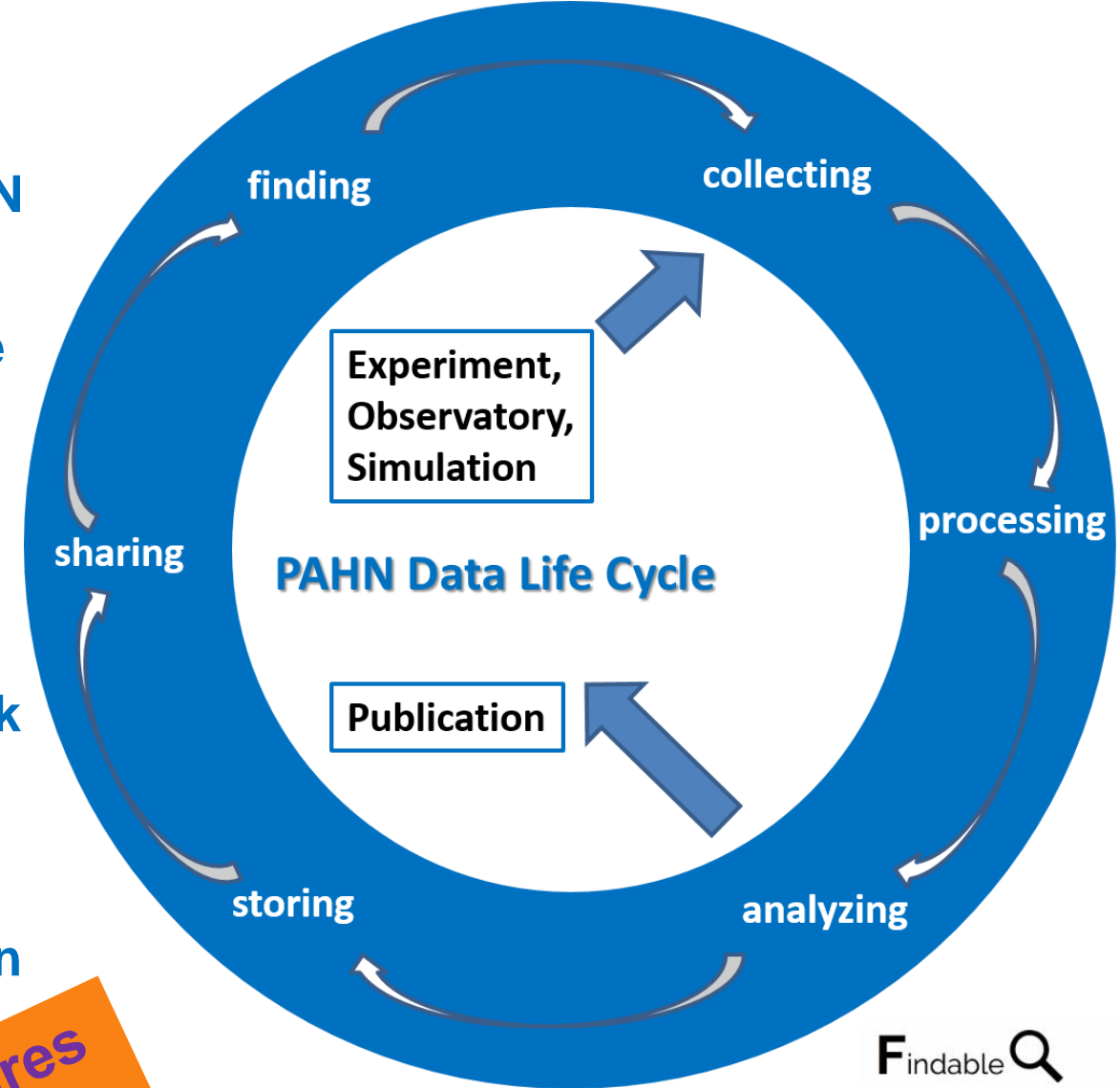
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CCTB - Intro

- **GOAL** = foster/build/provide services for PAHN Data Management and NFDI
 - Where possible, common standards should be established to foster interoperability (FAIR)
 - CCTB will start with Services from within the PAHN community which have the potential to be of general interest, also for the NFDI
 - Later on Services coming from the various Task Areas which are of general interest will be integrated
 - CCTA – Synergies and the Cross Community Cooperation Board will have an integral part in integrating these services
1. Connection to other TAs
 2. Connection to PAHN physics
 3. Connection to other Consortia
 4. Relevance for NFDI

→ Requires dedicated manpower



Findable
Accessible
Interoperable
Reusable

CCTB: Work Packages

1. Authorisation and Authentication

- DESY
- Münster

2. Distributed Computing & Cloud interfaces

- DESY
- KIT
- GSI
- Münster

3. Catalogues and Databases

- KIT
- Jülich

4. Storage and data transfer services

- DESY
- GSI

5. Future Technologies

- GSI
- KIT

TA2: Deliverables

Services from the communities and service developments coming from the Task Areas
The services must be of general interest for PAHN-PaN and the NFDI

- 1. Compute & Storage Cloud**
 - 2. data base for Lattice Data & meta data**
 - 3. Cloud services as training interface**
 - 4. distributed optimisation**
 - ...
 - ...
 - ...
- **new services coming from the Task Areas**

TA2: Risks and Mitigation

1. providing services for the NFDI is one of the core competences of each consortium
 1. not being able to provide services of general interest is therefore a significant risk
 - ...
2. it is essential to identify services which we can provide and we also need to provide the corresponding infrastructure in order to be able to identify these services (CCTA and Cross Community Cooperation Board, ...)
 - ...
 - ...
 - ...

CCTB: Budget Plan

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CCTB	3,5	3,5	4	4	4	19
B.1	0,5	0,5	0	0	0	1
DESY	0,25	0,25	0	0	0	0,5
Münster	0,25	0,25	0	0	0	0,5
B.3	0,75	0,75	0,75	0,75	0,75	3,75
KIT	0,25	0,25	0,25	0,25	0,25	1,25
Jülich	0,5	0,5	0,5	0,5	0,5	2,5
B.2	1,5	1,5	1,75	1,75	1,75	8,25
DESY	0,5	0,5	0,5	0,5	0,5	2,5
GSI	0,5	0,5	0,5	0,5	0,5	2,5
KIT	0,25	0,25	0,25	0,25	0,25	1,25
Münster	0,25	0,25	0,5	0,5	0,5	2
B.4	0,75	0,75	1	1	1	4,5
DESY	0,25	0,25	0,5	0,5	0,5	2
GSI	0,5	0,5	0,5	0,5	0,5	2,5
B.5	0	0	0,5	0,5	0,5	1,5
GSI	0	0	0,25	0,25	0,25	0,75
KIT	0	0	0,25	0,25	0,25	0,75

TA2: Next Steps

- providing and including outstanding text fragments (outstanding e-mails will be processed within the next days)
- What we are providing/delivering to NFDI, ErUM-Data, EOSC,...?
 - ...
 - ...
- Who is doing what?
 -
 -
- How to write coherent proposal?
 - Include further text (work) parts
 - Examples for Backbone Use
 - ...
- And still:
 1. Connection to other TAs
 2. Connection to PAHN physics
 3. Connection to other Consortia
 4. Relevance for NFDI