



The European Student Identifier

What it is and how will it allow students to access the new Erasmus online tools?

Webinar

Victor Aguilar
May 28, 2020



The road travelled

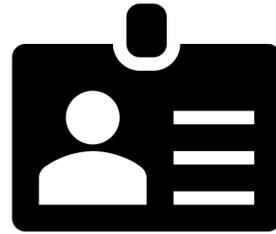
- 2014: Online Learning Agreement
- 2015: Erasmus Without Paper
- 2017: Erasmus+ Mobile App



Co-funded by the
Erasmus+ Programme
of the European Union

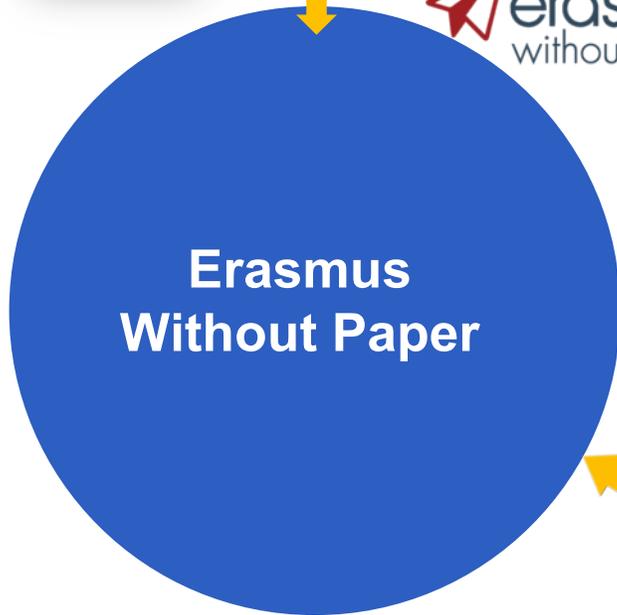


ErasmusID = interoperability

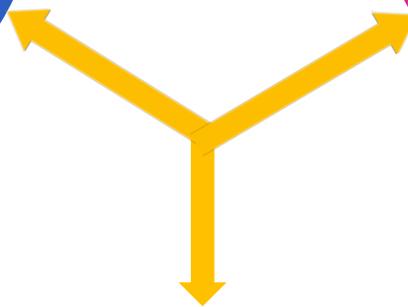




Single entry point for institutions



Single entry point for students



It sounds good!

It does!

So?

Well...

There is still a lil' challenge to overcome

(More like three, tbh)





Challenge #1

How to know that a student using the tools is actually one?



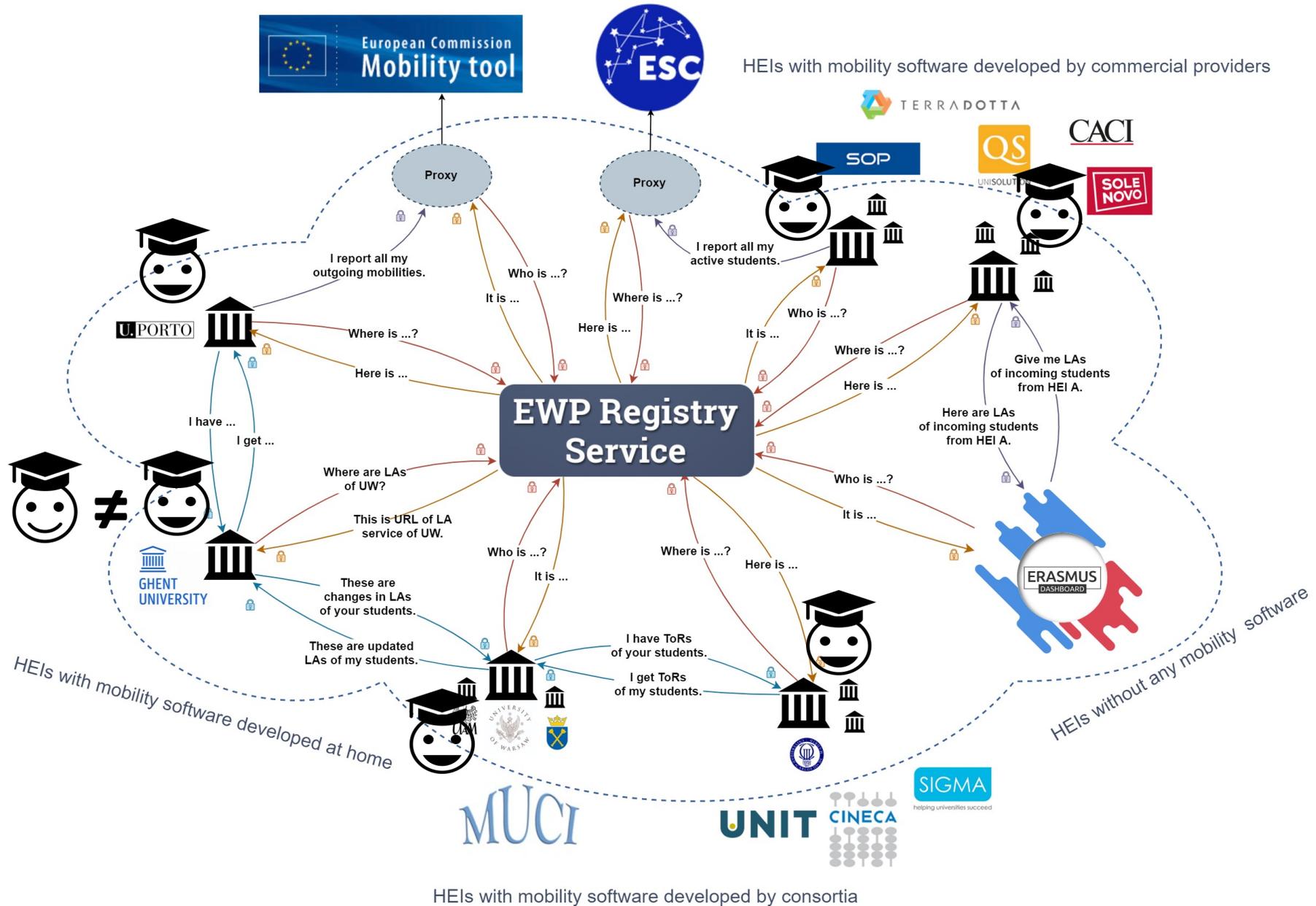


Challenge #2

How to ensure that different systems consistently recognise a given student as the same student?



EWP Network Infrastructure



HEIs with mobility software developed by consortia

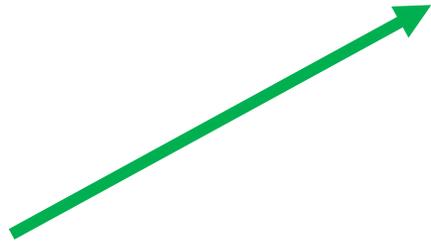


Challenge #3

Further development: enabling new functionalities requires knowing additional information about the student beyond their status
[e.g. university of origin]



universität
wien



UNIVERSITEIT
GENT



UNIVERSITÉ DU
LUXEMBOURG



U. PORTO



Challenge accepted



Possible solutions



Federated authentication



**THE EUROPEAN
STUDENT CARD**



A unique European Student Identifier

A new project was born!



**Co-financed by the Connecting Europe
Facility of the European Union**



A Single European eID Scheme for Higher Education

Students will be able to:

- a) Authenticate their **student status** online in a reliable, consistent and safe way.
- b) Use their **academic credentials** to access multiple student e-services through a single sign-on.
- c) Use their **citizen eID** to enroll at higher education institutions and link their citizen and student digital identities.



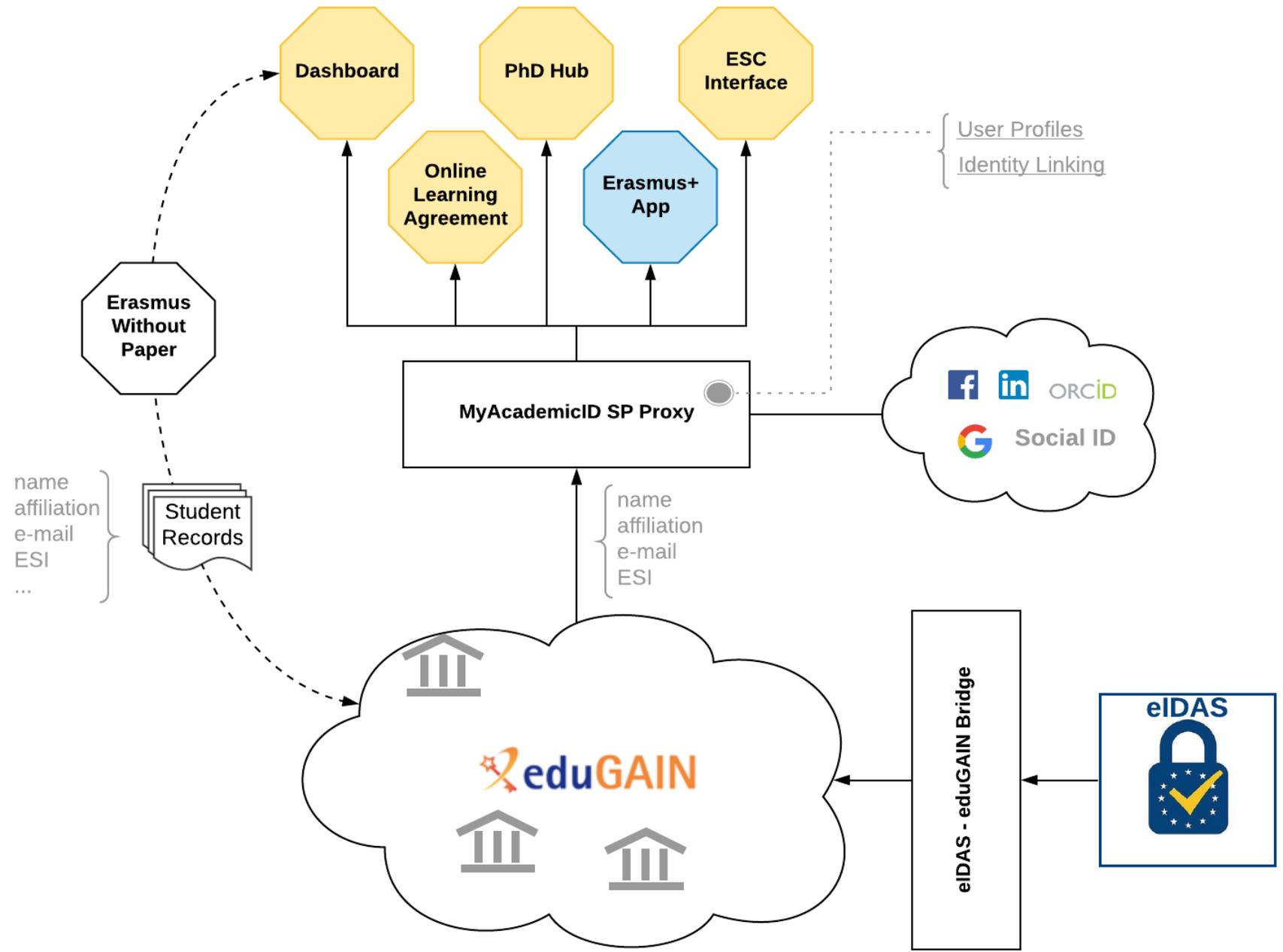
Really?





Reason #1

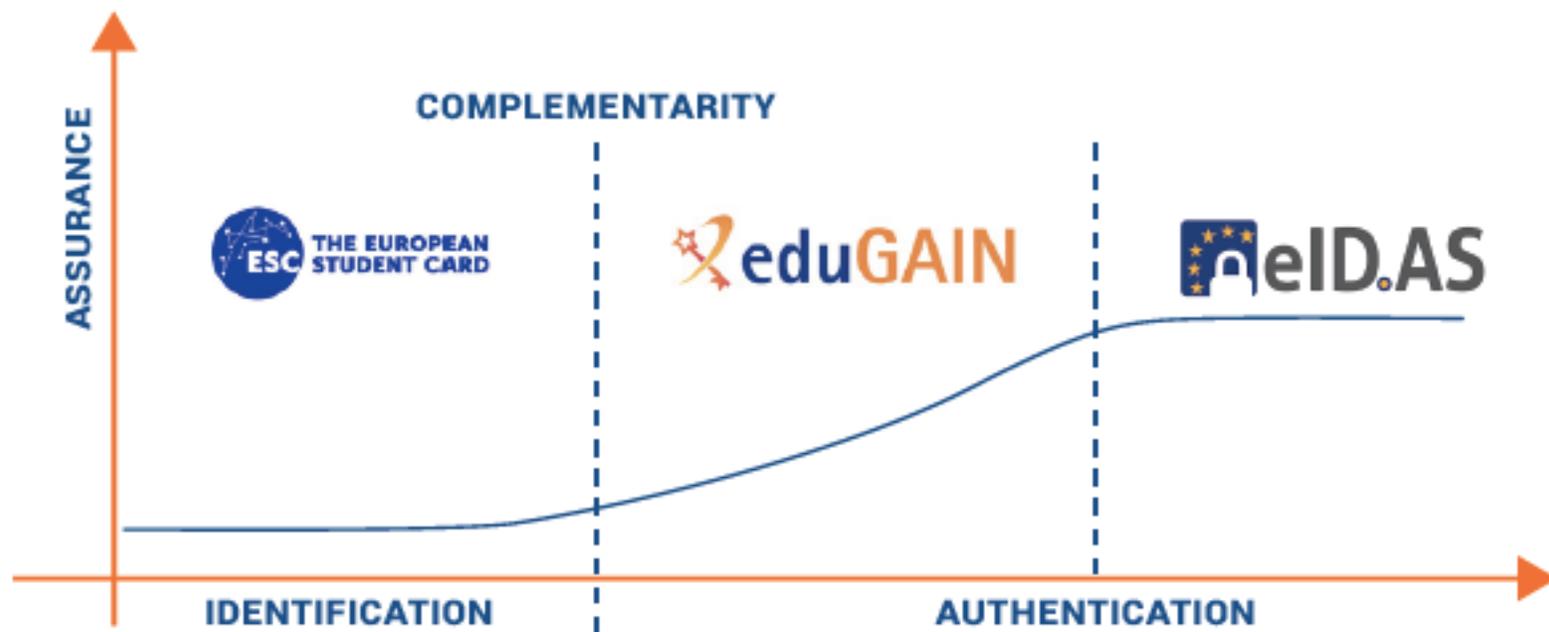
MyAID combines the best elements from existing digital infrastructure and tools to power the Erasmus tools





Reason #2

MyAID bootstraps identification and authentication solutions that used to operate in silos



The European Student Identifier 2.0

```
urn:schac:personalUniqueCode:<country-code>:<eNS>:<sHO>:<code>
```

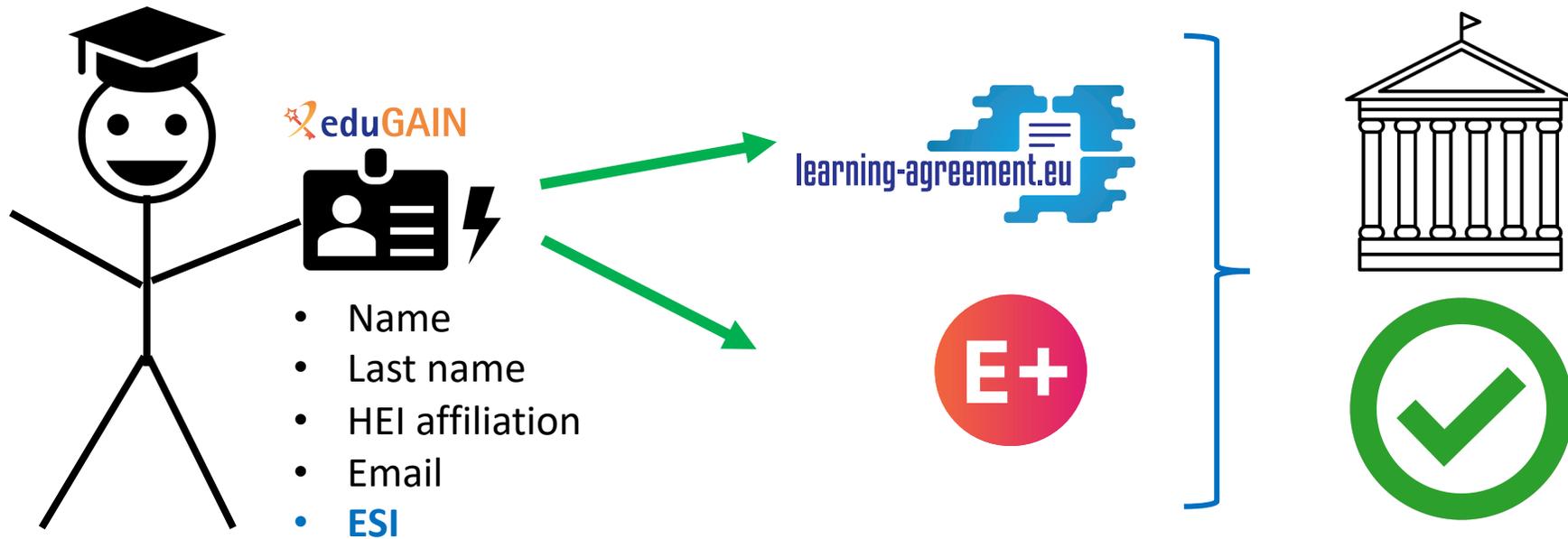
Characteristics:

- Globally unique
- Persistent
- Non-targeted
- Protocol neutral
- Data transport neutral

It reliably identifies students across different e-services!



Student access to e-services powered by MyAID



Challenges



#1 How to know that a student is one?

#2 How to consistently identify the same student across different services?

#3 How to go beyond the mere student status to enable new functionalities?

How to join eduGAIN?





How to deploy MyAcademicID Schema

Licia Florio (GÉANT)
Christos Kanellopoulos (GÉANT)

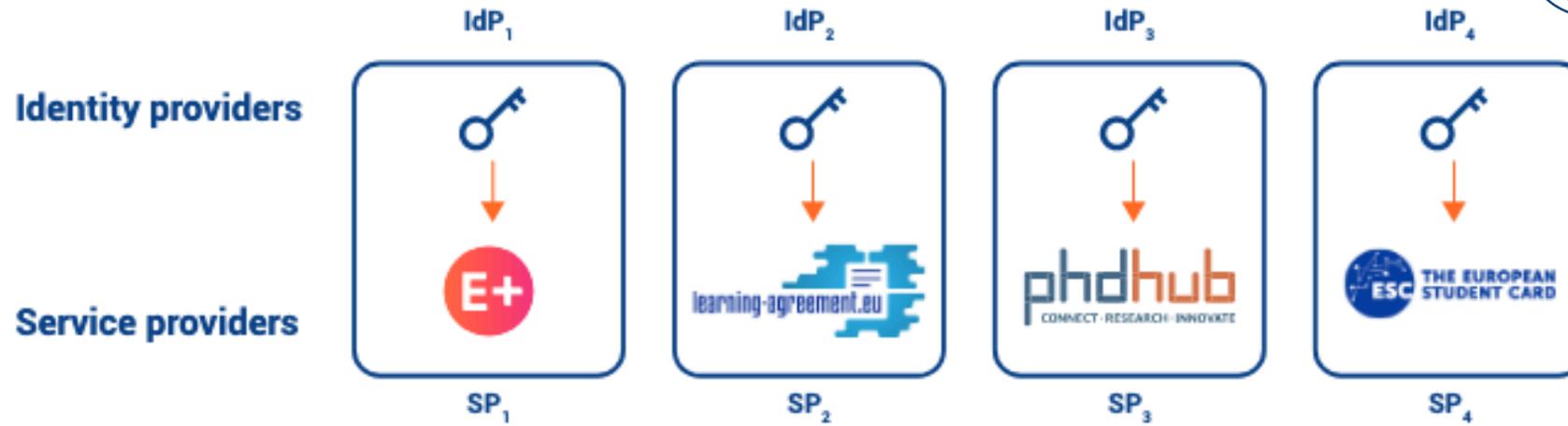


Co-financed by the Connecting Europe
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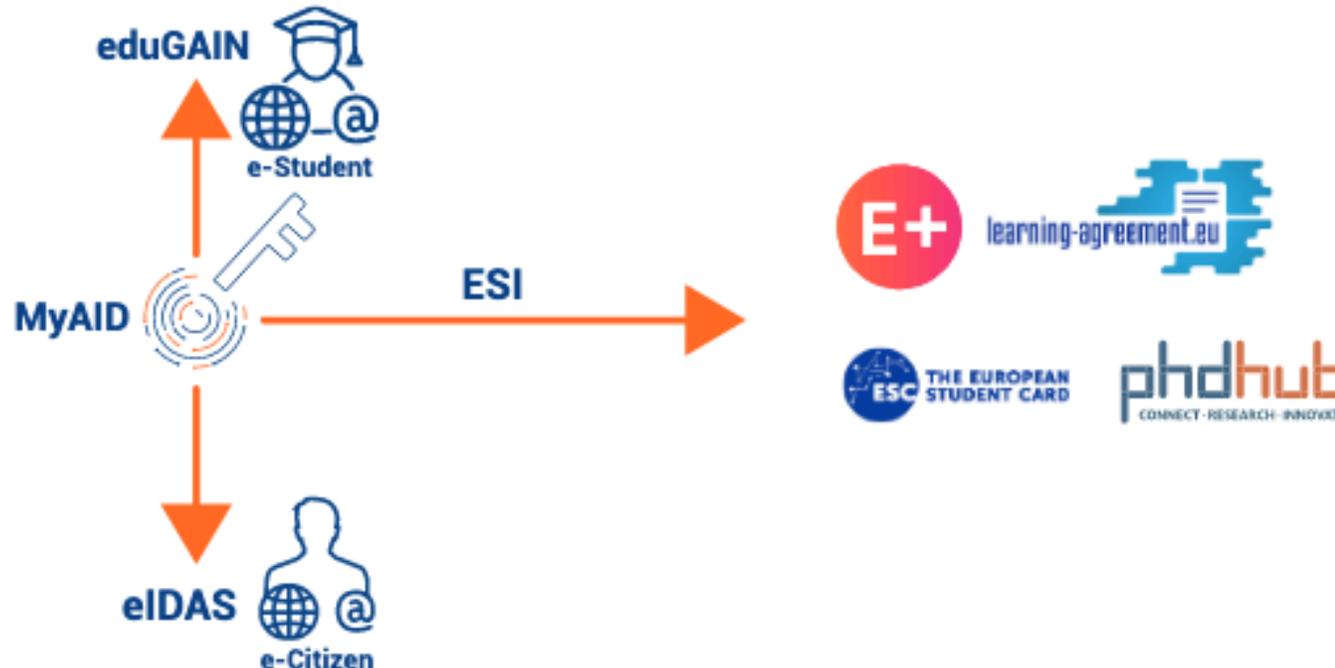
Figure 1 - One eID scheme to access them all



Current situation



MyAcademicID



Fewer silos and greater access through a single-sign-on.

By integrating multiple eIDs from different ecosystems, MyAID provides a single student eID scheme for higher education that allows students to access multiple e-services by using their academic or national credentials.

How are we going to achieve this ?

Enabling federated access

Users log in once and access services they need to for Erasmus purposes.

Building on existing production infrastructures

Integrating them to fit Erasmus community needs

Requirements

Erasmus services require to know
who a person is, what their home university is and which services the person is using

- Authenticate once and access thousand of resources

Federated access enable users to access a wide range of services using a single account managed by their 'home' institution.

- Improves access and security
- Complies with GDPR
- Reduces management overhead and costs.
- Allows for higher credential assurance if required

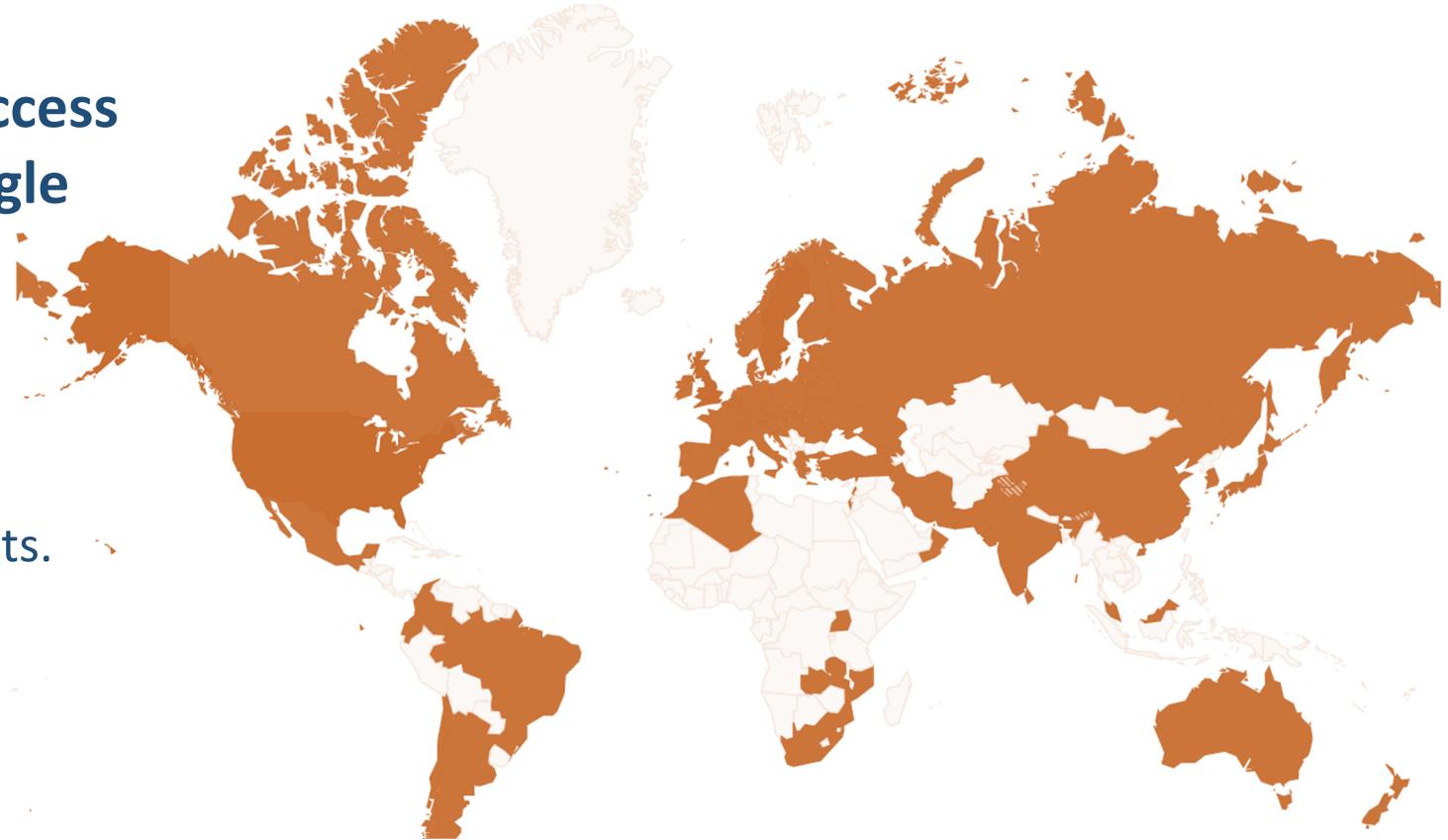
Nov 2019 (production since 2011):

68 Federations

3144 Institutions

2656 Services

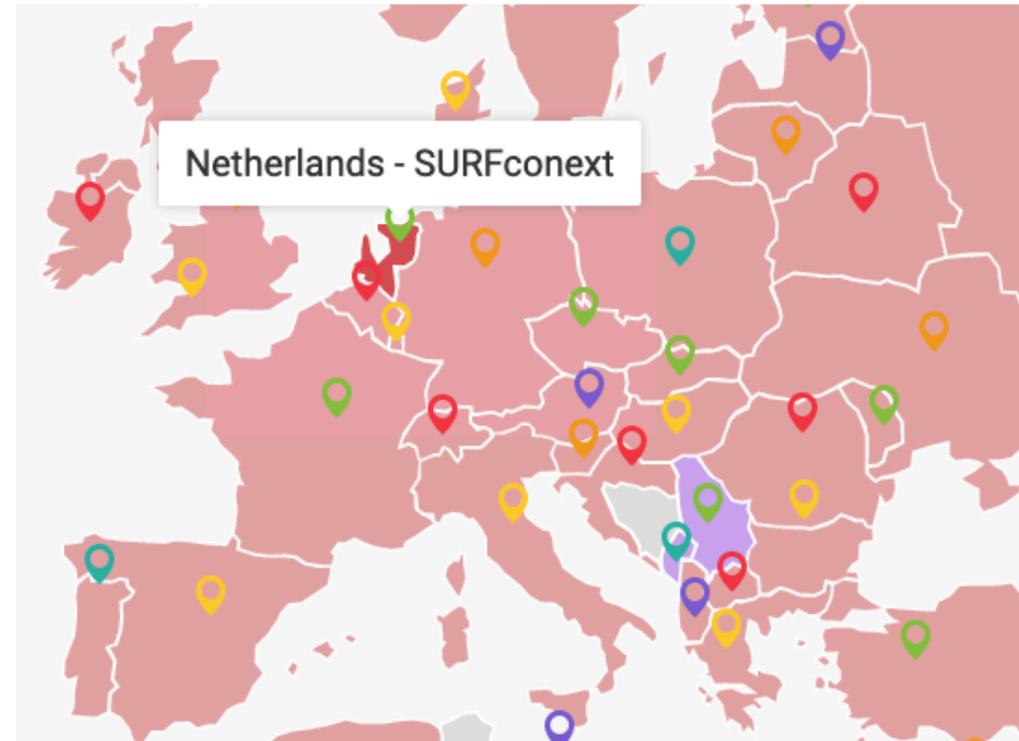
~30M users



<https://edugain.org>

Is my institution in eduGAIN ?

<https://refeds.org/federations/federations-map>



Great my university is already in eduGAIN,
what should I do ?

Ask your home institution/IT department to deploy the ESI as
schacPersonalUniqueCode

<https://wiki.geant.org/display/SM/Draft+ESI+Specification>

Oh, my university is not in eduGAIN...what should I do?

We can help

- If you are in Europe:

- Get in touch with your federation/NREN to get technical support to join the national federation
- Requires creating an Identity Provider
- And signing the federation policy

- If you are not in Europe

- Locate your federation NRENS
- We can help get in touch with them

Questions ?

www.slido.com

using the event code **#75581**

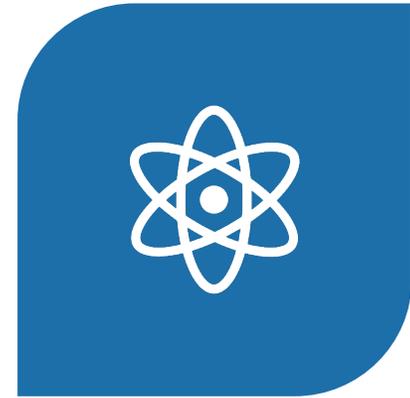
Up until now we have...



IDENTIFIED A
PROBLEM

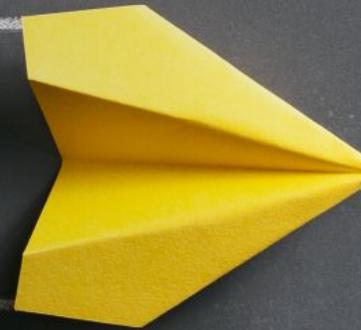


DESIGNED A SOLUTION



TALKED ABOUT HOW
TO IMPLEMENT IT

Now comes the fun
part... using it to our
advantage!



Joao Bacelar (EUF)



#1 OLA and App login





#2 Pre-filling information





#3 Smart redirect





#4 EWP mix & match





#5 OLS and MT+





#6 Apply to go abroad ('21)





#7 Automatic ToR ('21-22)



Stay tuned!

Webinar – The ESI: what and how?

28 May 2020

10.30 – 12.00

Webinar – What to expect of the new Erasmus App?

11 June 2020

10.30 – 12.00

Webinar – A sneak peek into the new OLA!

25 June 2020

10.30 – 12.00

ERASMUS
— *Going* —
DIGITAL

<https://uni-foundation.eu/>



Where to start?

1. Check out the technical documentation on the [MyAID website](#)
2. Verify if your institution is participating in [eduGAIN](#)
3. If not, check if it is an option and get in touch with your National Research and Education Network: <https://technical.edugain.org/status>
4. Liaise with your IT department and make sure that your institution can:
 - a. Support the deployment of the European Student Identifier (ESI) in your local information systems
 - b. Release the relevant attributes via eduGAIN: name, last name, home organisation, email, ESI

Thank
you!

Resources

MyAcademicID

<http://www.myacademic-id.eu/>

Erasmus Without Paper Competence Centre

<https://cc.erasmuswithoutpaper.eu/>

eIDAS

<https://ec.europa.eu/digital-single-market/en/e-identification>

eduGAIN

<https://edugain.org/>

National Research and Education Networks

<https://technical.edugain.org/status>

European Student Card Initiative

https://ec.europa.eu/education/education-in-the-eu/european-student-card-initiative_en

¿?

