



Authentication and Authorisation for Research and Collaboration

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AARC – Authentication and Authorisation for Research and Collaboration



- Started on 1 May, 2015
- Two-year EC-funded project
- 20 partners
 - NRENs, e-Infrastructure providers and Libraries as equal partners
- About 3M euro budget
- <https://aarc-project.eu/>

And where is this coming from????



- The growth of demand for federated access
- Many use cases for ID Feds
- Various existing AAls

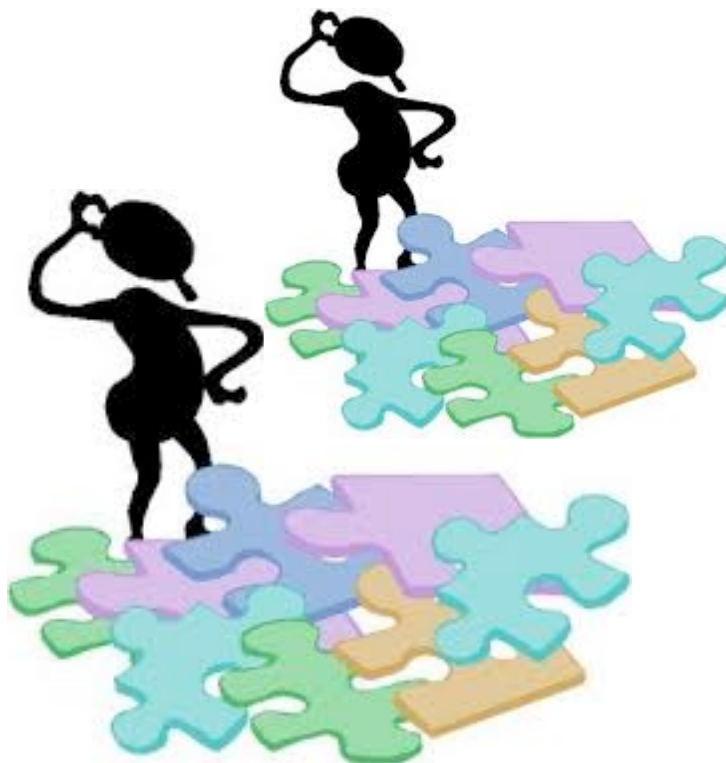
Nice! BUT...



It would be nicer if there was also
compatibility & interoperability



Common challenges



Attribute aggregation

User friendliness

Credential translation

Attribute release

Levels of Assurance

Homeless users

Bridging Communities

Non-web-browser

AARC addresses these challenges of interoperability and functional gaps.



AARC - Objectives



Improve adoption of federated access

Pilot components to integrate existing AAls

Making identities 'consumable' by different e-Infrastructures to access different services

Define policy frameworks and pilot them

Develop Training packages

AARC Strengths and Challenges



› AARC Strengths:

- › Consortium with NRENs, Libraries, e-Researchers and campuses
- › Good opportunity to work together as a team
- › Consensus among different groups to work together

› AARC Challenges:

- › Address technical challenges to satisfy most of the communities
- › Scale the training to EU dimension
- › Deliver best practises in an 'implementable' way
- › Scope the pilots to address use-cases and test results
- › Campuses

AARC - Workplan



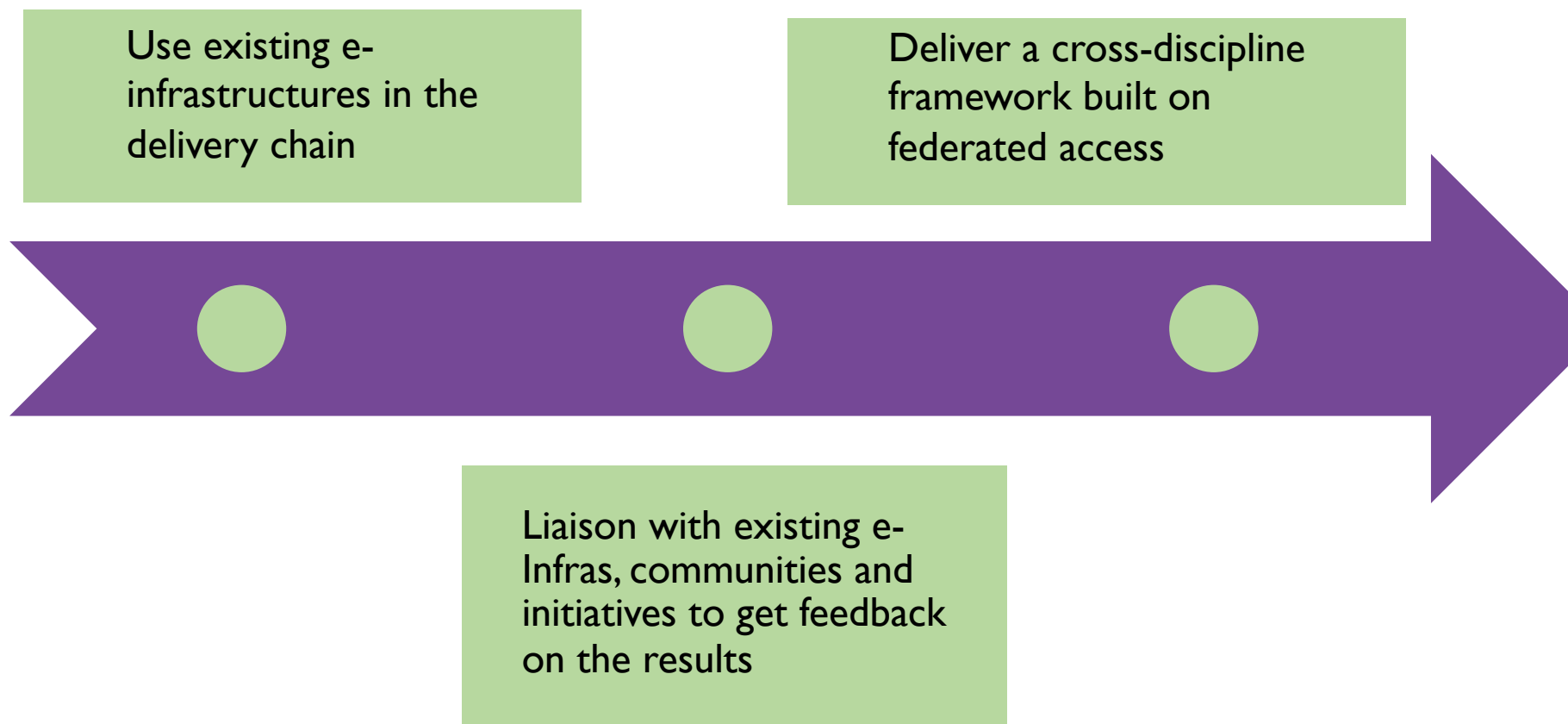
• OUTREACH and TRAINING

- To lower entry barriers for organisations to join national federations
- To improve penetration of federated access

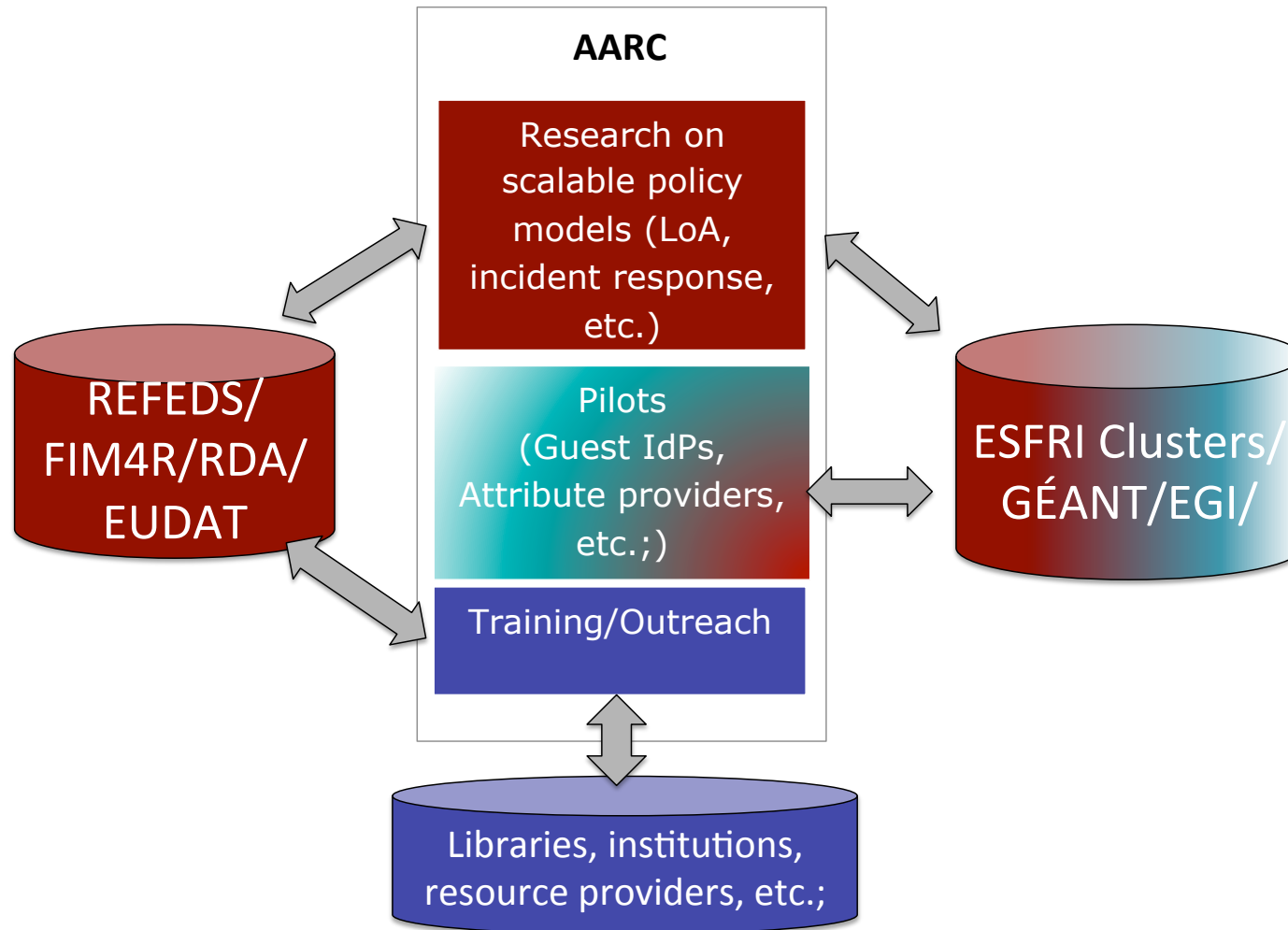
• TECHNICAL and POLICY Work

- To develop an integrated AAI built on production services (i.e. eduGAIN)
- To define an incident response framework to work in a federated context
- To agree on a LoA baseline for the R&E community
- To pilot new components and best practices guidelines in existing production services

Approach



Liaisons with other groups



Next Step



- Gather requirements for technical and training work:

Any campus interested in providing their feedback?

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Thank you and any questions



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