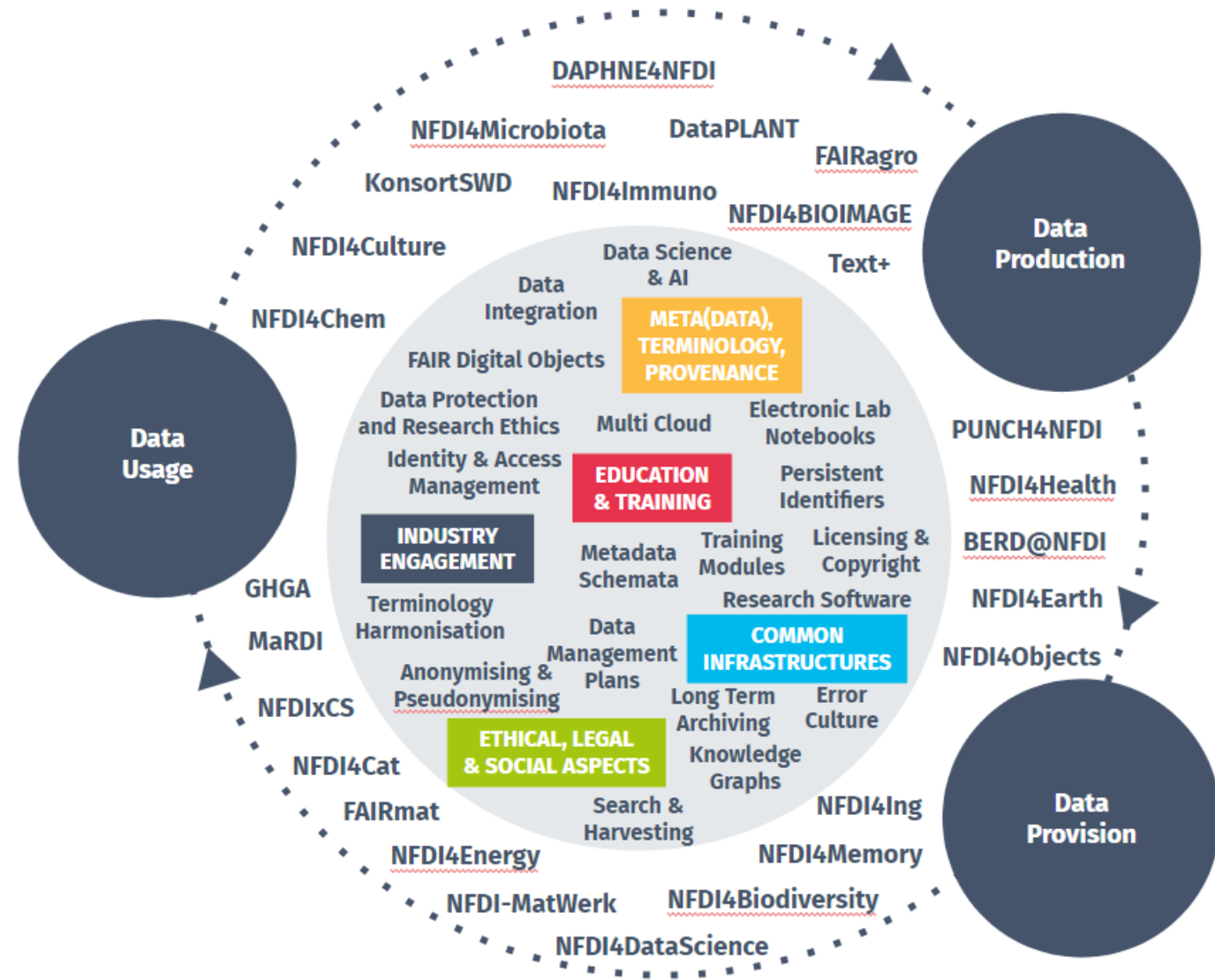


# IAM4NFDI Incubator process

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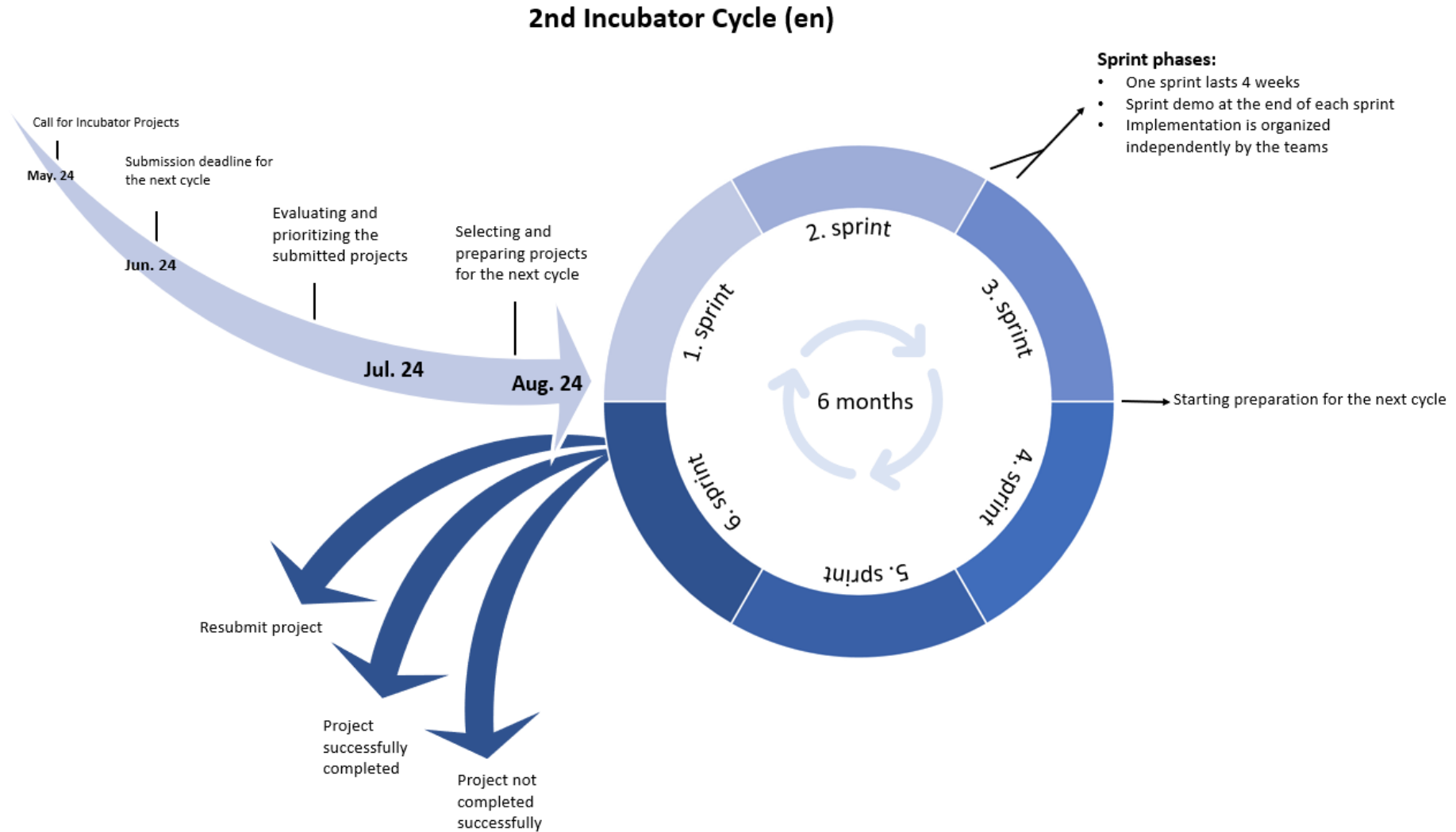
# IAM4NFDI

## Work packages

- WP1: Policy, Governance, and Legal Aspects (Lead: DFN, RWTH)
- WP2: AAI Architecture and Implementation (Lead: KIT)
- WP3: Incubator (Lead: RWTH)
- WP4: Operations (Lead: GWDG, DAASI)
- WP5: Dissemination, Training, and Community Engagement (Lead: RPTU)

# IAM4NFDI

## Incubator process (Example)



# IAM4NFDI

## Summary of the first incubator cycle

- Diverse requirements
  - 7 x Consulting incubators
  - 4 x Development incubators
  - 2 x require fundamental rewriting
  - 2 x moved to 2. Round, since technical requirements are not fulfilled
- Coverage
  - All CAAI Solutions have at least one “customer”
  - 7 projects had to decide on a CAAI solution
  - Coverage is >14 (50%) of all NFDI consortia

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## Incubator process (2. cycle)

- Providing of a template
- Applications can be submitted until the 30<sup>th</sup> of June
- Review of all submitted applications and internal discussions on 2<sup>nd</sup> July
  - Preparations of questions
- Presentation of all applications by the applicants on the 11<sup>th</sup> July
  - Questions for the applicants
- Followed by a final internal discussion
- Publication of the discussions

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## Incubator process (2. cycle)

- Overview of the template
  - Takes ~ 20 - 30 min to complete
  - Participants, project team stakeholder
  - Project details
    - Description
    - Goals and definition of done
    - Chosen Solution
    - Risks and sustainability

## IAM4NFDI

Incubator process (2. cycle)

Short reminder:

It's a team effort! Both sides  
need to work together.

# Incubator Process

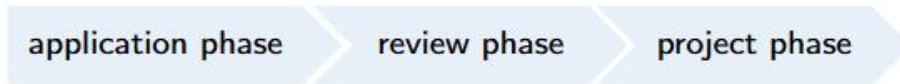
## An example



# IAM4NFDI

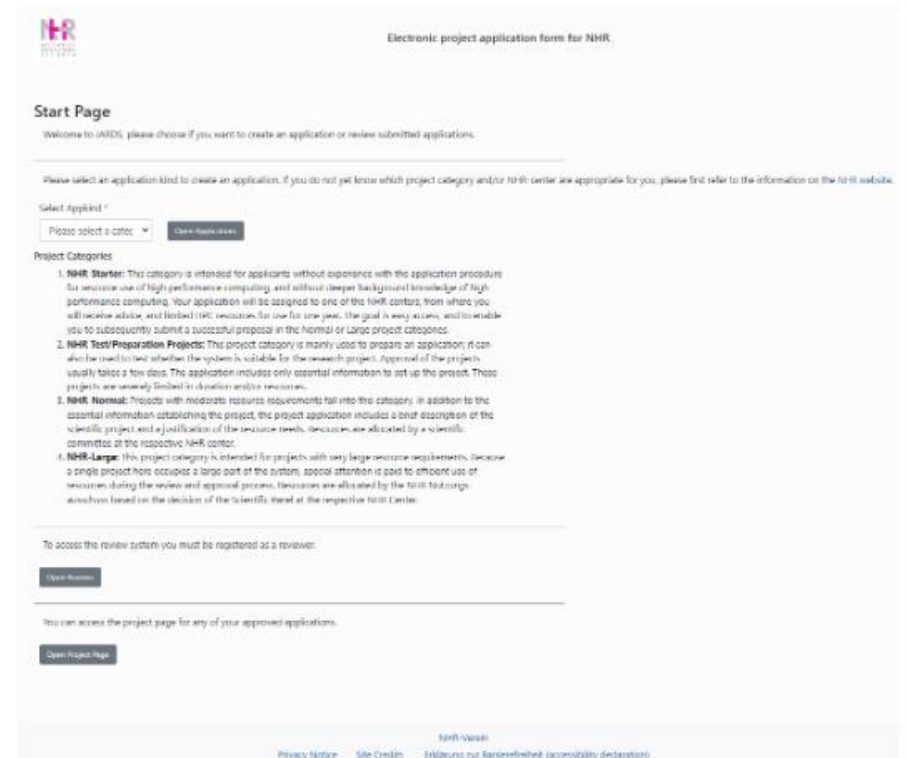
## JARDS - Incubator

- ▶ Software to manage resource allocation processes in research



- ▶ RWTH provides JARDS instances for
  - ▶ RWTH Tier-3 computing time
  - ▶ NHR computing time
  - ▶ Coscine storage space

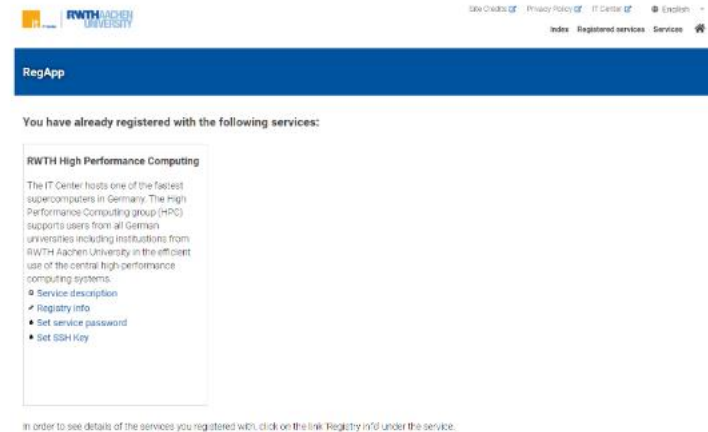
→ Information on approved applications is managed in JARDS ... but needed by other services as well.



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## JARDS - Incubator

- ▶ Accounts are managed via RegApp
- ▶ Users with active projects can manage project members
- ▶ External users only have access if they are members of an active project



The screenshot shows the 'RegApp' interface. At the top, there is a navigation bar with links for 'Site Credits', 'Privacy Policy', 'IT Center', and 'English'. Below this, a blue header contains the text 'RegApp'. The main content area is titled 'You have already registered with the following services:'. A service card for 'RWTH High Performance Computing' is displayed, containing a description of the IT Center's role in supporting users from German universities. Below the description is a list of actions: 'Service description', 'Registry info', 'Set service password', and 'Set SSH Key'. At the bottom of the page, a note states: 'In order to see details of the services you registered with, click on the link "Registry info" under the service.'

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## JARDS - Incubator

	Current state	Goal
RegApp	User project information request via HTTP in JSON format	User project information via SAML Attribute Query
JARDS	Proof-of-concept implementation of Shibboleth IdP as Attribute Authority	Production-ready implementation of Shibboleth IdP as Attribute Authority

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## JARDS - Incubator

### Advantages

- ▶ Standardized interface facilitates reuse on both ends
  - ▶ JARDS information can be queried by other services
  - ▶ RegApp can query information from other attribute sources
- ▶ Increased security

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## Jards - Implementation

- What was done
  - Connection of the service to a CAAI solution
  - Extension of the interfaces for the usage of Attribute Authorities
    - Allows the CAAI solution the enrichment of user data e.g. with project information through an external service
  - Regular meetings
    - Identified and addressed work packages
    - Preparation for an easy integration
  - Creation of a POC with the NFDI4Ing-AAI (RegApp)

