

# The Authentication Journey in Erasmus+

Offering a seamless user experience

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# Authentication of students in Erasmus+

*Landscape in 2019*

Amazing growth  
of the E+  
programme

EWP  
infrastructure in  
production

ESCI: support the  
digitisation of the  
E+ program  
*(online access to E+ services)*

Roadmap to paperless  
mobility

2021 - to manage  
online learning  
agreements

2022 - to manage  
inter-institutional  
agreements

# Authentication of students in Erasmus+

*Landscape in 2019*

ESCI: support the digitisation of the E+ program

Provides the studentness

Identifies natural persons

 GÉANT

 eduGAIN

Enables federated access to services operated by national R&E identity federations that participate in eduGAIN (prod 2011)

 eIDAS

Enables secure and seamless electronic interactions between businesses, citizens and public authorities across European borders

# 2020: MyAcademicID IAM service



MyAID IAM launched in  
Nov 2020



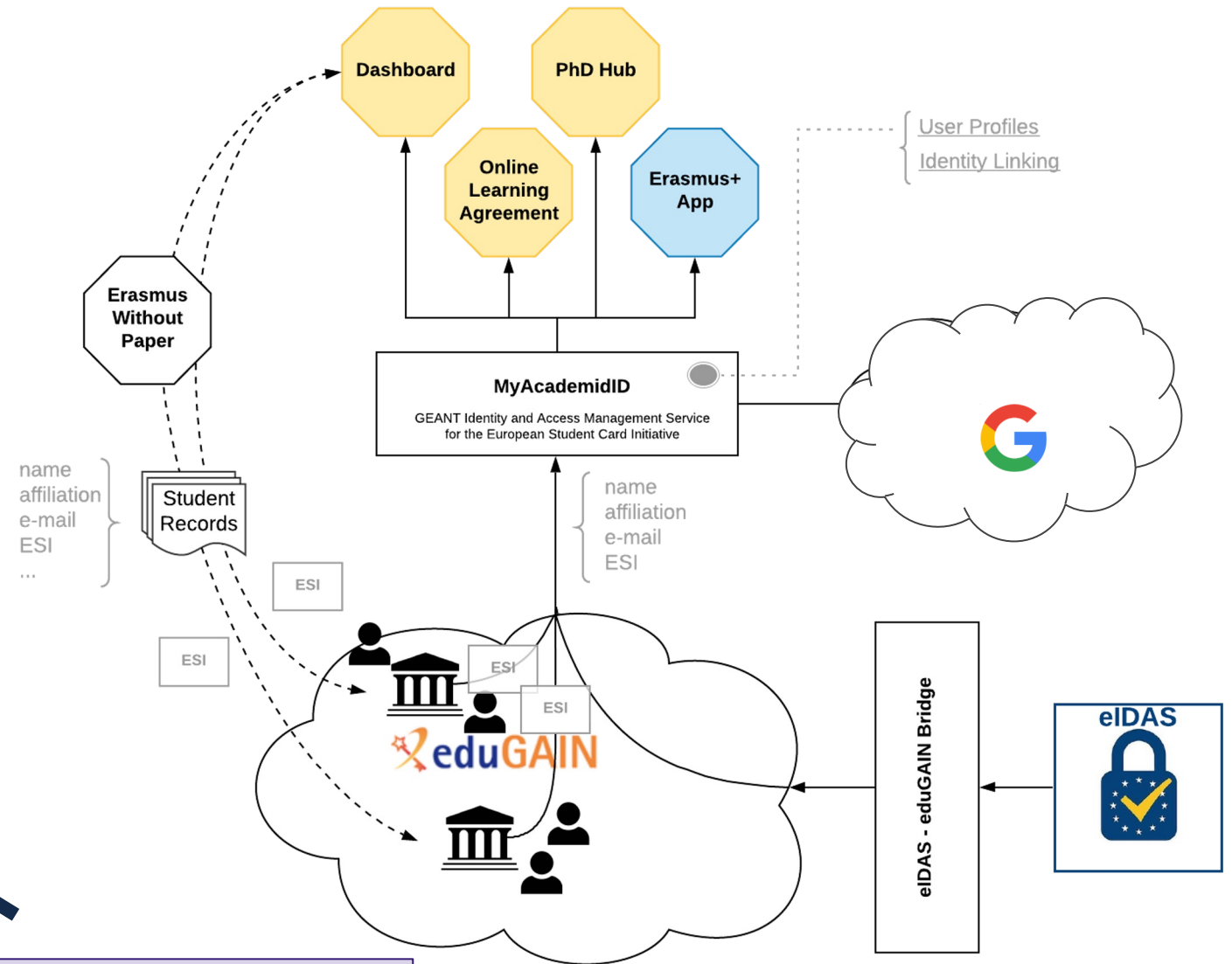
MyAID IAM operated by  
GÉANT



Leverages eduGAIN and  
eIDAS



Enables transfer of ESI



<https://wiki.geant.org/display/SM/European+Student+Identifier>

# No student left behind: the IdP of last resort

Even though a large percentage of the HEIs are available in eduGAIN through their national academic identity federations, there are HEIs which do not have the ability yet to enable federated access for their students.

**Main Scenario: Users come from HEI without an IdP and there is no national solution available**

# 2021: Central IdP of Last Resort for E+

- Available for HEIs that are included in the ECHE Whitelist.
- Enables these HEIs to manage the affiliation and the ESI
- The ECHE Whitelist is managed by DG EAC, public of copy of the ECHE Whitelist: <https://wiki.geant.org/display/SM/ECHE+Whitelist>
- Basic criteria for a HEI to be on the whitelist:
  - The HEI is not in eduGAIN
  - No national ID nor other solution provided to them by their National Research and Education Network

August 2021

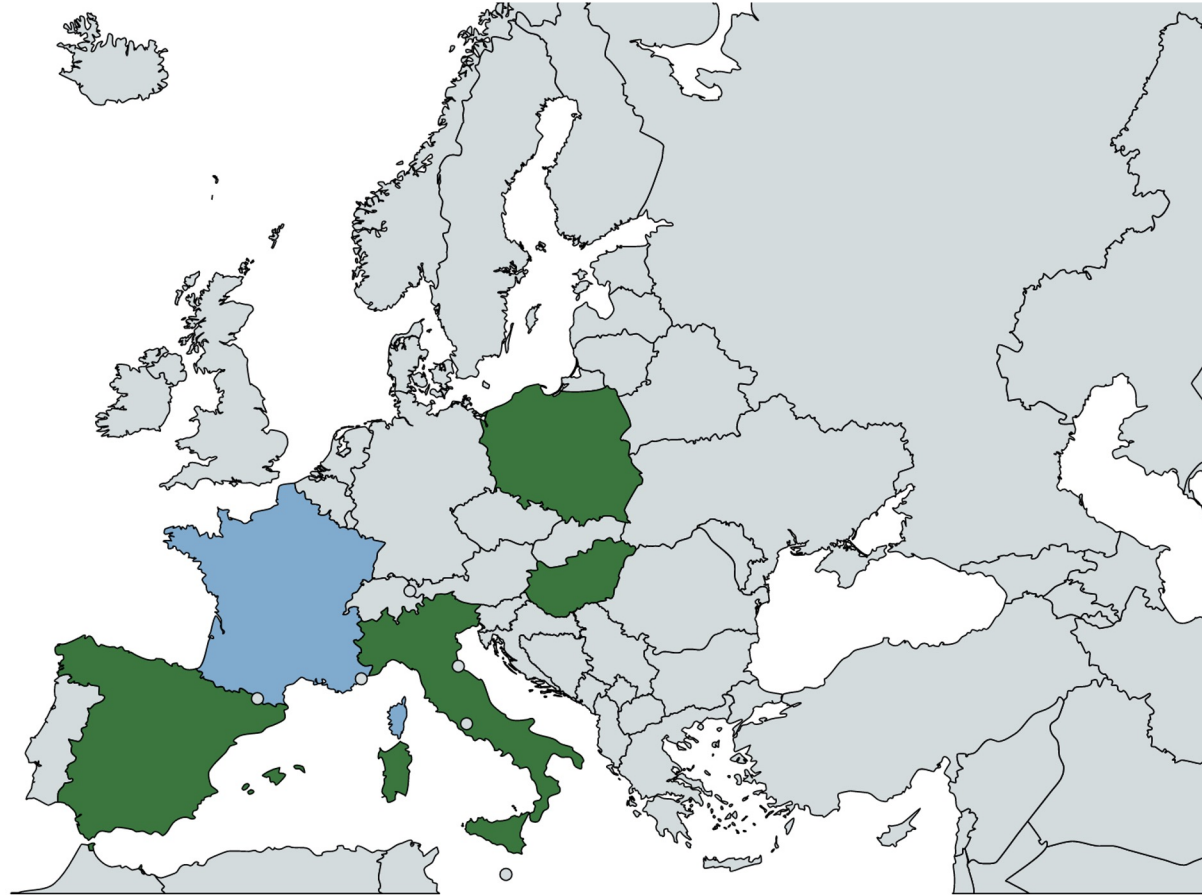
**397**  
**HEIs**

June 2023

**424**  
**HEIs**

Ideally we would like to see the numbers going down

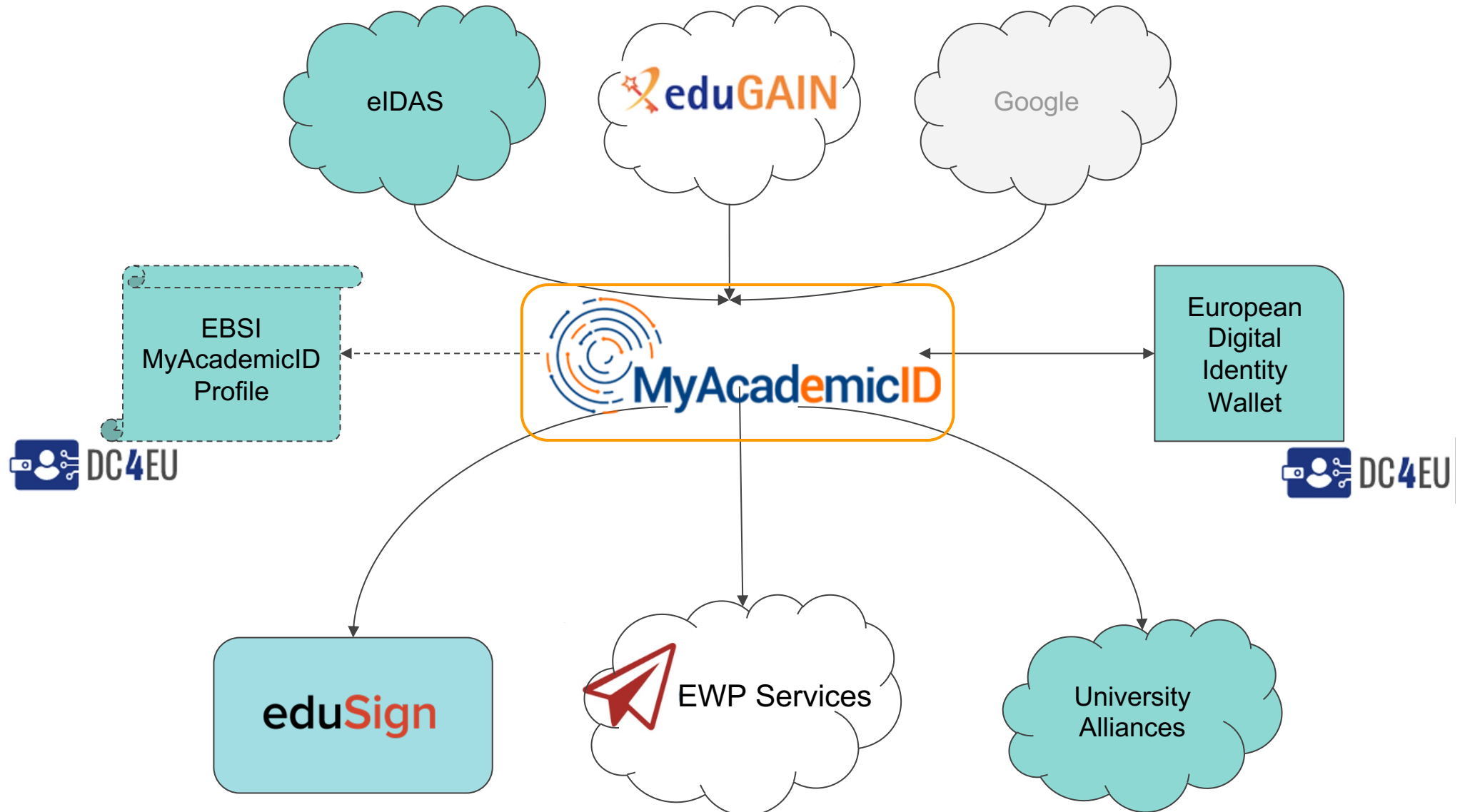
# National IdP of Last Resorts for E+



- France (under development)
- Hungary
- Italy
- Poland
- Spain

# In summary: many achievements

*And more work ahead*





# References

- To know more about MyAcademicID in general:
  - <https://myacademic-id.eu/>
- To know which attributes HEIs should release via their federation/eduGAIN to enable federated access to the EWP services:
  - <https://wiki.geant.org/display/SM/MyAcademicID+Identity+and+Access+Management+Service>
- To know more about the ESI and how to release that via national federations/eduGAIN:
  - <https://wiki.geant.org/display/SM/European+Student+Identifier>
- To find out more the IdP of last resort:
  - <https://wiki.geant.org/display/SM/IdP+of+Last+Resort>
- To register an international service provider to MyAcademicID:
  - <https://wiki.geant.org/display/SM/Registering+services+on+MyAcademicID>

**Thank you !**