



# Identity and Access Management

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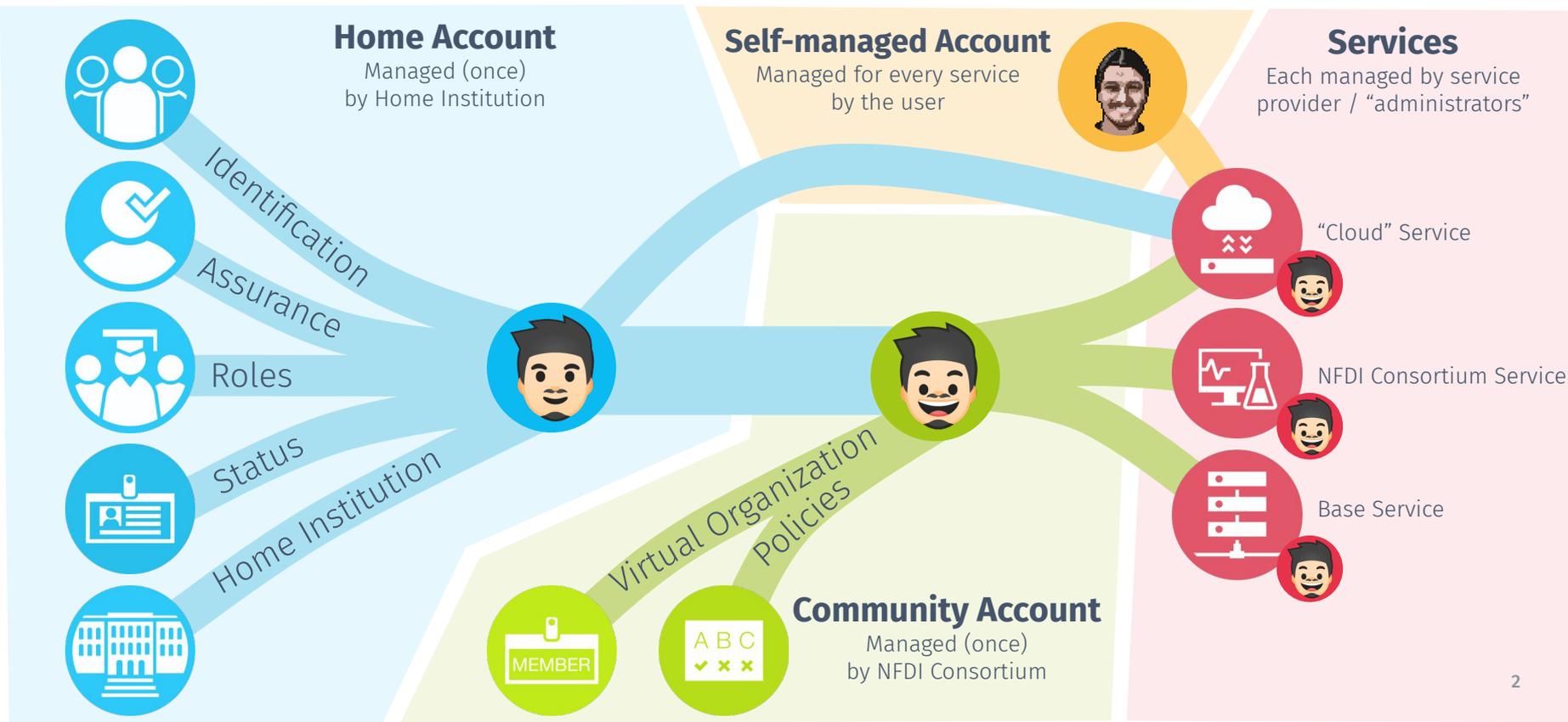
Services Roadshow by



Dec 04, 2024

# IAM4NFDI but Why?

A Single Way to “Sign-On” to all NFDI Services





Coscine - Your Platform for Research Data Management

## Login

RWTH Aachen University

Other Institutional Account

 Sign in with NFDI4Ing AAI

 Sign in with ORCID®



# Use Case: Coscine in NFDI4Ing AAI



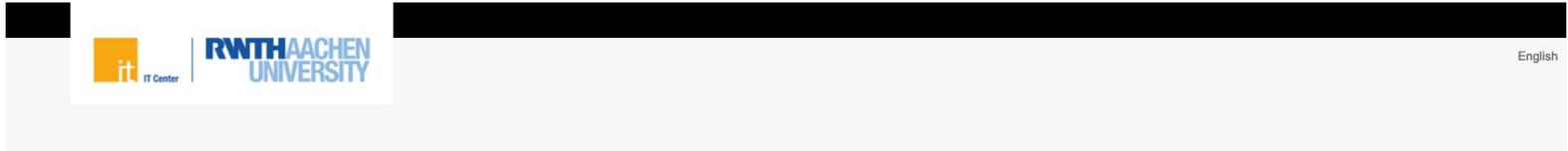
Coscine



NFDI4Ing AAI  
(RegApp)

The screenshot shows the NFDI4Ing Community AAI login page. At the top left is the NFDI4Ing logo. Below it is a dark blue header bar with the text "NFDI4Ing Community AAI" and a link icon. The main content area has a "Welcome" heading followed by a message: "You have been forwarded here by a service to authenticate your identity with Coscine". Below this is a form with a "Select home organization" label and a text input field containing "RWTH Aachen University". A blue arrow points to this input field. Below the input field is a checked checkbox labeled "Remember Home organisation". There is a blue "Proceed" button and a small logo to its right. At the bottom, under the heading "Login with other identity providers:", there are two buttons: "HIFIS Helmholtz AAI" and "ORCID iD". A blue arrow points to the "ORCID iD" button.

# Use Case: Coscine in NFDI4Ing AAI



Seit dem 2. Juli 2024 ist der Login über den RWTH Single Sign-On mit einer Multifaktor-Authentifizierung geschützt. Wenn Sie noch keinen Token gesetzt haben, dann folgen Sie bitte der [Anleitung](#).

Since July 2, 2024, login via the RWTH Single Sign-On is protected with Multifactor-Authentication. If you have not yet set a token, please follow the [instructions](#).

### RWTH Single Sign-On

**Benutzername** ⓘ

**Kennwort** ⓘ

Anmeldung nur am aktuellen Serviceprovider ⓘ

Übersicht der zu übermittelnden persönlichen Daten ⓘ

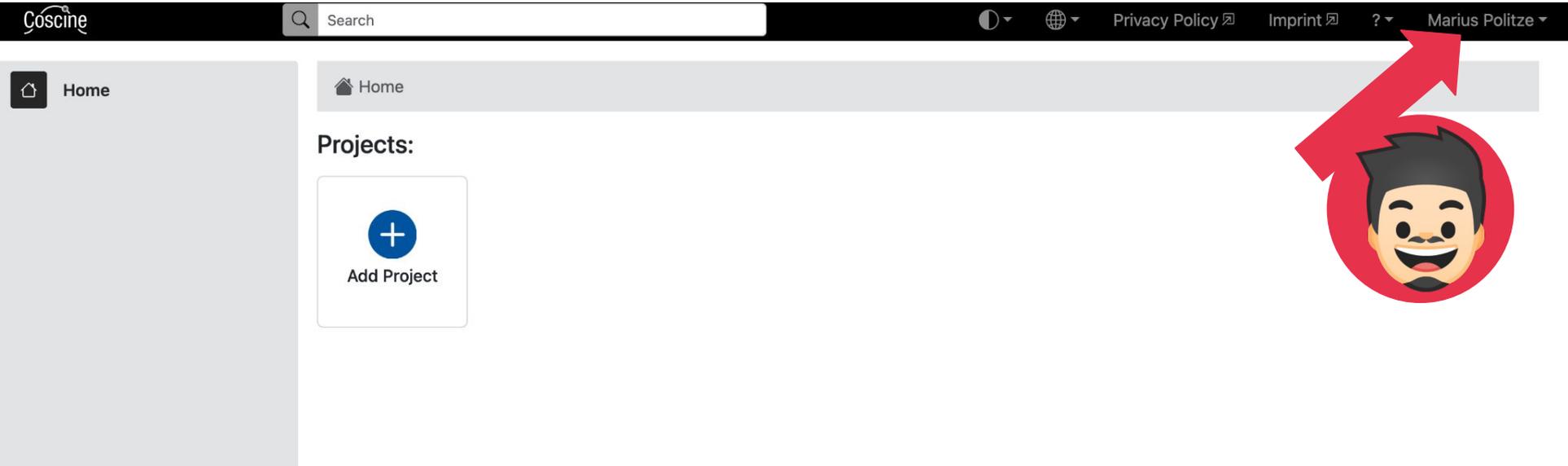
**Anmeldung**

[Benutzername vergessen?](#)  
[Kennwort vergessen?](#)

Die Abmeldung erfolgt durch Schließen des Browsers.  
Bei Problemen wenden Sie sich bitte an das [IT-ServiceDesk](#).

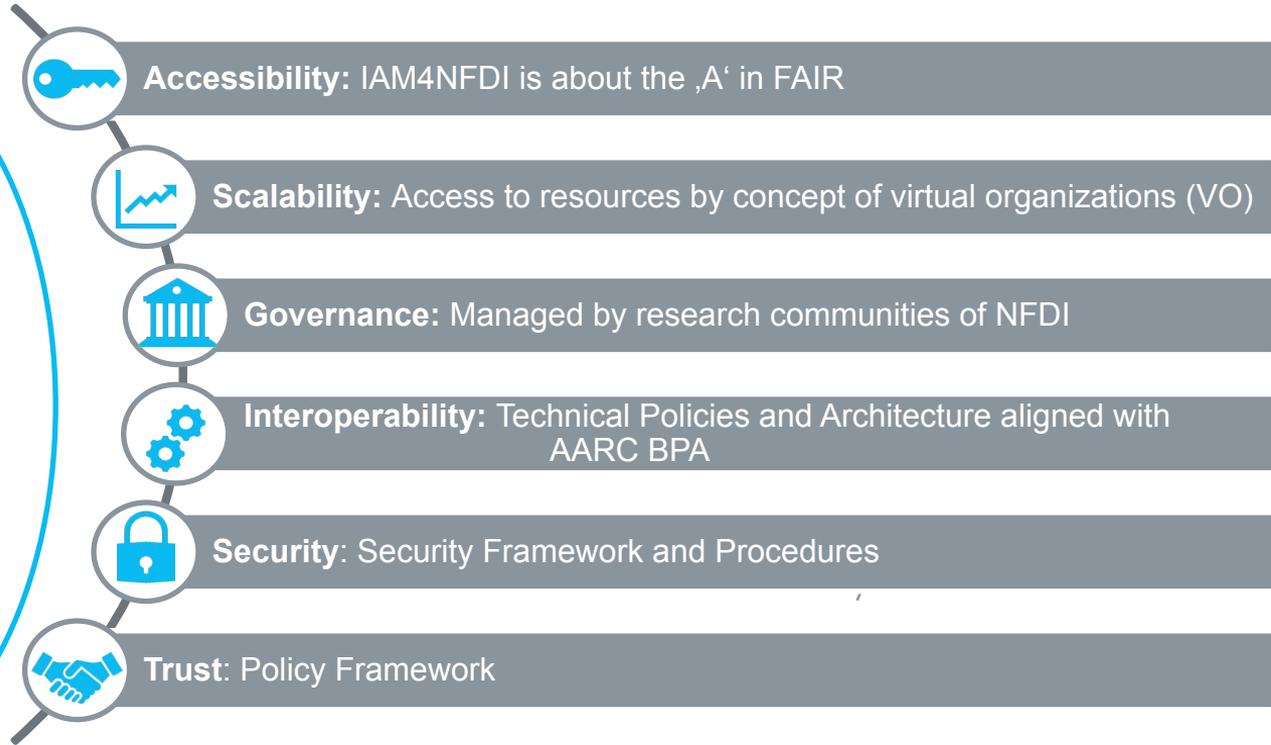


# Use Case: Coscine in NFDI4Ing AAI



## IAM4.nfdi

Built on **open standards** and existing, well-proven solutions like the **Guidelines of the AARC community**



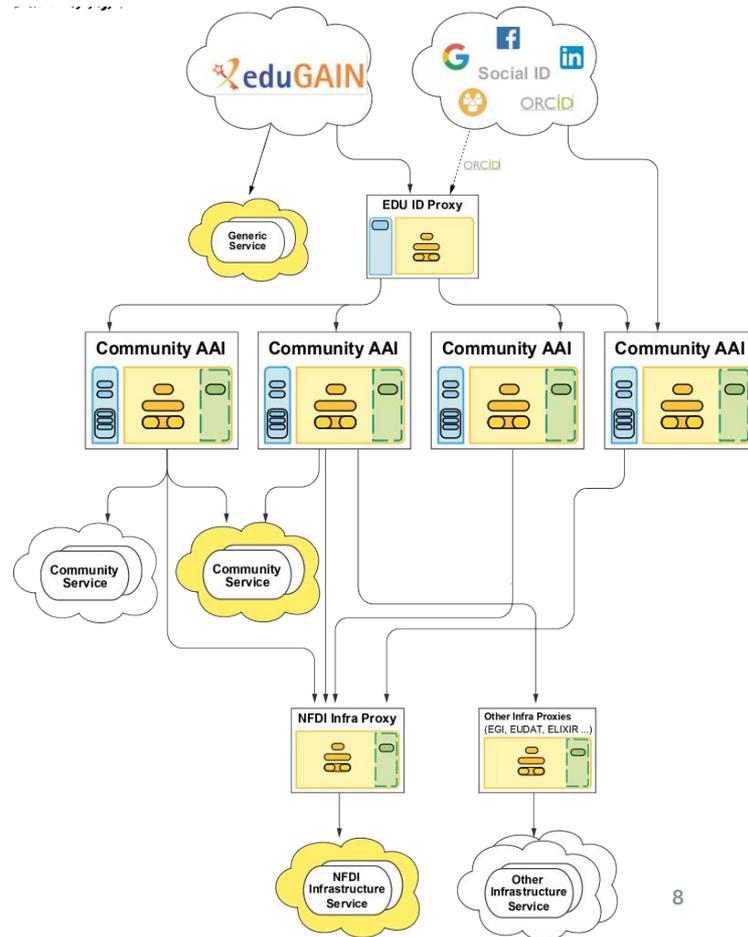
# Where are we now, and where are we going?

## NFDI-AAI

- Architecture based on the AARC Blueprint Architecture
- 4 NFDI Community AAIs
- Identities: eduGAIN and national R&E Federations
- Interoperability: with EOSC AAI and Infrastructures (NHR, EGI, LifeScienceAAI)

## Service Providers & Partners

RWTH Aachen University, DFN-Verein, DAASI GmbH,  
FZ Jülich, GWDG, KIT, RPTU Kaiserslautern



## Community AAI <-> Consortia Map



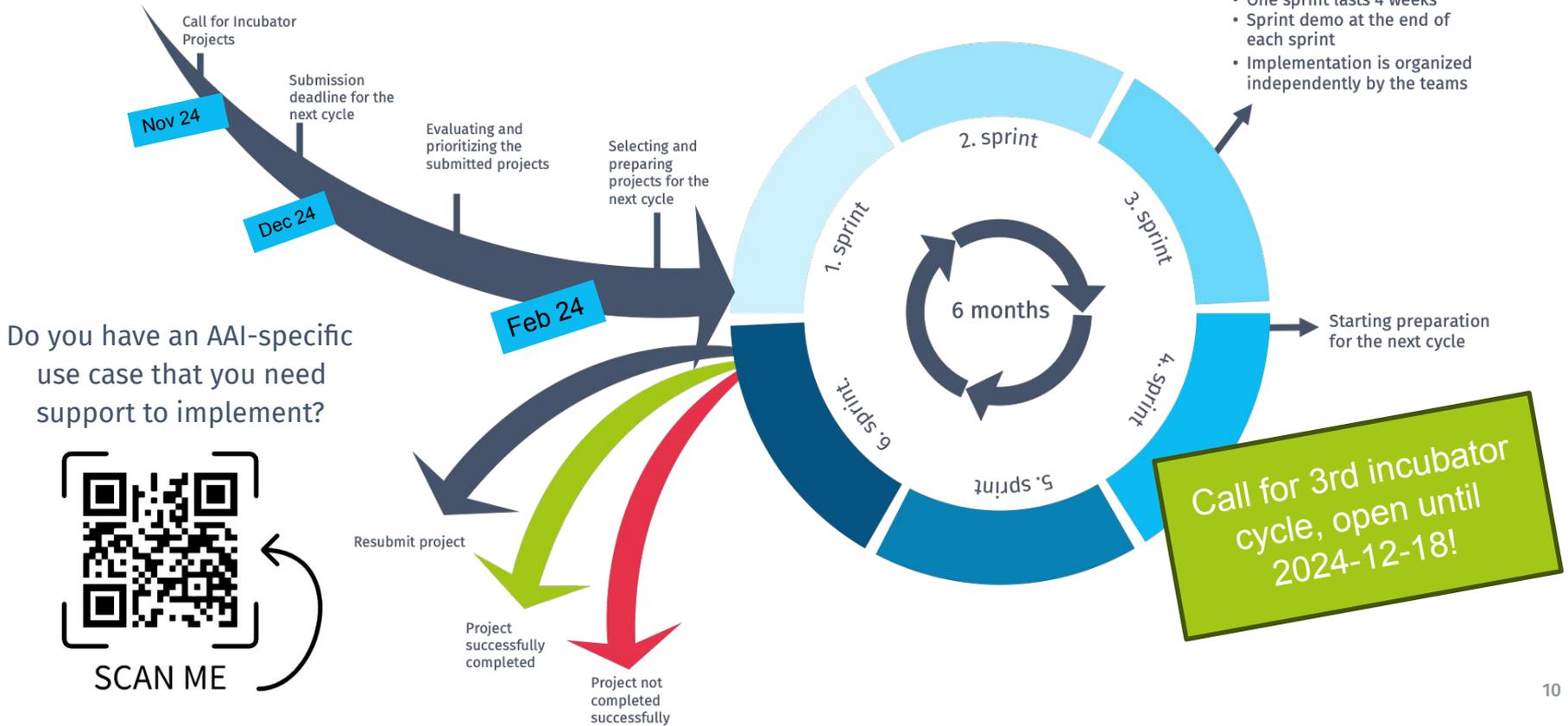
Covering 16/26 NFDI consortia after second round of incubators (~61.5%)

### Different Requirement Profiles

- consulting and standard onboarding
- development of new features
- discussion of policies

Consortium	Academic ID	didmos	RegApp	unity	other
BERD@NFDI					
DAPHNE4NFDI				x	
DataPLANT					x
FAIRagro					
FAIRmat					
GHGA					x
KonsortSWD					
MaRDI		x			
NFDI4Biodiversity					x
NFDI4BIOIMAGE					
NFDI4Cat			x		
NFDI4Chem			x		
NFDI4Culture		x			
NFDI4DataScience			x		
NFDI4Earth					
NFDI4Energy			x		
NFDI4Health					
NFDI4Immuno				x	
NFDI4Ing			x		
NFDI4Memory					
NFDI4Microbiota					
NFDI4Objects		x			
NFDI-MatWerk			x		
NFDIxCS	x				
PUNCH4NFDI				x	
Text+					

# Get Involved: Incubator Process



## Instructions:

Write down the letters in front of each correct answer! In the end, these letters will form a solution phrase.

# On which Architecture is the NFDI-AAI by IAM4NFDI based?

- AL)** AARC Greenprint Architecture
- HA)** AARC Blueprint Architecture
- YO)** AARC Pinkprint Architecture



Thank you!  
Questions?



-  [aai-kernteam@lists.kit.edu](mailto:aai-kernteam@lists.kit.edu)
-  [base4nfdi-servicestewards@lists.nfdi.de](mailto:base4nfdi-servicestewards@lists.nfdi.de) for general inquiries
-  [iam.services.base4nfdi.de](http://iam.services.base4nfdi.de)