



Authentication and Authorisation for Research and Collaboration

AARC Updates

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<https://aarc-project.eu/>

AARC All Hands

Geneva, 29 Nov – 1 Dec 2016

Welcome to the AARC Session






- Project Overview
 - Resource Spending
 - Contract amendment
 - Achievements
- Update on actions from last meeting and Y1 Review
- AARC Strategy

Overview

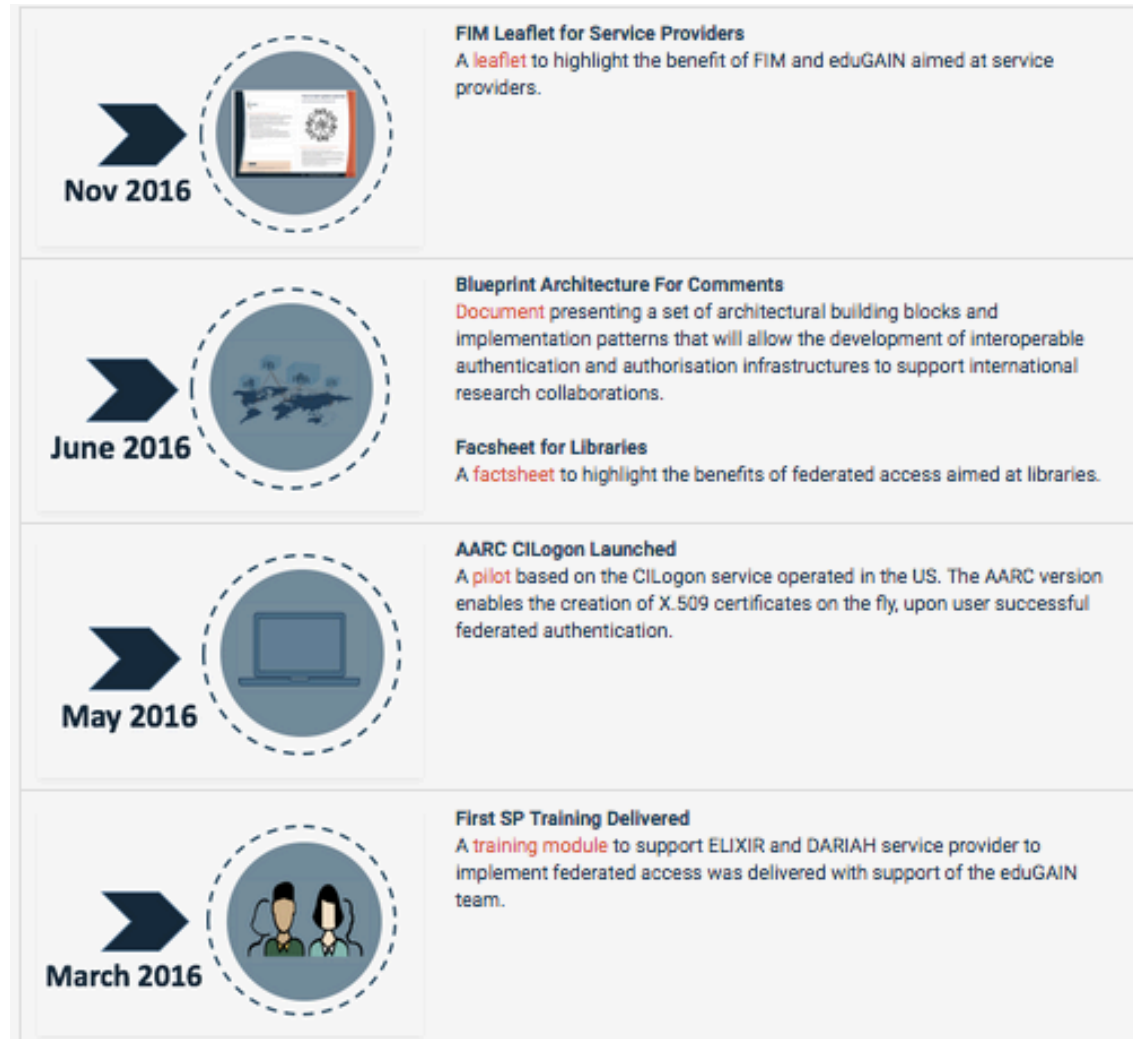
Resource Spending & Amendment

| | |
|---------------------------------|------------------|
| Total manpower /Tot Budget euro | 326 MM / 3M euro |
| Year 1 budget (used / forecast) | 126 PM /142 PM |

- Project underspending
- Extra work could be done, if resources were available

-  Develop an integrated AAI built on production frameworks (i.e. eduGAIN)
-  Increase uptake of federated access in research communities by addressing policy and technical challenges
-  Pilot critical technical and policy components of the integrated AAI
-  Validate results by engaging with relevant communities
-  Deliver tools and tailored training

Check AARC Timeline to track outputs

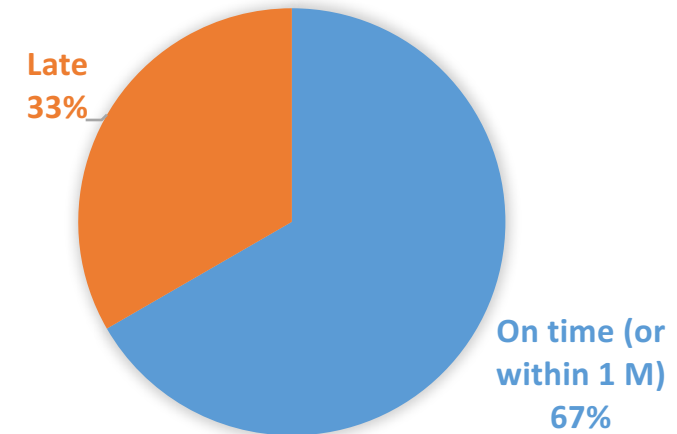


<https://aarc-project.eu/achievements/>

Stats

- Del due May 2015- Nov 2016: 9
- Del submitted so far: 7
 - 2 only one month later
 - DN3.3 being proof-read
 - 3 dels were late: annual report, DSA1.1 and DSA1.2 late
 - Remember: del that are demonstrators do not need a long paper doc!

STATUS DEL



- Milestones due May 2015- Nov 2016: 12
- All pretty much met on time
 - Only 2 were late

Upcoming deliverables

- Still 6 dels to be submitted
- Dels due in Dec
 - DN3.2 Generic security incident – CERN (Report)
 - eScience SPs side to be handled via AARC
 - Implementations details for IdPs/ID Fed to be handled via REFEDS
 - DSA1.3 Final Pilot on attribute provider - EGI (dem)
- Dels due in Jan
 - DNA3.3 Recommendations for service operational model - DAASI (Report)

Update on Actions

From Y1 review and last meeting

| ACTION | Who | Status |
|--|----------|--|
| ACTION201605-01: Improve internal communication (inforshare, etc) | NA1 | Infoshare starts in Jan |
| ACTION201605-02: To submit session at DI4R | NA1 | Done |
| ACTION2015-03: Add google cal | NA1 | Done |
| ACTION201605-04: Specify service model for EZproxy pilot | SA1 | Done |
| ACTION201605-05: Make Fed 101 module more general | NA2 | Revision ongoing |
| ACTION201605-06: Finalise the fact sheets | NA2 | Done (one for libraries and one for SPs) |
| ACTION201605-07: Propose LoA WG under REFEDS | NA3 | Done |
| ACTION201605-08: Positon AARC to define long term solutions that e-Infras can follow | NA1 | Draft strategy presented |
| ACTION201605-09: Plug fest, to bring infra together and identify inter-operab issues | NA3/JRA1 | Started work to that extend |

Review Recommendations

| Description | Status |
|---|--|
| <p>[R2] improve the communication and engagement strategy with a simple conceptual framework (including visual representation "entity/relations" like) also useful for external audience to grasp more societal interest; ensure consistency of contents and "branding" among slide sets, wiki, training modules.</p> | <p>Ongoing (Draft strategy, initial web updates)</p> |
| <p>[R3] improve the sustainability plan with a strong recommendation document integrating the emerging needs (at national, European and scientific communities' levels) and the actions required by each actor involved towards the implementation of the project vision, including the lack of workforce in the field;</p> | <p>Not started</p> |
| <p>[R4] clarify in details the pilot integration, beyond SAML-based and VMOS authentication, of other protocols (e.g. OpenID Connect and eGovernment standards), and its effect on the blueprint;</p> | <p>See report on eIDAS pilots</p> |
| <p>[R5] explore further synergies with other community identity and access management projects;</p> | <p>Ongoing</p> |
| <p>[R6] try to achieve a working solution for attribution aggregation: it would be a genuinely valuable outcome beyond the state of the art;</p> | <p>Ongoing</p> |
| <p>[R7] distribute the forthcoming effort to compensate the underspending, maintaining the quality of work provided during the first period and protecting against any other shortage of personnel with adequate contingency plan.</p> | <p>See proposed shift of efforts</p> |

AARC Strategy

Avoid a future in which new research collaborations develop independent AAI

Deliver production-ready architectural building blocks and best practices to enable r/e-infrastructure to build interoperable AAI

What AARC does want to change and how

- **Improve usage of FIM** – Promote usage of FIM via dissemination and training events and leverage identity providers outside the academic boundaries.
- **Address eScience requirements** – Design a technical Blueprint Architecture that builds on top of eduGAIN to expand present-day capabilities.
- **Offer support for global policies** – Sponsor the development of key policy frameworks that aim to add additional ‘flavours’ to FIM/eduGAIN.
- **Sustainability** – Provide cost/benefit information and value propositions to help existing r/e-infrastructures to deploy components of the blueprint and policy frameworks.



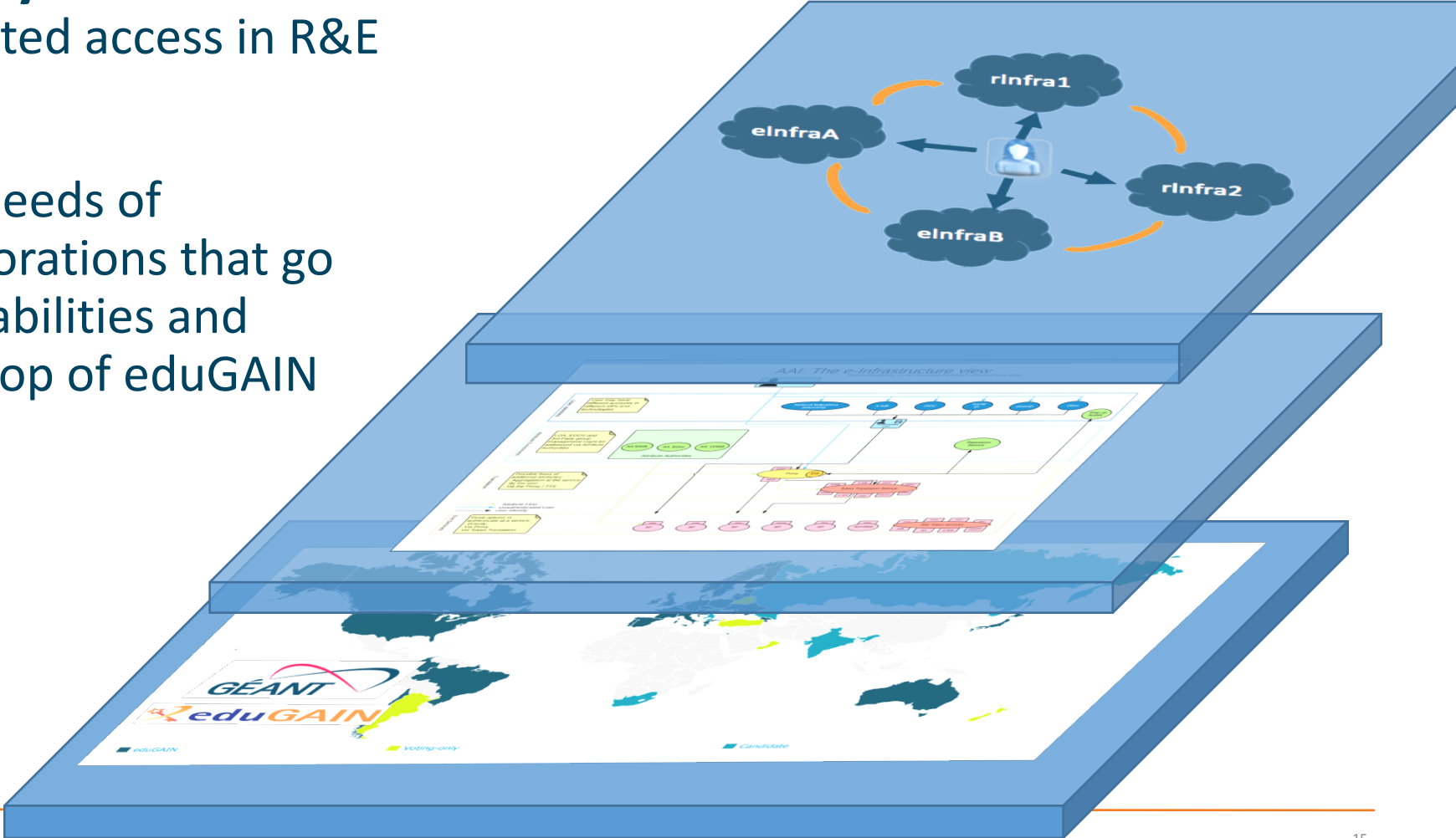
AARC Blueprint Architecture & eduGAIN

eduGAIN and the Identity Federations

A solid foundation for federated access in R&E

AARC

Articulates and address the needs of international research collaborations that go beyond present-day FIM capabilities and design tailored solutions on top of eduGAIN



Thank you Any Questions?

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