

## **eduGAIN**

### **What is it? Where is it?**

Brook Schofield, eduGAIN Task Leader  
DARIA, Köln – 18 October 2013

## About me...

### ● Brook Schofield

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*I work at TERENA.  
eduGAIN Task Leader in the GN3plus Project.*

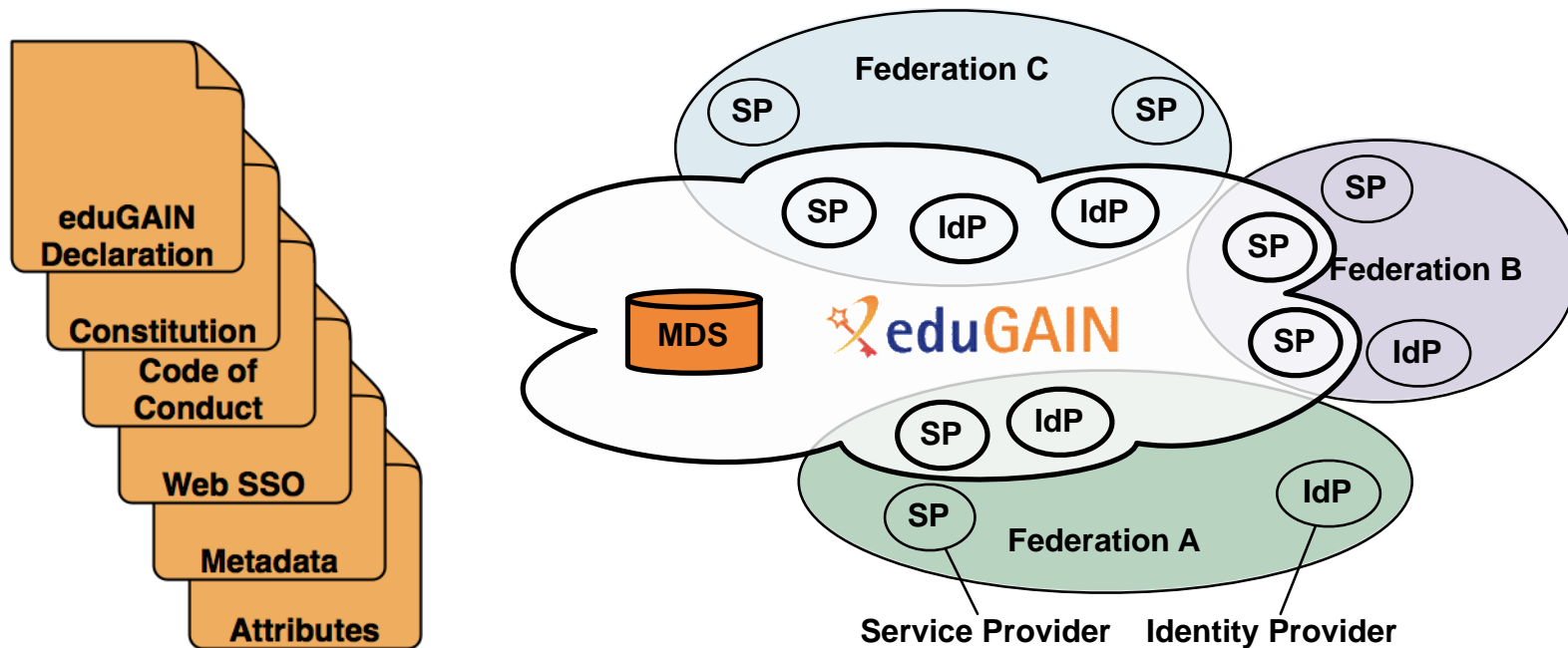
*eduroam Global Governance Secretary.*

What do you think eduGAIN is?



eduGAIN

# What is eduGAIN?

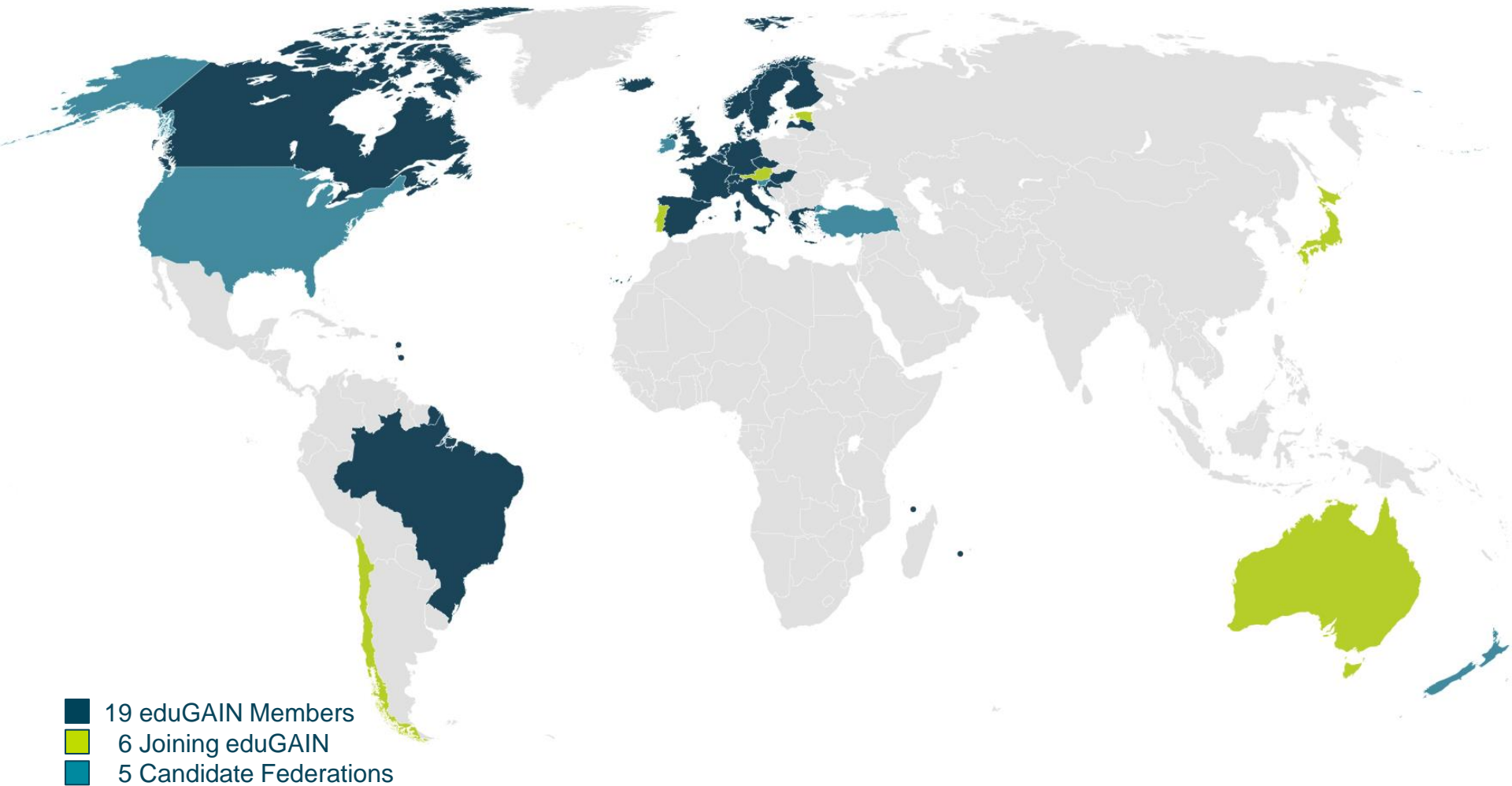


- **educational Global Authentication Infrastructure**
- Two parts:
  - eduGAIN Policy Framework
  - MDS (Metadata Distribution Service aka *Phonebook*)
- All the other layers are *optional* and built by *community & eduGAIN*.

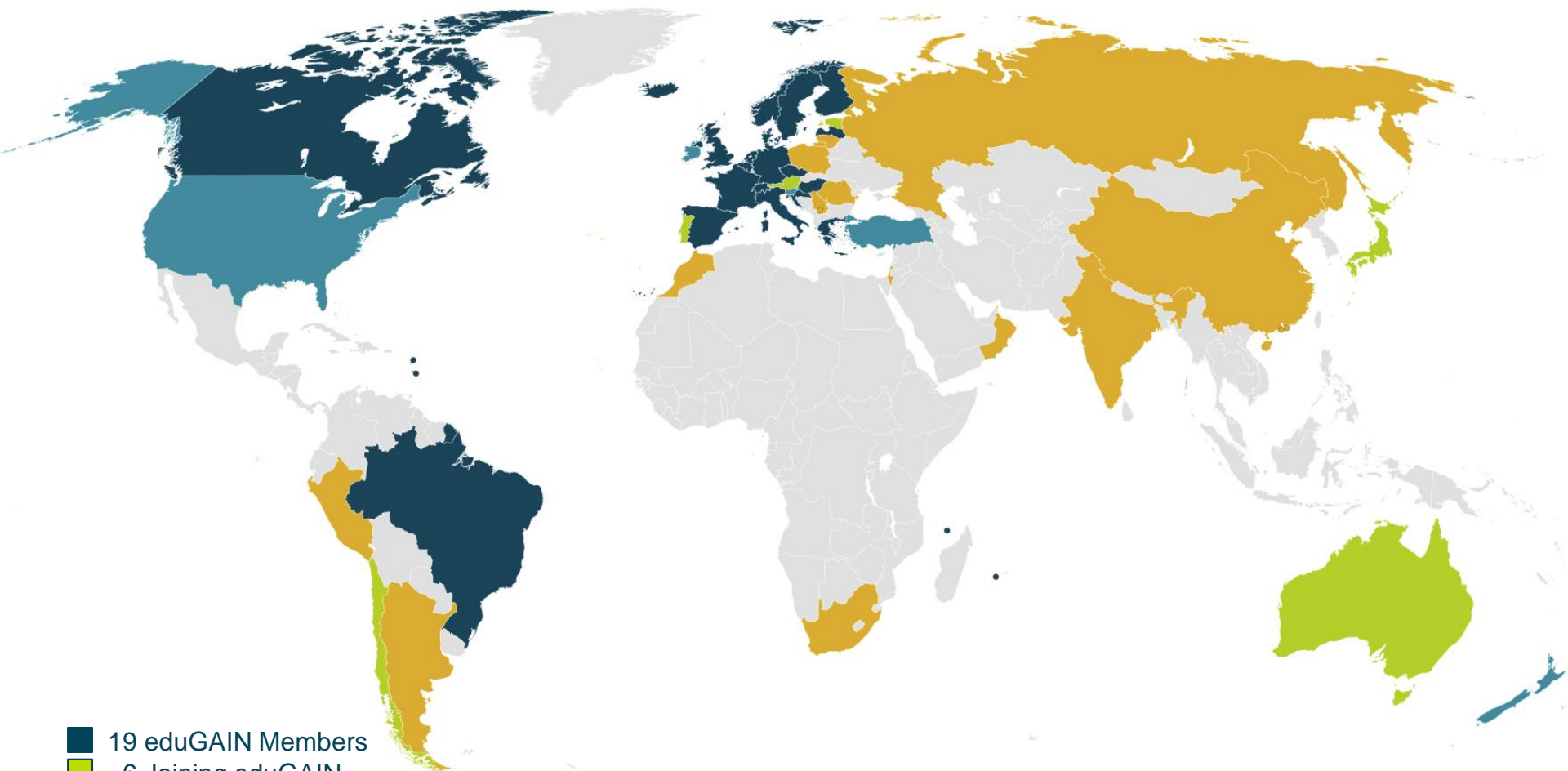
# All About eduGAIN...

- **Global Authentication *IN*frastructure**
- An interfederation service *primarily* for Research & Education
- Stats:
  - ZERO *anythings* two years ago!
  - Now: 19 Federations , 6 Joining, 143 IdPs, 73 SPs
  - Whole SAML landscape (from public metadata):
    - 43 Federations, 2390 IdPs, 4654 SPs
- Wow! Those numbers are big – you have a LOT to do.
  - Yes... ...and we're working on it.
- Engage via [edugain@geant.net](mailto:edugain@geant.net) or [edugain-integration@geant.net](mailto:edugain-integration@geant.net)
- Complaints/comments to @BrookSchofield or [schofield@terena.org](mailto:schofield@terena.org)
  - ...but first – lets distract you with pretty pictures.

# eduGAIN Interfederation Participants



# eduGAIN & Federation Status



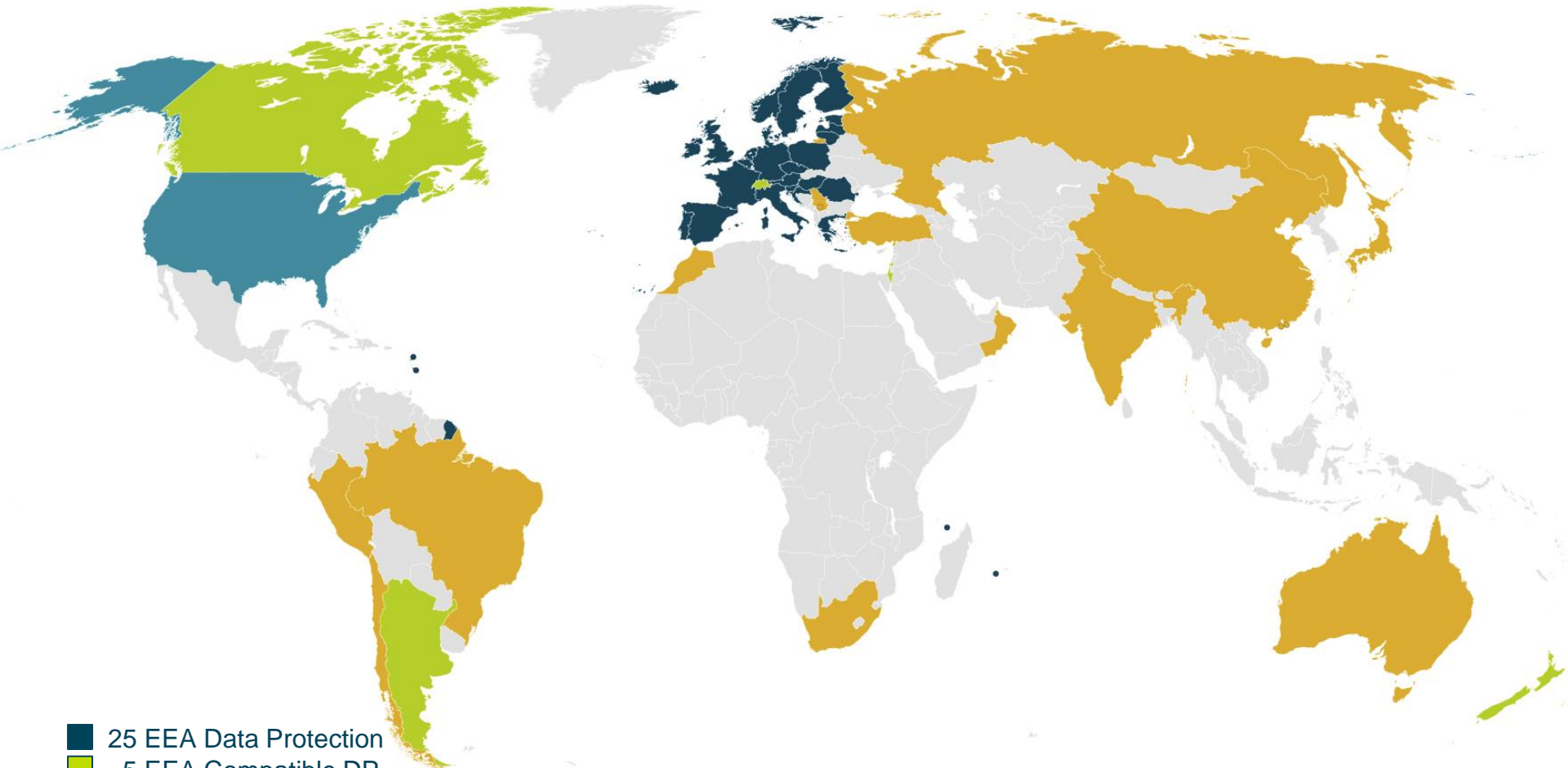
- 19 eduGAIN Members
- 6 Joining eduGAIN
- 5 Candidate Federations
- 13 Emerging Federations

- The team is working on improving these stats:
  - Policy & Code of Conduct (Mikael)
  - Operational Team (Tomasz)
  - Emerging Federations (Brook/Nadia)
  - Project Moonshot Pilot (John)
  - FaaS Study (Marina/Valter)
  - Engaging User Communities (Lukas)
- ...all complementary GÉANT tasks to support the community.
- There are still LARGE federation gaps.
  - You can't connect "air" to eduGAIN.



- Significant piece of work with huge impact
  - All credit to Mikael + team
  - *Potentially* covers a large portion of the community
    - *25 of the 43 Federations (44 countries)*
- Adoption + use still required.
- Scalable solution for the other 19 Federations/Countries
  - More federations are expected

# Federations & GÉANT Code of Conduct



- 25 EEA Data Protection
- 5 EEA Compatible DP
- 1 Safe Harbor (USA)
- 13 Federation outside GÉANT CoC (4 in or joining)

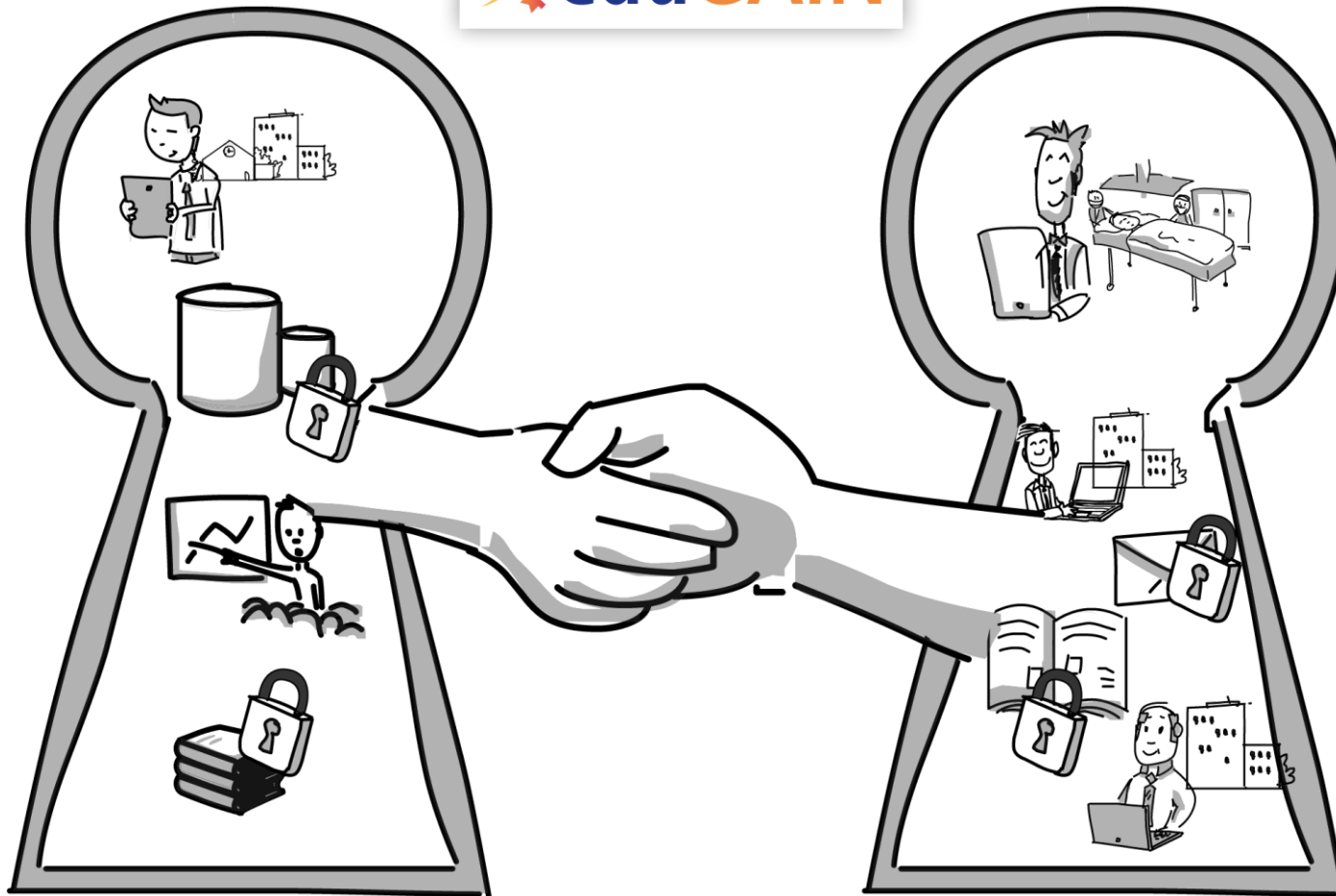
## What will we continue to do?

- Investigate and pilot solutions supporting Data Protection
- Ensure we don't run out of customers (by building more federations)
- Convert the success in building federations → eduGAIN participation
- Engage with the Research Infrastructure community
- Continue to listen... ...and learn.

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# Thank you!



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