



How GEANT IdP of last resort enables a seamless mobility experience

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The MyAcademicID Identity and Access Management

MyAID Key Facts



Enable NRENs to support a very important and large use-case



MyAID IAM launched in
Nov 2020



MyAID IAM operated by
GÉANT



MyAID IAM based on
eduTEAMS

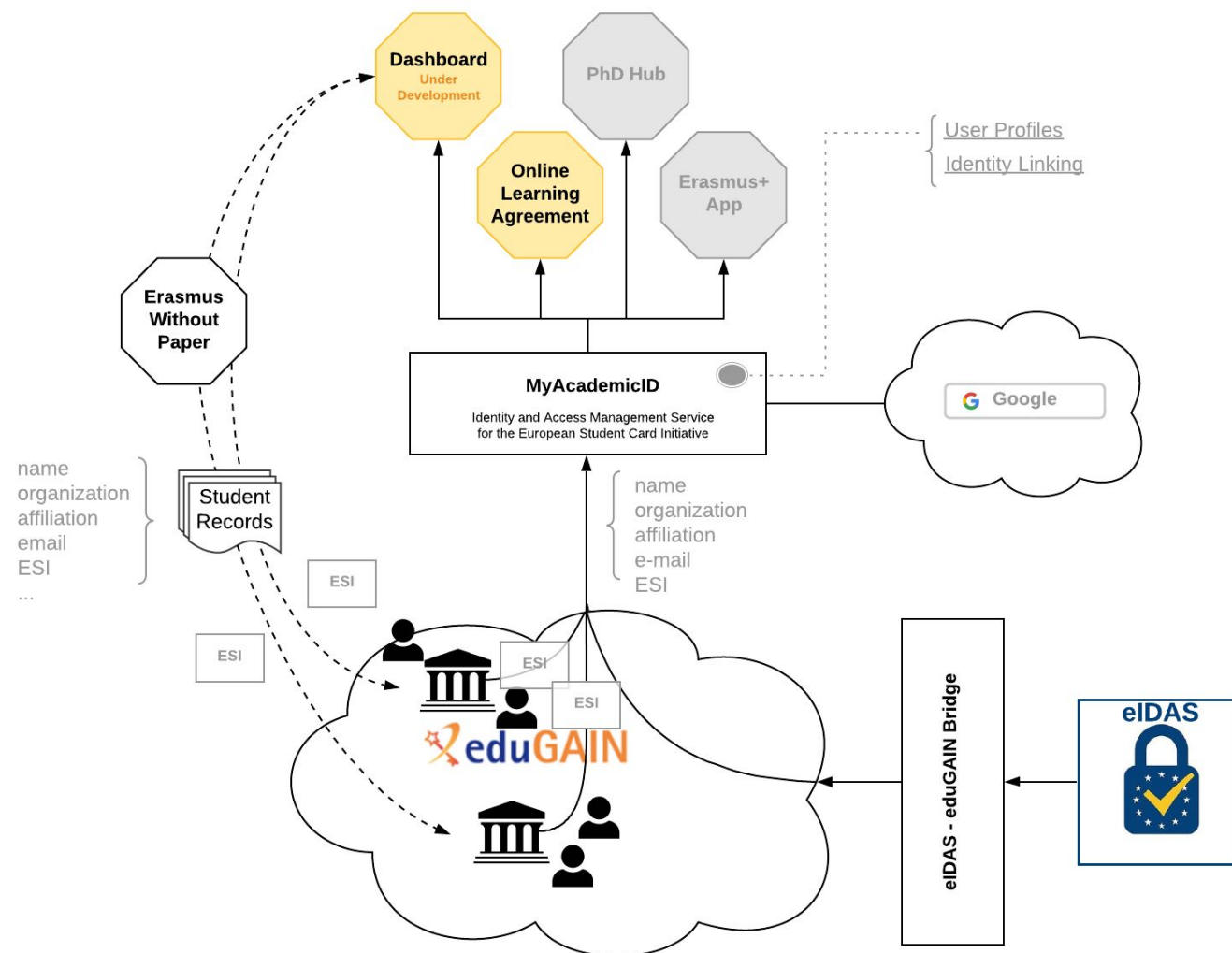


Leverages eduGAIN and
eIDAS

The MyAcademicID Authentication Proxy:



- The MyAcademicID Service was launched in November 2020
MyAcademicID Project
- Provides an Authentication Proxy for the core Erasmus+ services (Online Learning Agreement, Dashboard, PhD Hub and the Erasmus+ App).
- Supports authentication via eduGAIN, eIDAS and Google



European Student Identifier (ESI)

Exchange of student records between the sending and the receiving institutions and the services.

The exchange of records and authentication of students are separate, thus the need for an identifier that will follow the student

The identifier is protocol neutral

Join the discussion

Rolling out the ESI

- Weekly coordination calls with the NRENs to support the roll out of the ESI and the support of the required attribute set
- Developed the ESI Entity Category to enable the release of the ESI to more services (beyond EDSSI)

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/ Student Mobility Home / European Student Identifier

European Student Identifier Entity Category

Created by Christos Kanellopoulos, last modified by Peter Schober on Nov 10, 2021

Overview

All Identity Providers are invited to use the European Student Identifier Entity Category to manage the release of the European Student Identifier [ESI] attribute value to Service Providers meeting the requirements described below.

This definition is written in compliance with the Entity Category SAML Entity Metadata Attribute Types specification [EntityCatTypes]; this specification may be extended to reference other protocol-specific formulations as circumstances warrant.

1. Definition

The purpose of the European Student Identifier entity category is to support Higher Education Institutions (HEI) in identifying students as part of formal learning and teaching activities and/or the administrative activities related to those. These activities require data exchanges to take place, primarily, within or between institutions. The ESI plays a significant role in reliably identifying the students throughout these data exchanges.

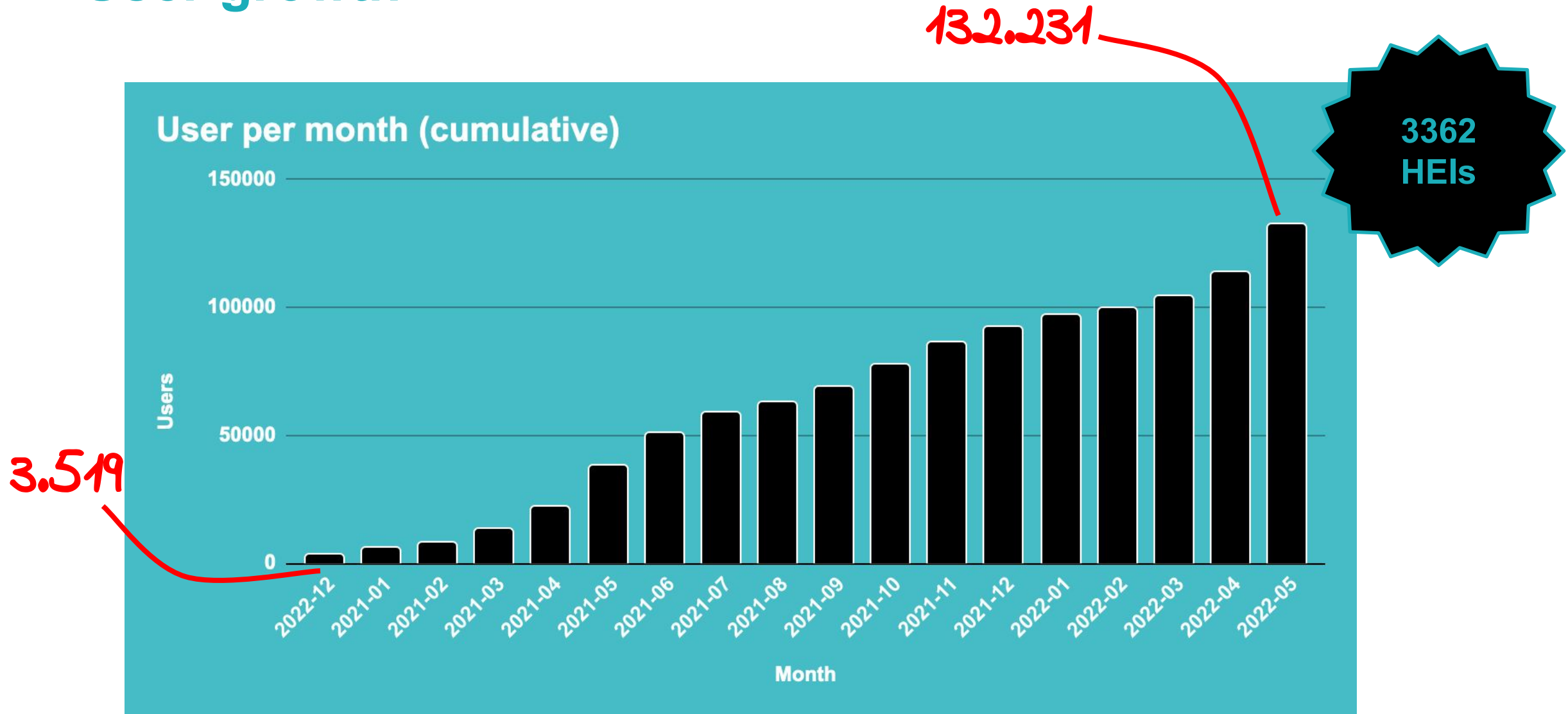
This entity category may be used together with other entity categories to transfer additional attributes.

2. Registration Criteria

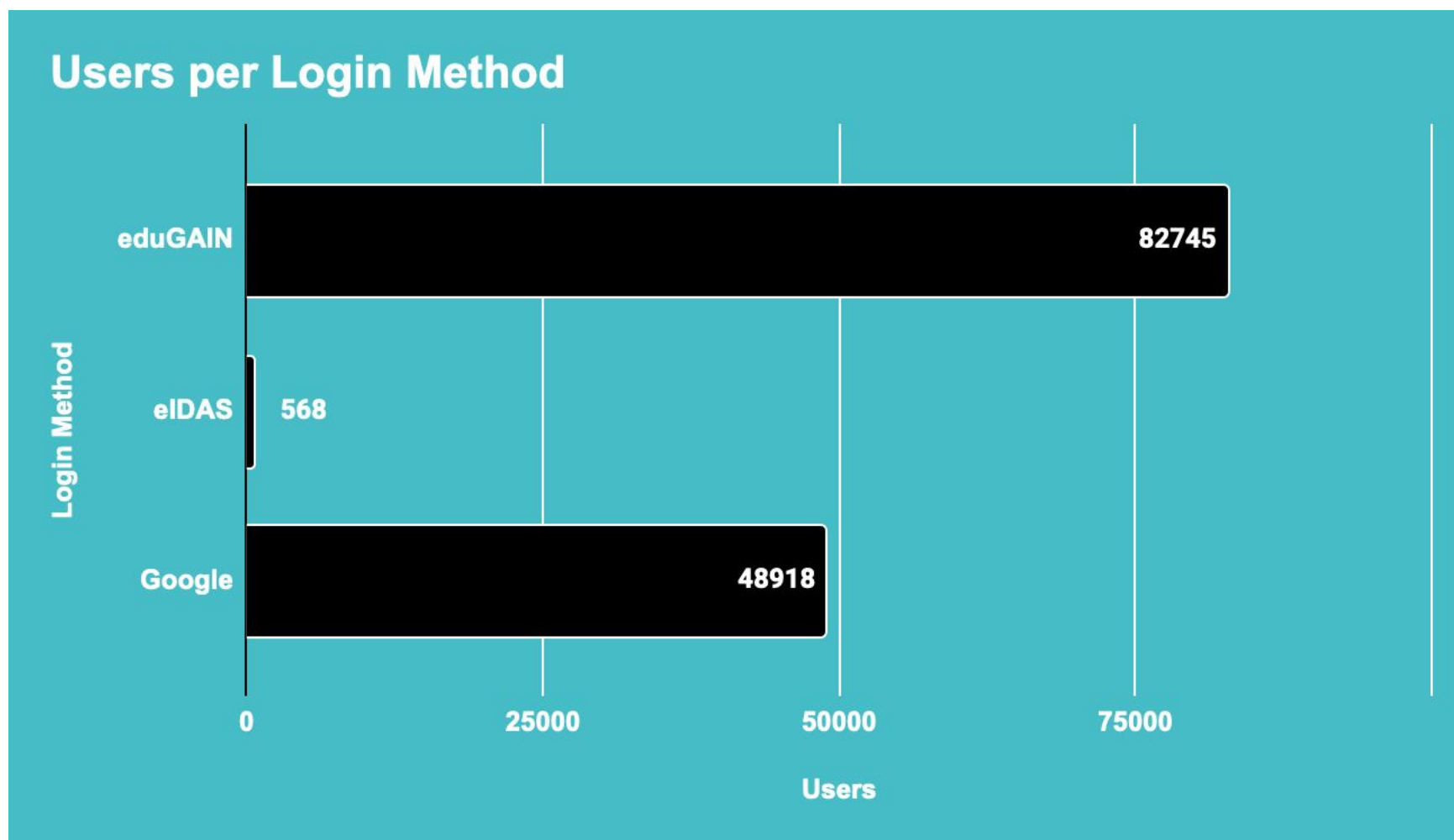
This Entity Category is addressed to any Service Provider Organisation established in any of the Member States of the European Union and in any other countries belonging to the European Economic Area (Iceland, Liechtenstein and Norway).

<https://wiki.geant.org/x/QwKCFQ>

User growth



Login methods used by users



IdP of Last Resort

IdP of Last Resort

- MyAcademicID leverages eduGAIN to retrieve the ESI, the affiliation and user information from the HEIs the user is studying at.
- 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.

Various scenarios

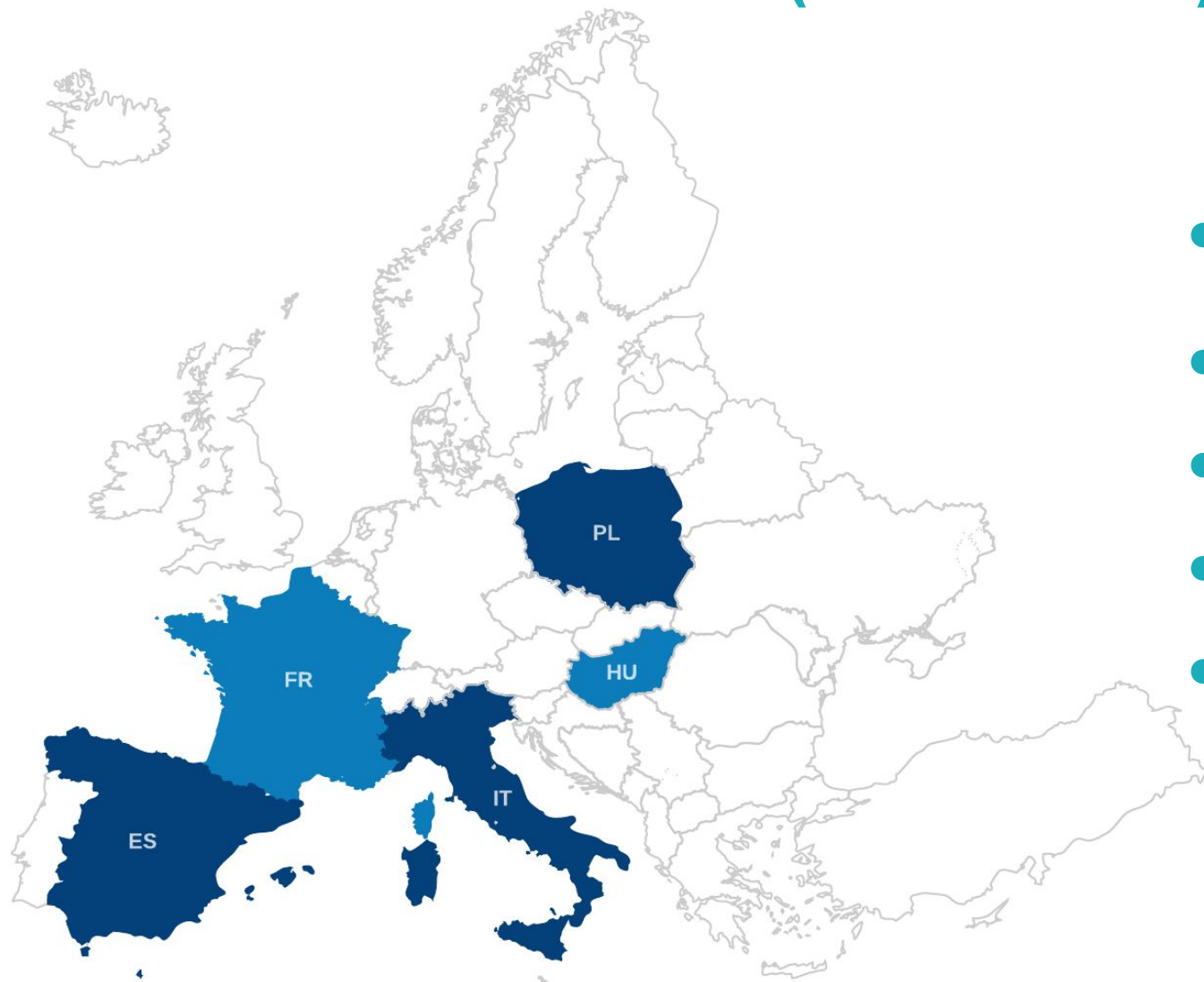
Scenario 1: Users come from HEI already connected to National Federation/eduGAIN

Scenario 2: Users come from HEI not in eduGAIN

Scenario 3: Users come from HEI without an IdP

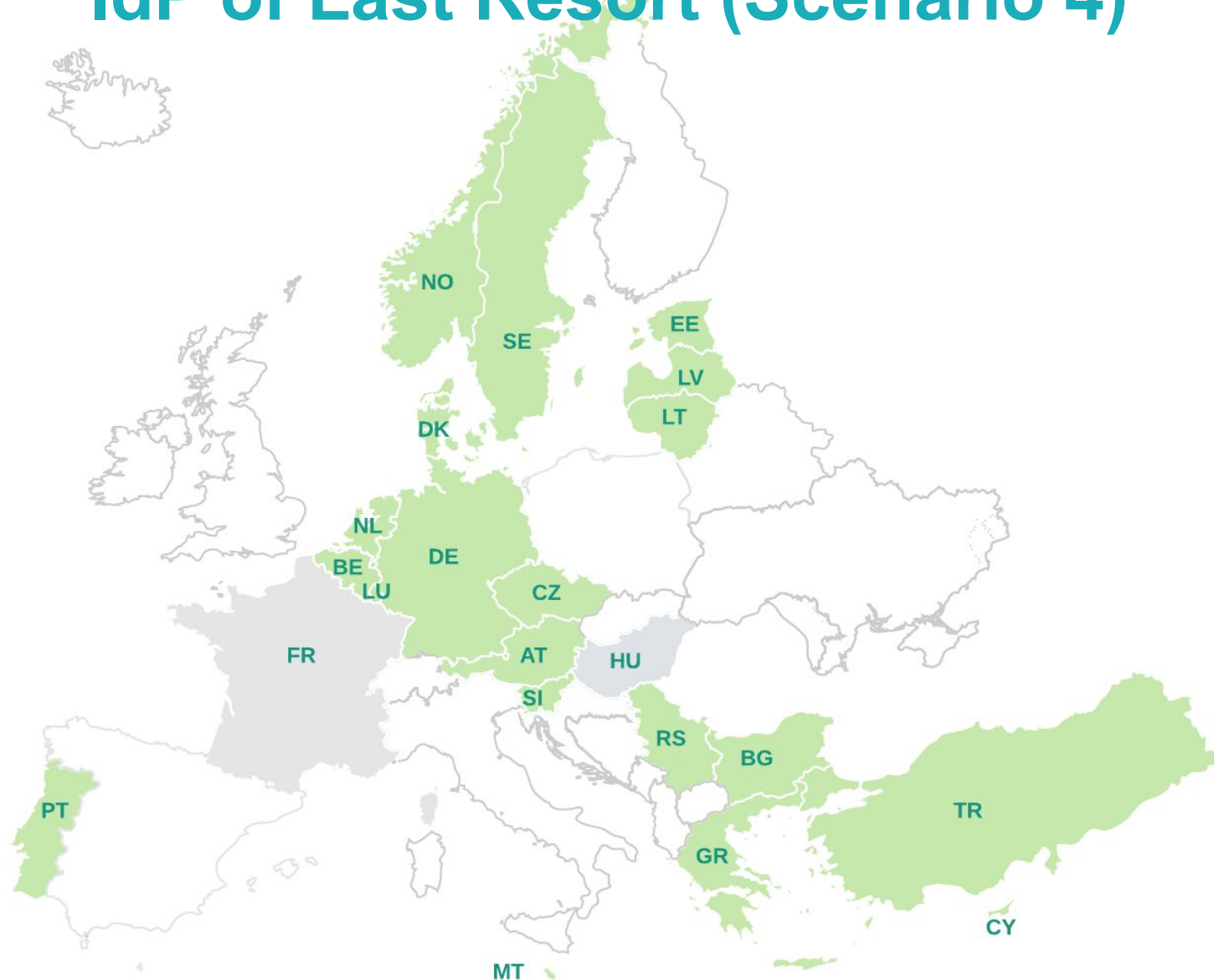
Scenario 4: Users come from HEI without an IdP and there is no national solution available

National Solutions (Scenario 3)



- France
- Hungary
- Italy
- Poland
- Spain

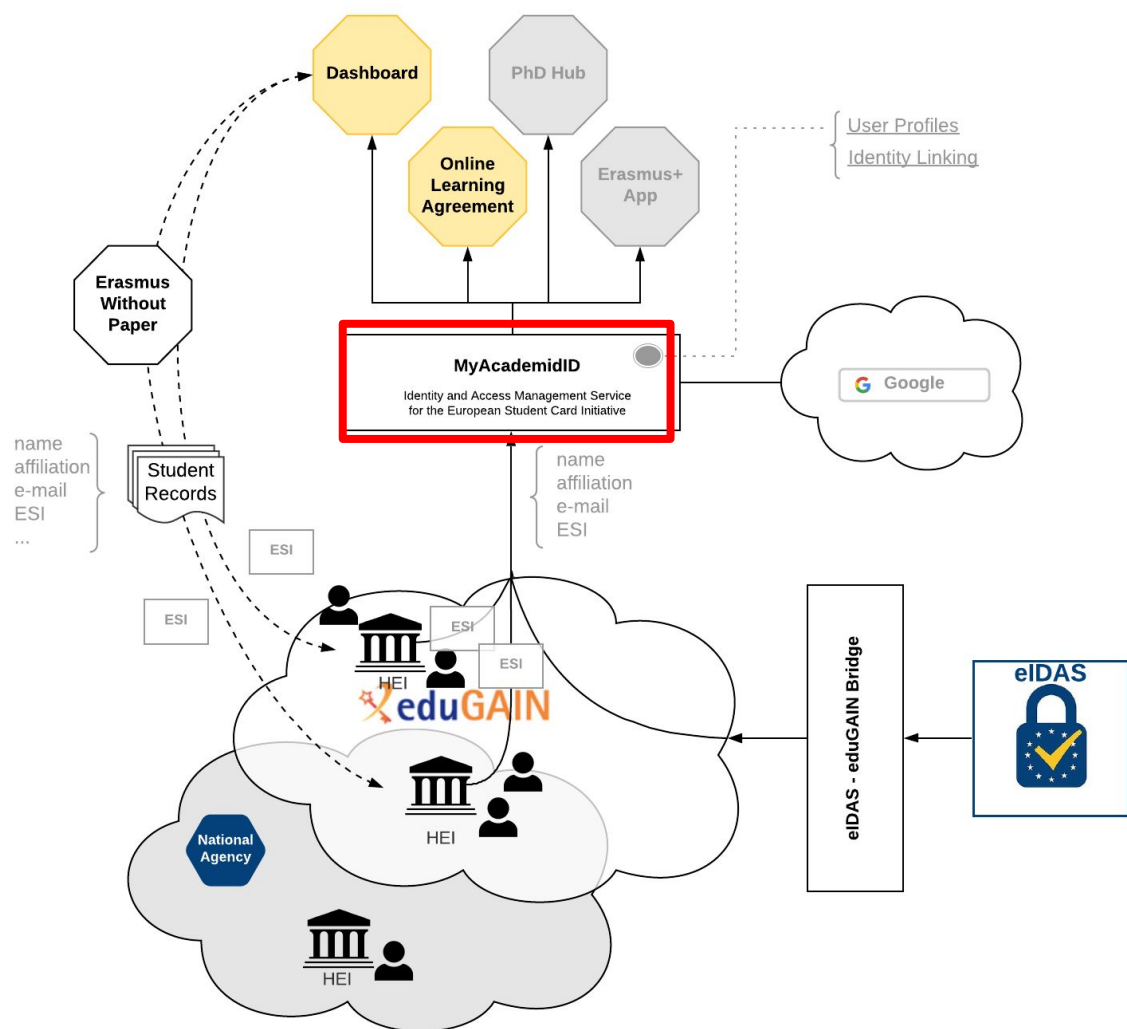
IdP of Last Resort (Scenario 4)



- AT
- BE
- BG
- CY
- CZ
- DE
- DK
- EE
- GR
- HU
- LT
- LU
- LV
- MT
- NL
- NO
- PT
- RS
- SE
- SI
- TR

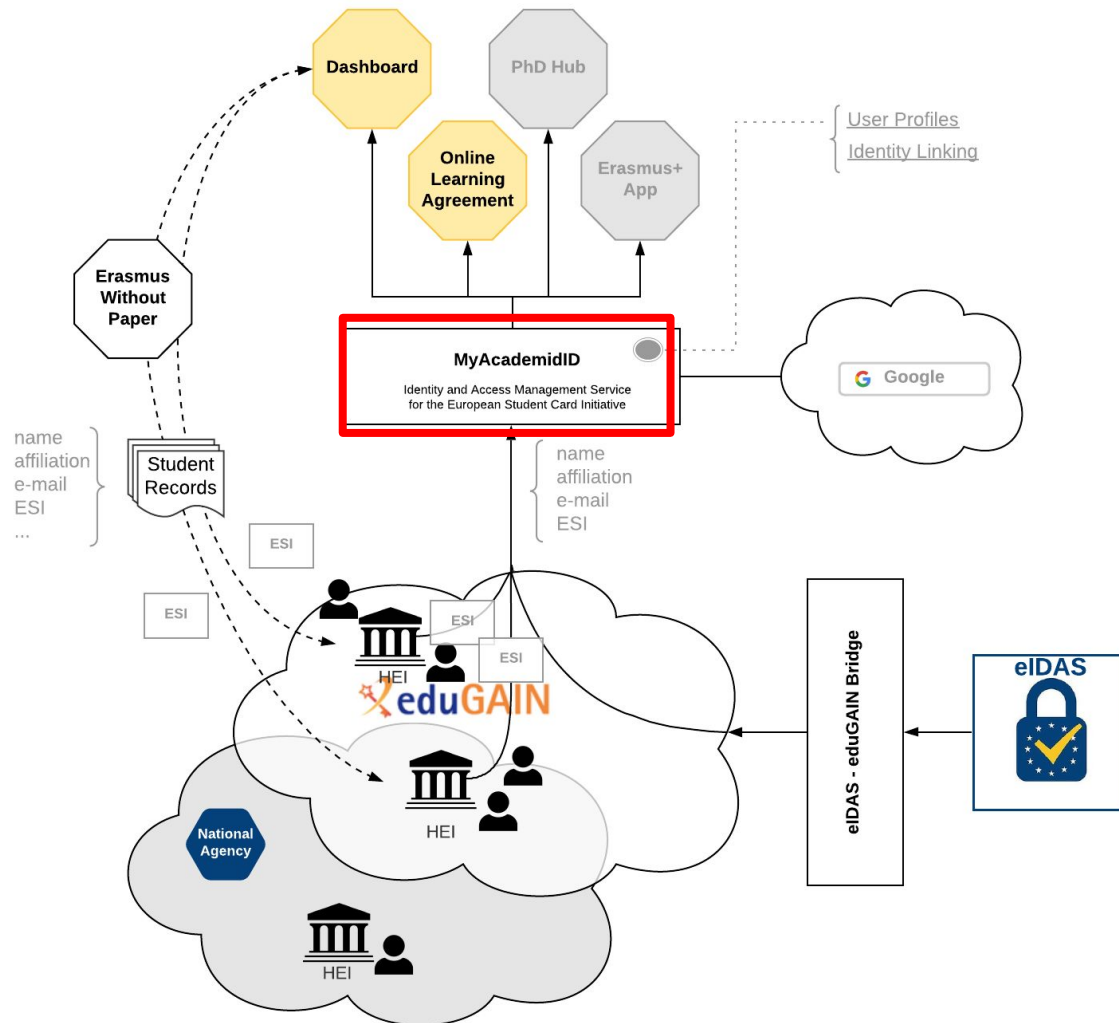
22
Countries

IdP of Last Resort (Scenario 4)



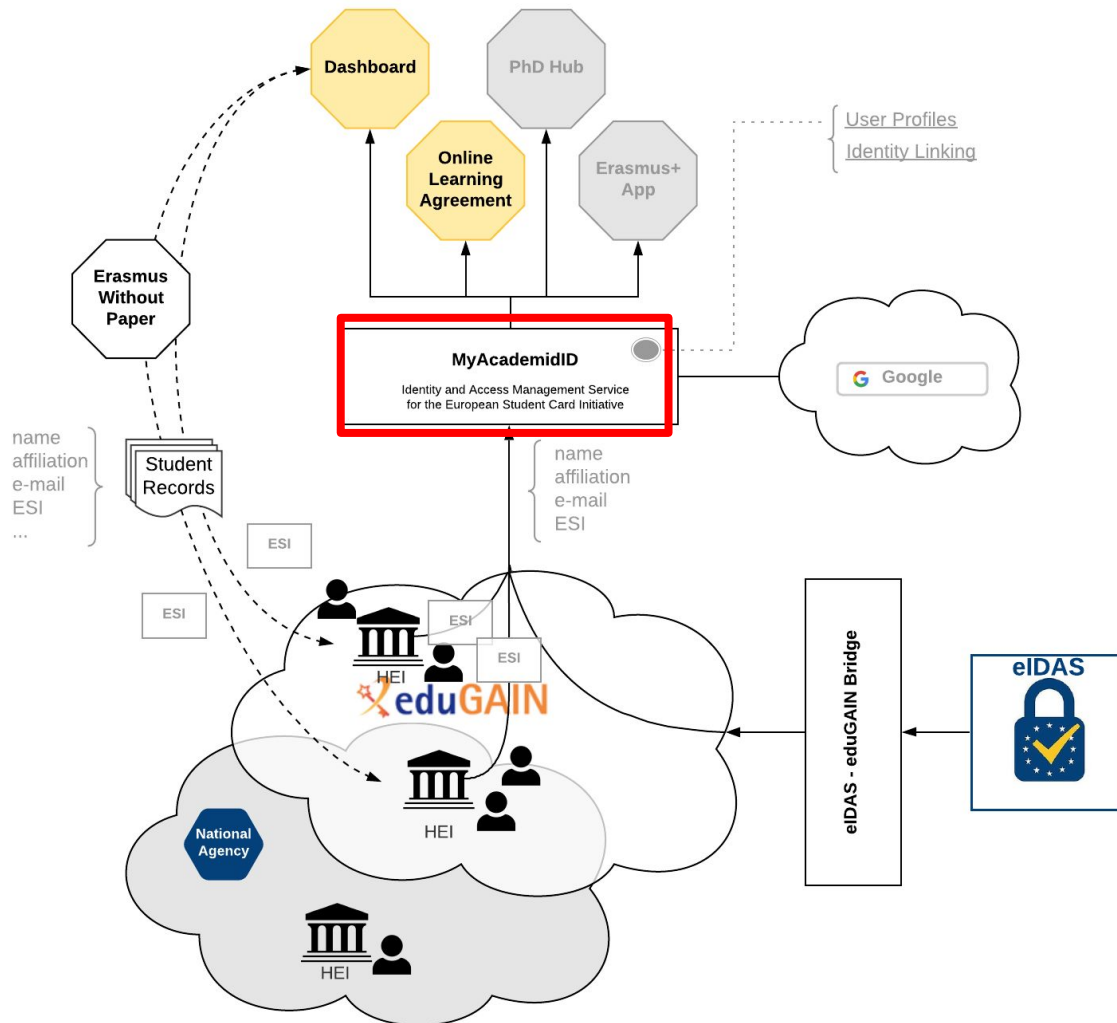
- Builds on top of MyAcademicID and the capabilities of eduTEAMS
- Provides a solution for these HEIs to manage the affiliation and ESI of their students that participate in the Erasmus+ programme

IdP of Last Resort (Scenario 4)



- Available for HEIs that are included in the ECHE Whitelist.
- The ECHE Whitelist is managed by DG EAC
- Basic criteria for a HEI to be on the whitelist:
 - Do not have ability to operate their own IT infrastructure for Federated Authentication
 - There is no solution provided to them by their National Research and Education Network

The ECHE Whitelist Process



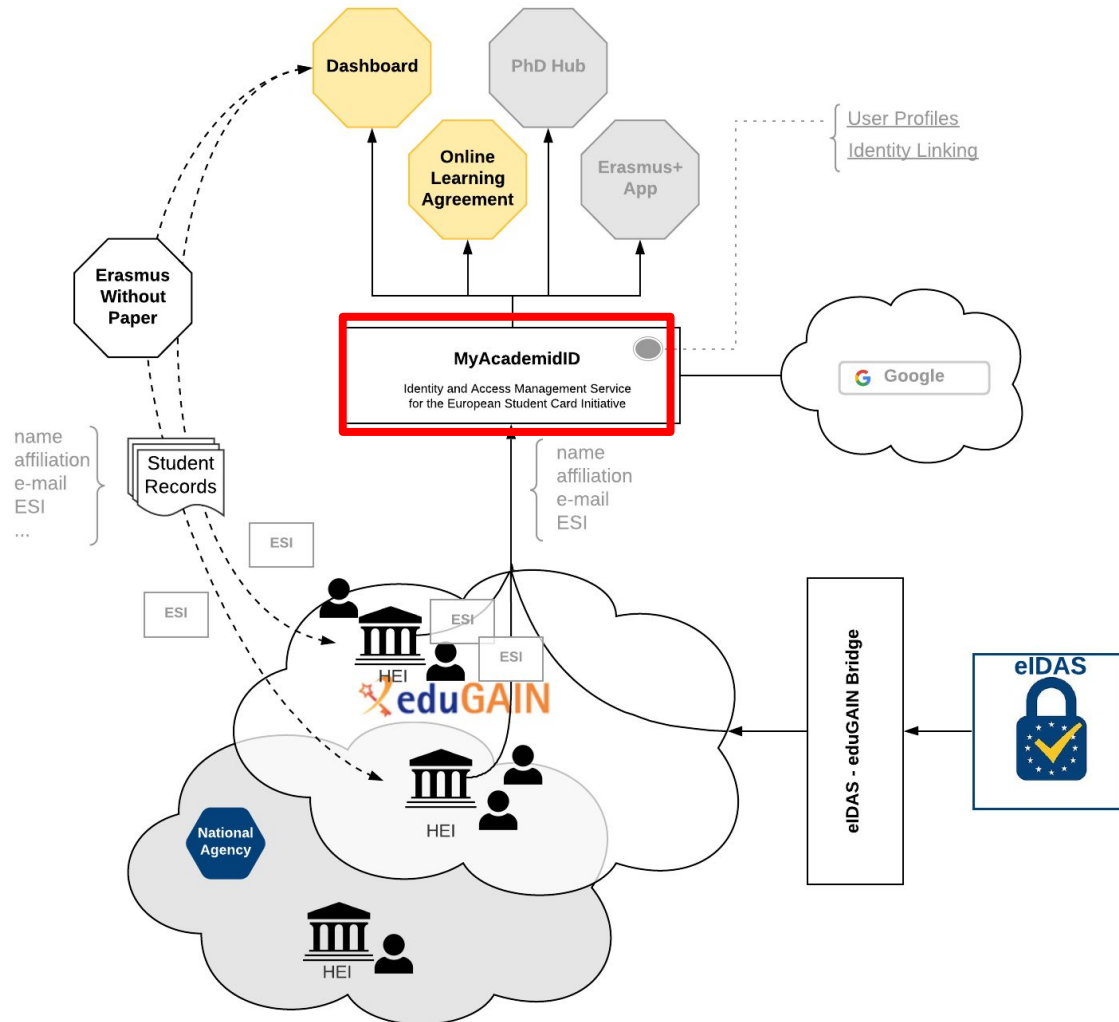
Public of copy of the ECHE Whitelist:

- <https://wiki.geant.org/display/SM/ECHE+Whitelist>

Public copy of the HEIs removed from the ECHE Whitelist:

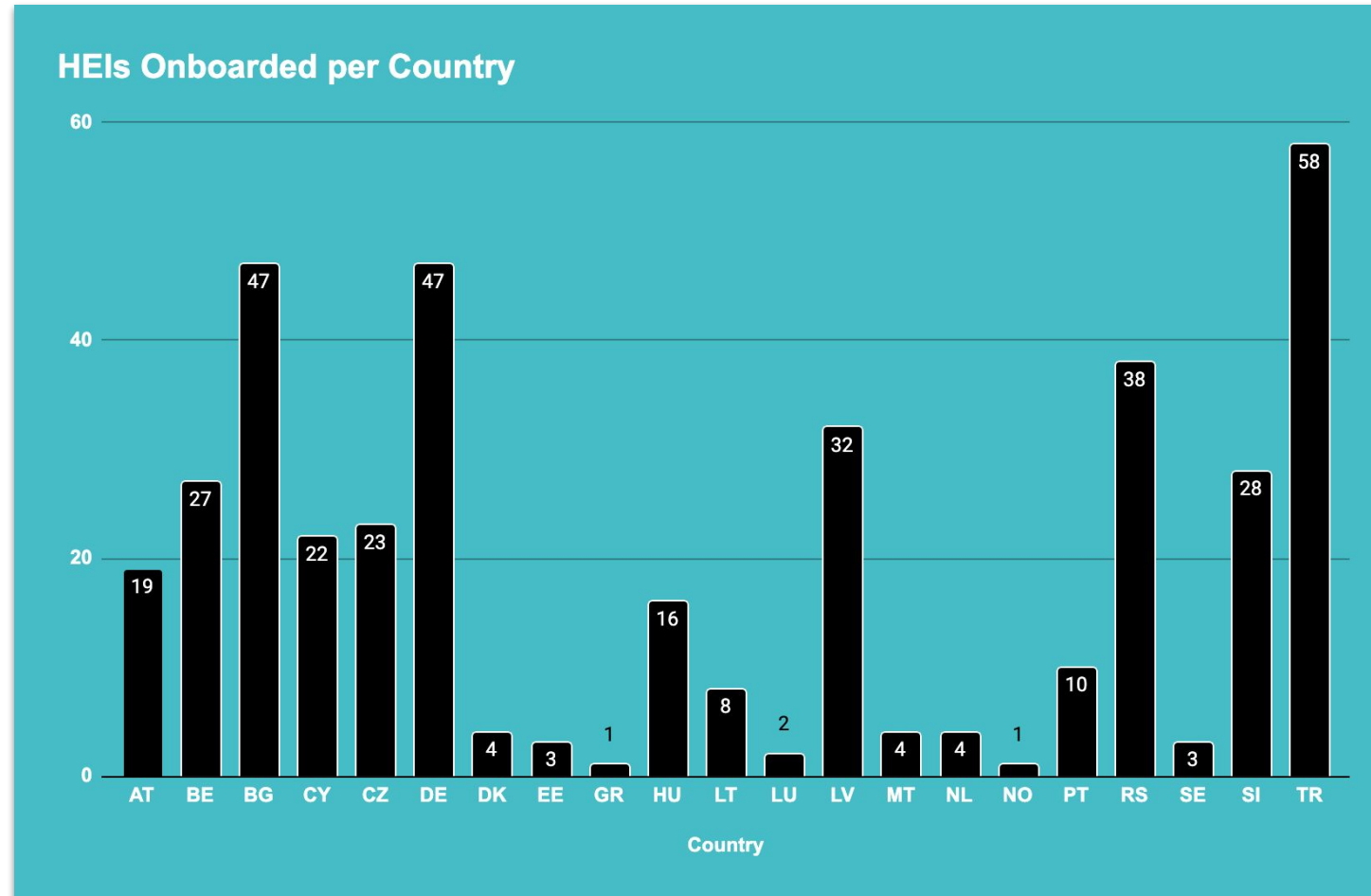
- <https://wiki.geant.org/display/SM/Removed+from+the+ECHE+Whitelist>

Current status



- First onboarding end of August 2021
 - Started preparation in June
- Second (mini) onboarding in October 2021
- Third onboarding November 2021
 - Added new HEIs + fixed contact information from the first onboarding
- Onboarding continued in 2022 as well

Number of HEIs onboarded



397
HEIs

In summary

In the last year:

- **~135K students** from **1587 Identity Providers** representing **2135 HEIs** are already accessing some Erasmus+ services (OLA and the Erasmus+ App) using MyAcademicID
- **397 HEIs** have been onboarded on the IdP of Last Resort Provided by MyAcademicID out of which **259 have IROs registered**.
- Established a mechanism for the release of the ESI to more services beyond EDSSI
- Created a communication channel with the federation operators

We have demonstrated how **eduTEAMS**, **eduGAIN** and national Identity Federations can **support** a large community and add **value**



Thank you

www.edssi.eu