



MREŽA ZNANJA

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InAcademia – making eduGAIN better

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Introduction / Context of this presentation

**Student identity as a
product**

**Collaboration in T&I in
Research and Higher
Education**

Who do I address today?



eduGAIN

eduGAIN is the interederation connecting around 70 federations and 8000 IdPs and SPs around the world

InAcademia is a service that grew on top of this collaboration; it's a Service Provider in eduGAIN

In eduGAIN there are typically opt in policies because not all IdPs want to exchange data with all SPs

In this presentation, we will give an overview of InAcademia and how it works



eduGAIN challenges

Interfederation doesn't mean that ALL IdPs release attributes to ALL SPs across ALL federations

“Attribute release” has been partly solved by entity categories, in particular “Research & Scholarship”

But we can better align what eduGAIN is for and add value in the collaboration.

An addition within eduGAIN: inAcademia



Student discounts and InAcademia



Student discount providers request a lot of information from users to prove their affiliation

Some discount providers are registered with national federations, offering nothing in return to our community for their profit-making use of federated identities

InAcademia's proxy shields the users' data while they apply for the discount



Users are asked to provide documentation, which may expose more info than needed (e.g. D.O.B, photo)

They request eduPerson and identity attributes from IdPs, then use them for profit

GÉANT collects a fee from merchants, to be used for the benefit of the federated identity community





And after why?

Who



Commercial services
(using Fed IDs for profit)

Not-for-profit SPs that don't
need (or can't justify) full
federation membership

NREN/Federation operator can
propose national use cases

Where



Only merchants in
EU/GÉANT Membership
countries

If federation operator is actively
supportive of InAcademia (e.g.
policy and/or promotion)

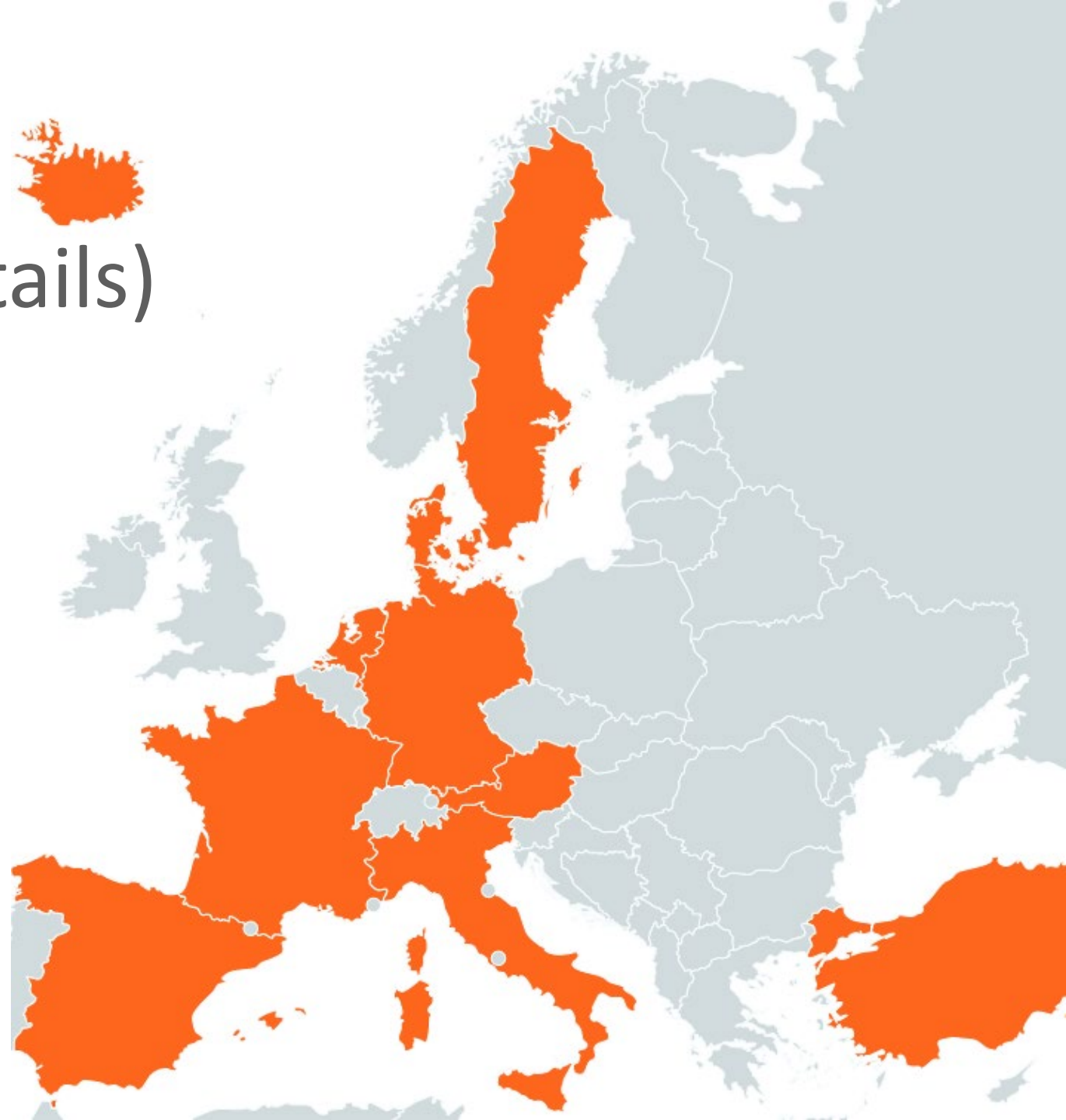
How



IdP hinting allows us to
ensure merchants use
InAcademia only where
permitted

Where (more details)

- InAcademia benefits Identity Federations, IdPs, Users and Merchants...
- ...to reduce support effort and enhance privacy
- Currently utilized in nine identity federations: Austria, Denmark, France, Germany, Italy, Spain, Sweden, the Netherlands, Turkey
- Data minimised for over 1.5 million sessions so far in 2022!
- 940 participating IdPs across Europe so far



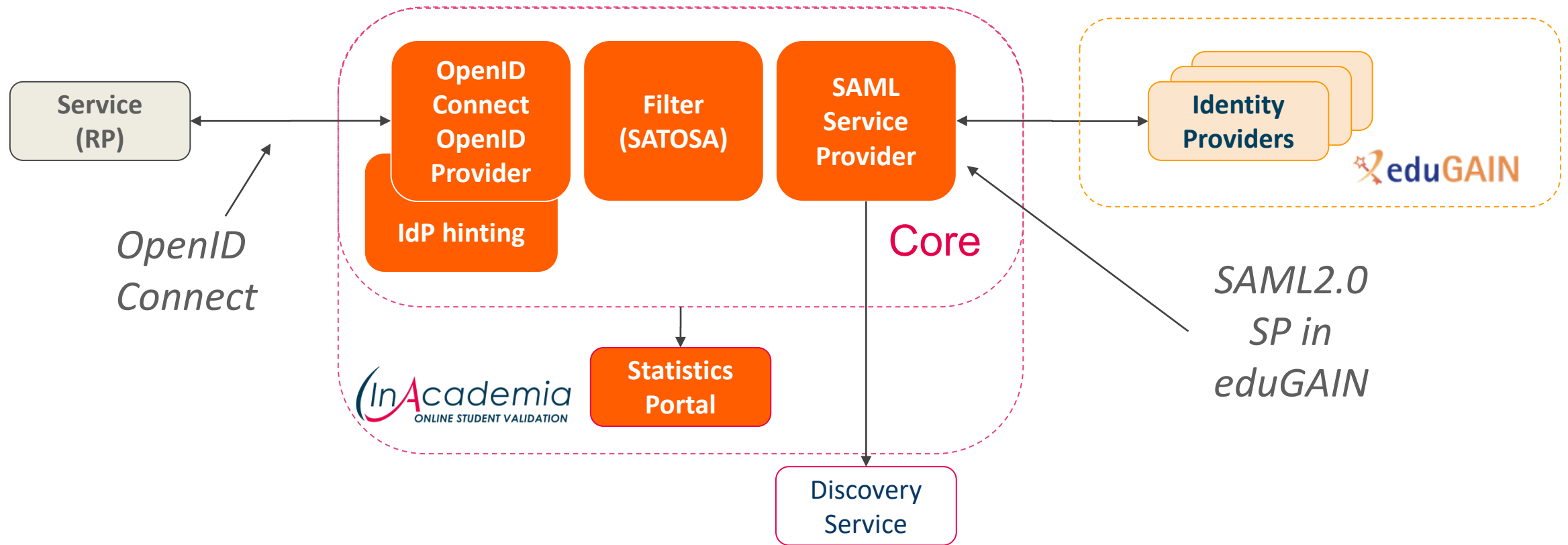
Run for the Community, by the Community

- Operated in the GÉANT GN4-3 project by GÉANT and SUNET
- Steering Committee of participating NRENs





But how, really?





National federation policies

Large retail services have been operating in eduGAIN for sometime; and in those cases the SP can request as many attributes as it would like. Mandating that retail services must use InAcademia allows users to access discounts without compromising their privacy.

Federations that filter Retail SPs from eduGAIN (only InAcademia is allowed to validate student affiliation):

National Identity Federations where Retail SPs can choose whether to use InAcademia or eduGAIN:

	Sessions in 2022	InAcademia services
France	533,231	2 international
Sweden	78,680	2 international
The Netherlands	173,488	1 national 2 international
Turkey	218,007	2 international

	Sessions in 2022	InAcademia services
Austria	4895	2 national
Denmark	47,810	1 international
Germany	34,056	1 national
Italy (hybrid)	225,793	1 international
Spain	223,947	1 international



Downstream services

SheerID hosts retailers such as Spotify, YouTube Premium, TIDAL, Soundcloud, BackMarket, but also at Autodesk, Clarivate.

Validating student affiliation at MyUNiDAYS.com gains access to a student discount marketplace.

	InAcademia services
France	SheerID MyUNiDAYS
Sweden	SheerID MyUNiDAYS
The Netherlands	SheerID MyUNiDAYS Koninklijke Bibliotheek
Turkey	SheerID MyUNiDAYS

	InAcademia services
Austria	eduStore Ubook.at
Denmark	SheerID
Germany	Studentenrabatt.com
Italy (hybrid)	SheerID
Spain	SheerID



How could it work at ARNES?

Policy first (whether to allow existing SPs that use eduGAIN to access your IdPs)

ARNES can be part of the governance and help to steer
Work together to onboard national use cases
GÉANT onboards the international use cases

Introducing new merchants is designed to be flexible and simple

GÉANT co-ordinates the legal & commercial negotiations, and takes care of the onboarding

InAcademia service team...

- Registers the merchant and helps the onboard,
- Monitors operations and helps to identify any problematic IdP configuration





Benefits of InAcademia

- Helps to identify and resolve configuration issues with IdPs, which assists interoperation with all eduGAIN SPs
- IdPs or federations spend less time supporting merchants
- Helps to coordinate relationships with large merchants, ensuring a consistent message to those operating internationally

In countries where retail merchants are using InAcademia...

- Users are less likely to be asked to upload scans of student identity cards, offer letters, etc
- Users can access a range of discounts whilst protecting their privacy
- Commercial/retail organisations are unable to harvest personal data from federated identity providers



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How to get involved

Introspection

Contact us

Testing

Contact again