Authentication and Authorisation for Research and Collaboration

AARC TREE countdown has started

Continuing to support online access for research

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FIM4R
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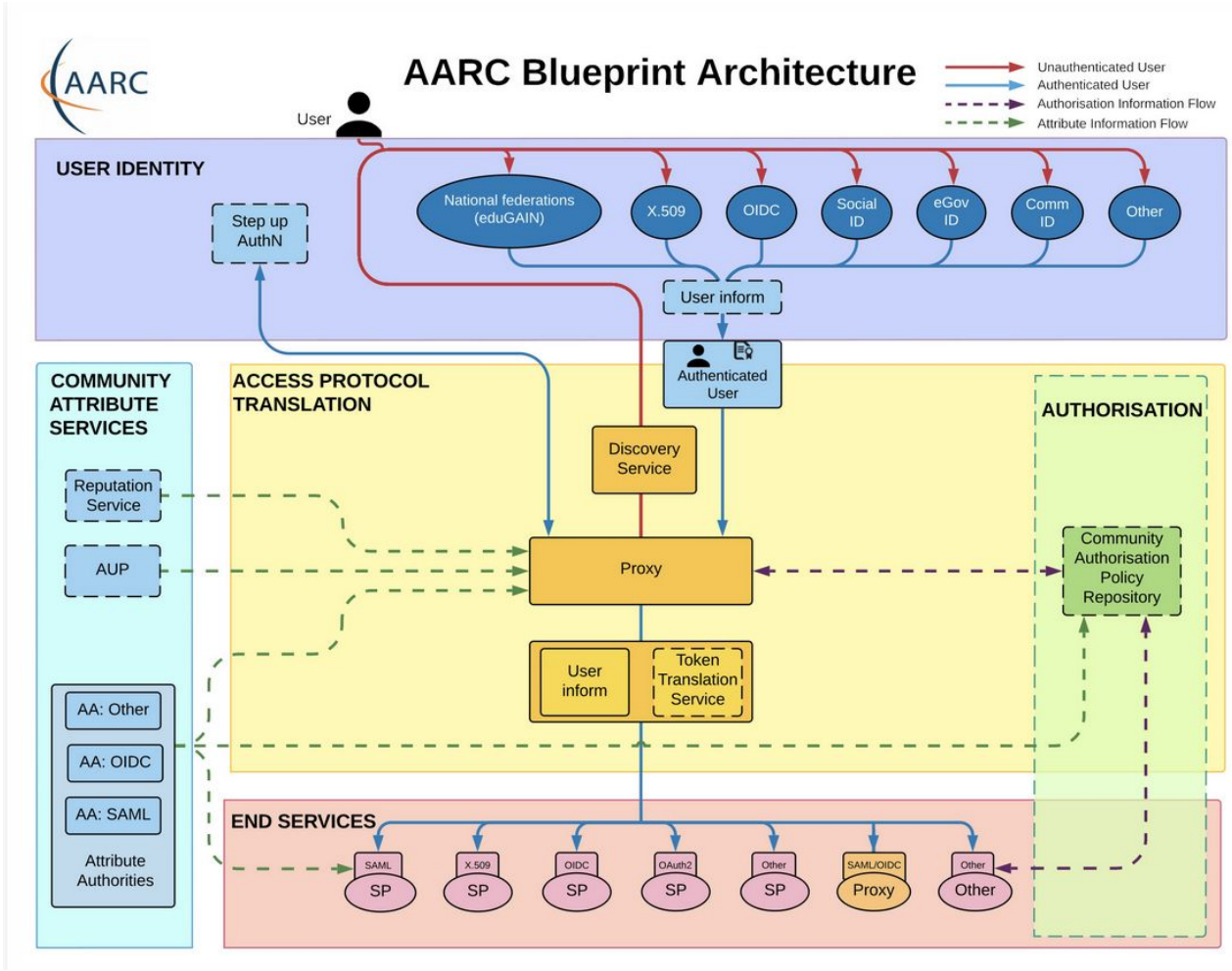
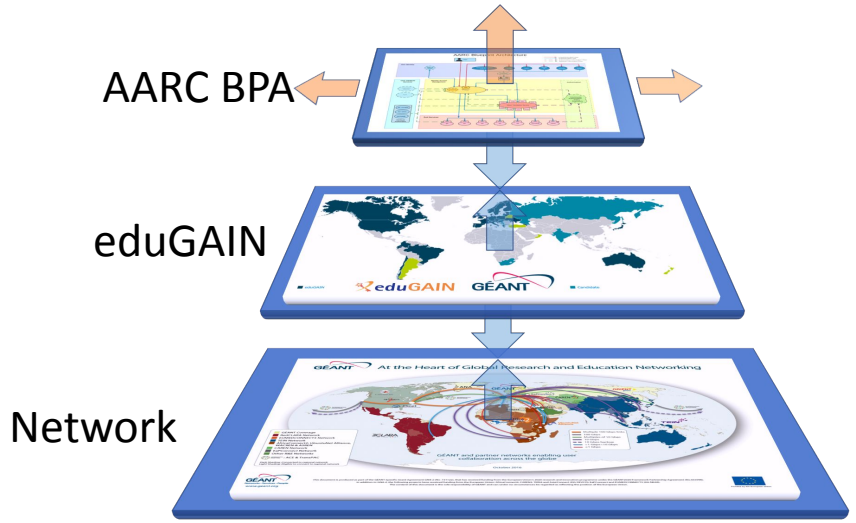
From the first AARC Goals in 2015 to today

"Expand the reach of Federated Access to empower scientific collaboration and sharing of resources "

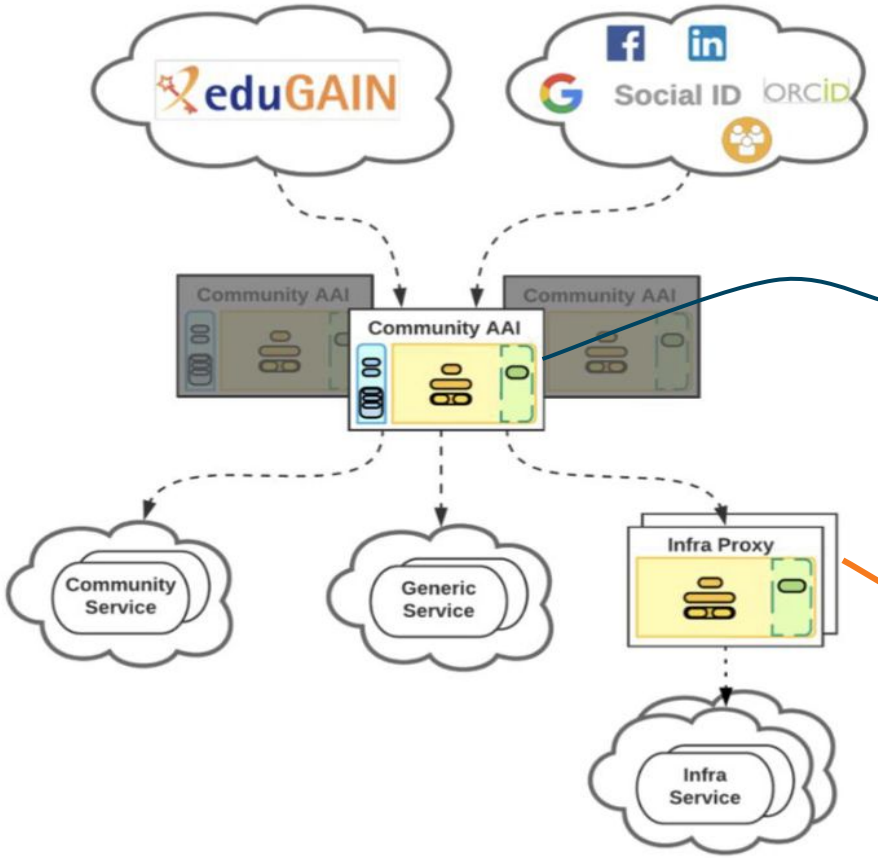
Main AARC result: AARC Blueprint Architecture (BPA)

Arguably the best remembered picture from our AARC community





The Community AAI and the Infrastructure Proxy: definitions



Community AAI

The purpose of the Community AAI is to streamline researchers' access to services, both those provided by their own infrastructure as well as the services provided by infrastructures that are shared with other communities.

Infrastructure Proxy

The Infrastructure Proxy, enables Infrastructures with a large number of resources, to provide them through a single integration point, where the Infrastructure can maintain centrally all the relevant Policies and business logic for making available these resources to multiple communities

AEGIS the AARC WGs

AARC Engagement Group for Infrastructures

The forum of e/r-Infras that operate an AARC BPA complaint AAI.
It’s a closed group on purpose as we want to get feedback from the hands on group.
They approve the AARC guidelines.

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Technical WG

- Led by Nikolas (GRNET) and Christos
- This is where technical guidelines are discussed
- Anybody can join: https://lists.geant.org/sympa/info/appint

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Technical WG

- Led by Nicolas and Christos
- This is where technical guidelines are discussed
- Anybody can join the discussion: https://lists.geant.org/sympa/info/appint

Policy WG

- Led by Dave Kelsey and David Groep
- Supported by EnCo and IGTF
- Anybody can join the discussion: policy@aarc-community.org

So what are we facing now?

Interoperability with broader provider base (IdPs, eIDs, social IdPs)

Better uptake and integration of the BPA

Requirements for assurance

Proliferation of AARC Proxies

Digital wallets

Service account information

So what are we facing now?

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(IdPs, eIDs, social IdPs)

Requirements for assurance

Digital wallets

Better uptake and integration of the BPA

50+ guidelines
Toolkit

Proliferation of AARC Proxies

Service account information

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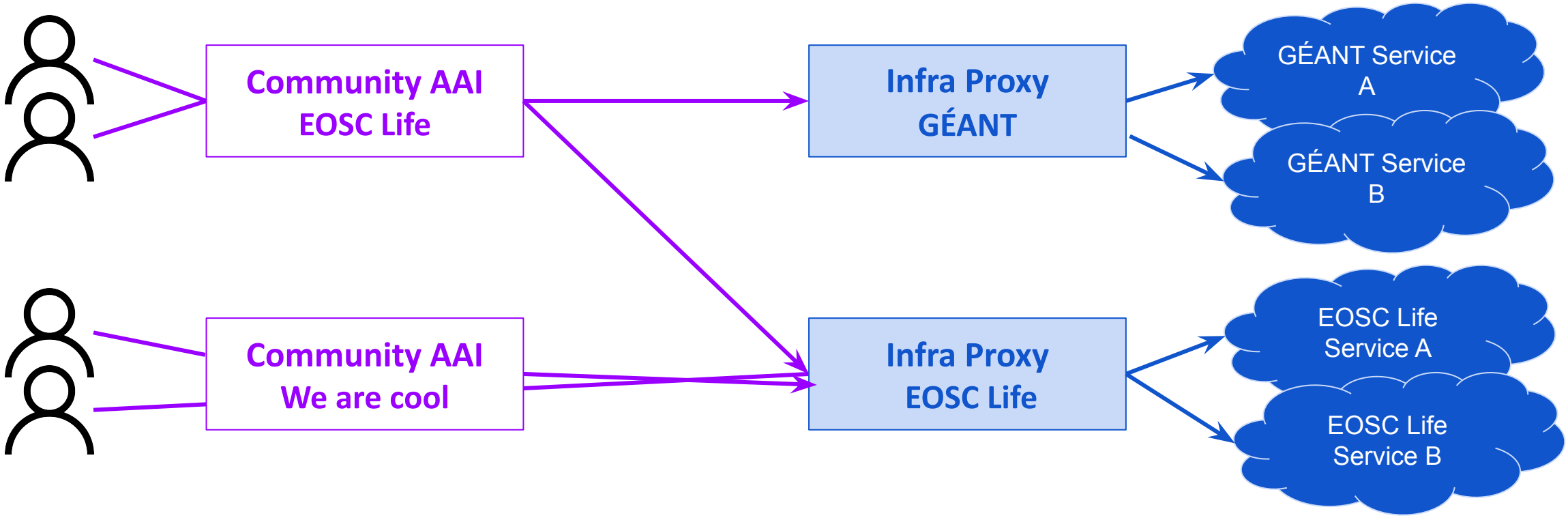
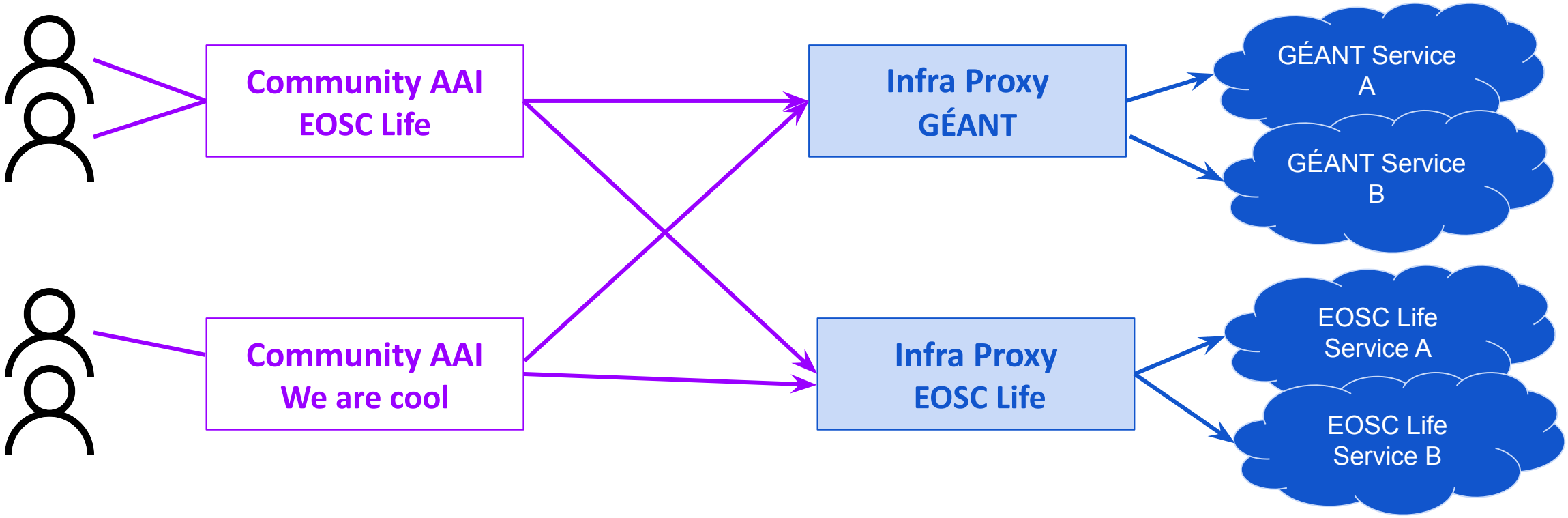
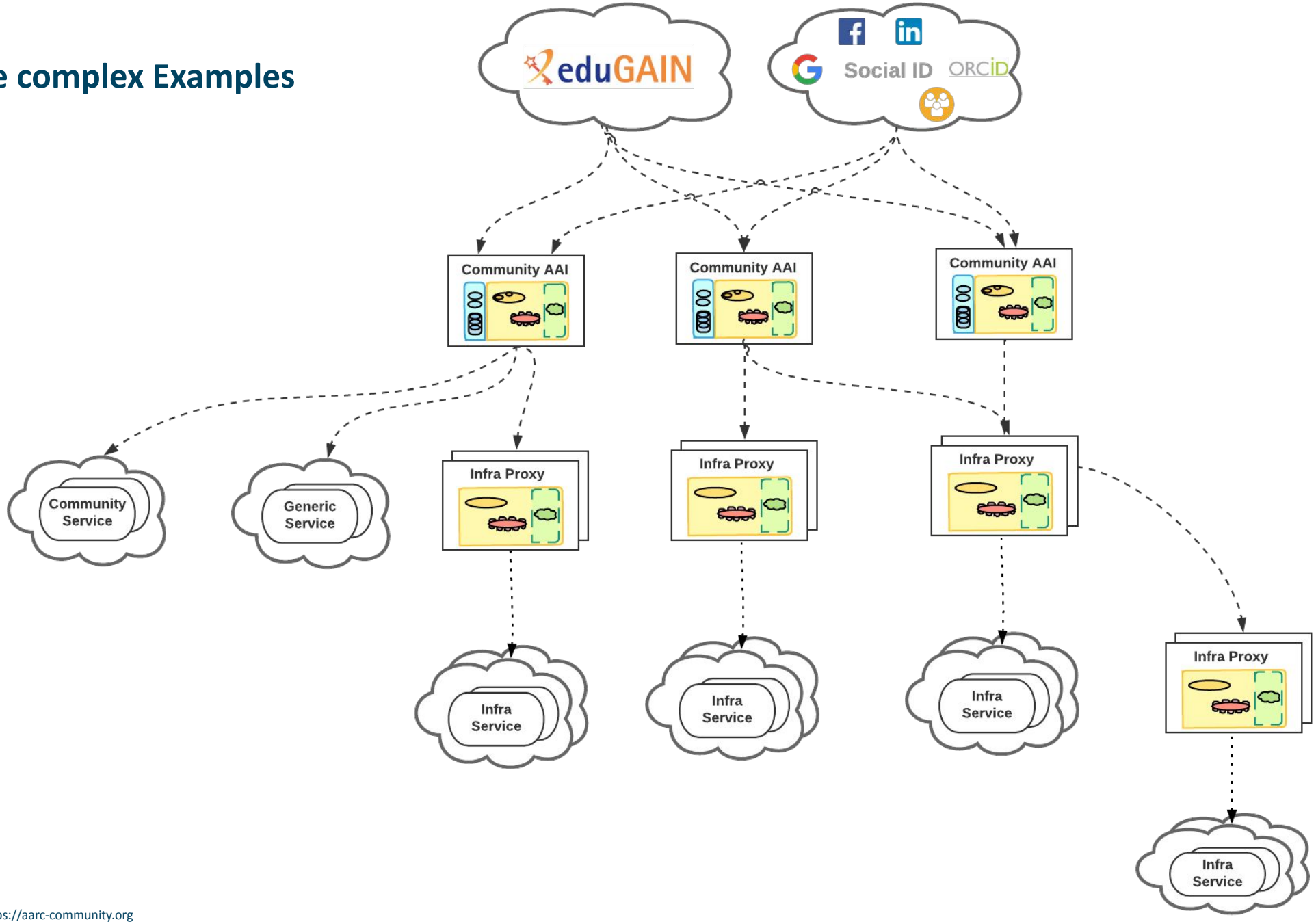
Examples of Community AAIs and Infrastructure Proxies



Examples of Community AAI and Infrastructure Proxy



More complex Examples



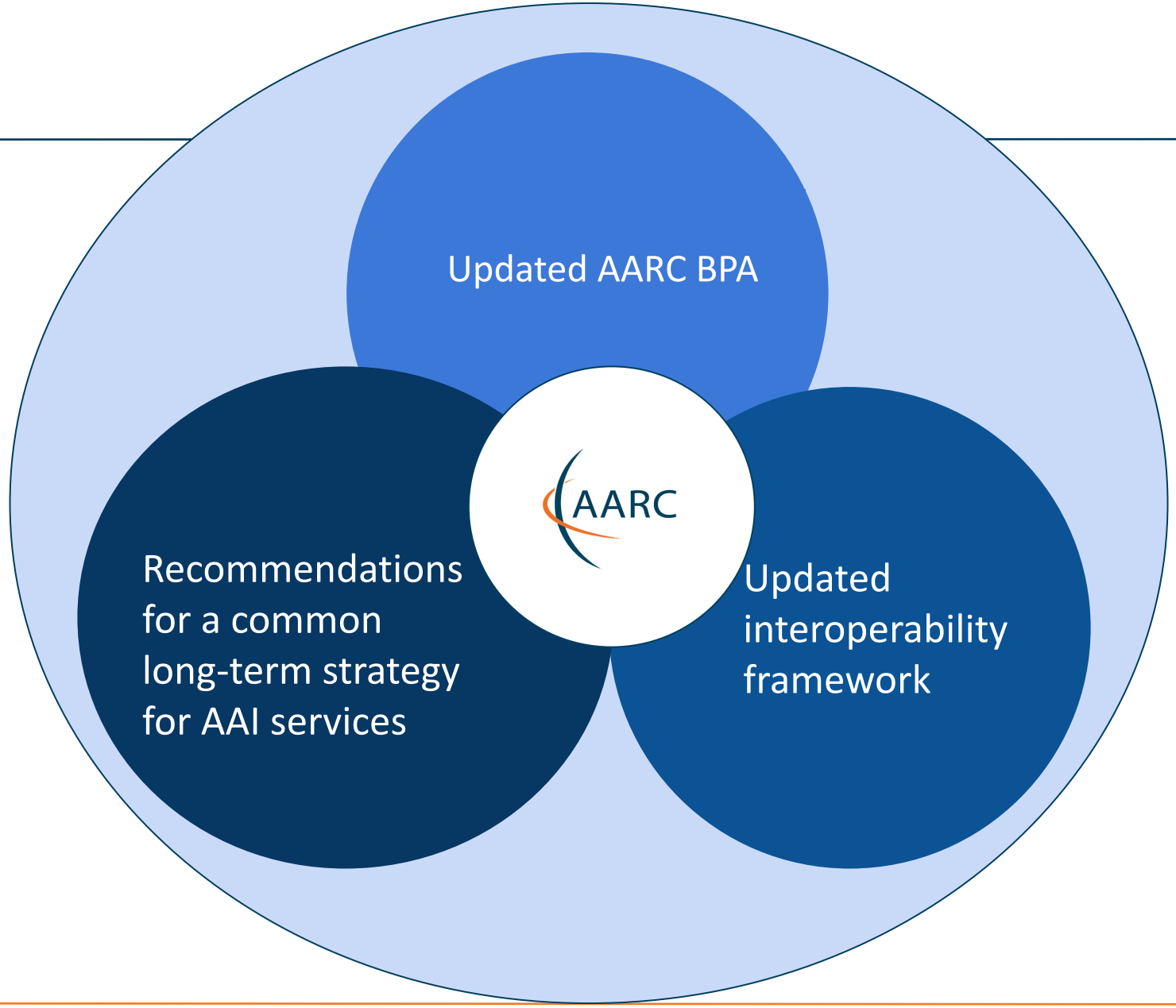
AARC TREE – Authentication and Authorisation for Research Collaboration Technical Revision to Enhance Effectiveness

AARC TREE Project Main Facts

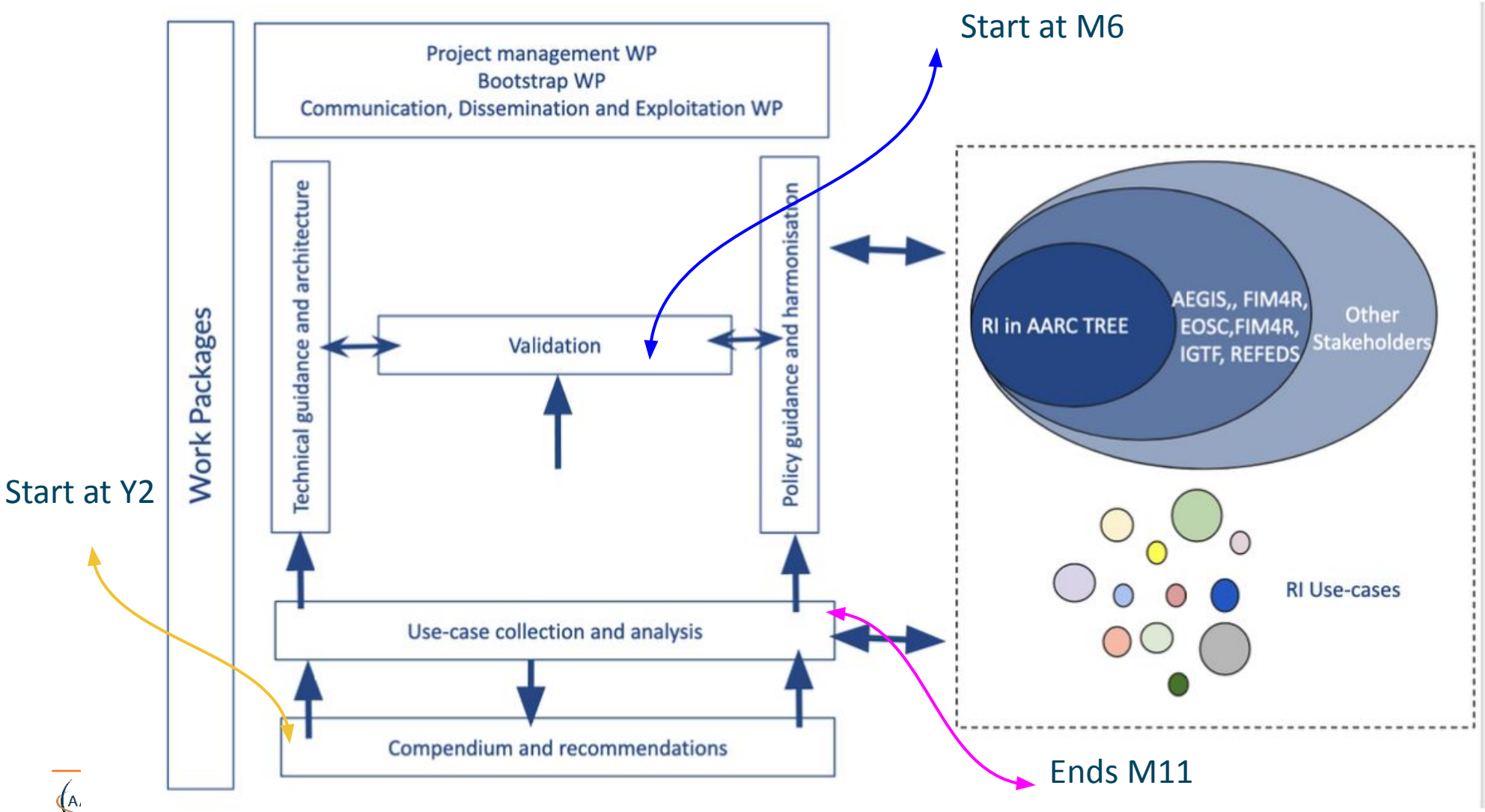
Start date: **March 2024**
Kick off meeting: 11-13 March 2024 @SURF
Duration: 24 M
23 Partenrs
NDN coordinator
2,5 M Euro

Strategic value

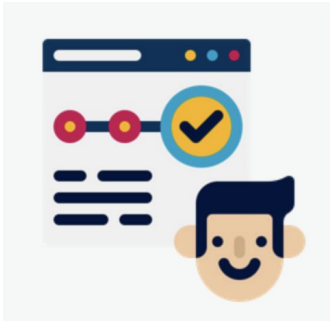
Ensures that our community is in the driving seat, not only for network related activities but also in the identity space.
It will allow to reinforce the collaboration with the (nordic) e-Science communities, the NRENs and GEANT


Updated AARC BPA
AARC
Recommendations for a common long-term strategy for AAI services
Updated interoperability framework

Structure AARC TREE

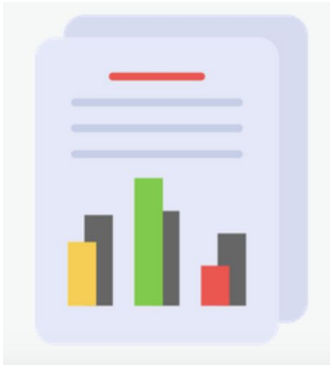


More than only policy and technical work



Use Cases Collection and Analysis

with the large ESFRI RIs, clusters, and national nodes to validate BPA effectiveness and act as a flywheel to increase its application



Compendium & Recommendations

Have the validators and use cases have a broader impact by promoting them as ‘community good practice’ examples – and telling the world about it.

You can engage

THANK YOU