ESI in the mobility Journey

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European Student Identifier – ESI

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

The ESI is a protocol neutral identifier

ESI specifications developed with Erasmus+ and eduGAIN

Process agreed to determine which services can use it

https://wiki.geant.org/display/SM/European+Student+Identifier
https://wiki.geant.org/display/SM/European+Student+Identifier+Entity+Category

Defined a governance for the ESI

- ☑ **Student Mobility Services directly enabling mobility**, for example, the Erasmus+ programme.

- ☑ Services that **transfer student records or transcripts of records between educational institutions** and which need to identify the students to which the records belong to.

- ☑ **University Alliances where students' records are shared** across (some of) the universities of the Alliance.

- ☑ **Formal learning and teaching activities and/or the administrative activities related to those within an institution**, for example, Learning Management Systems and remote e-assessment tools.

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The ESI is generated by the HEI. There are 2 main 'ingredients' needed:

Something to identify the HEI.

For this we use:

schacHomeOrganization value (sHO)

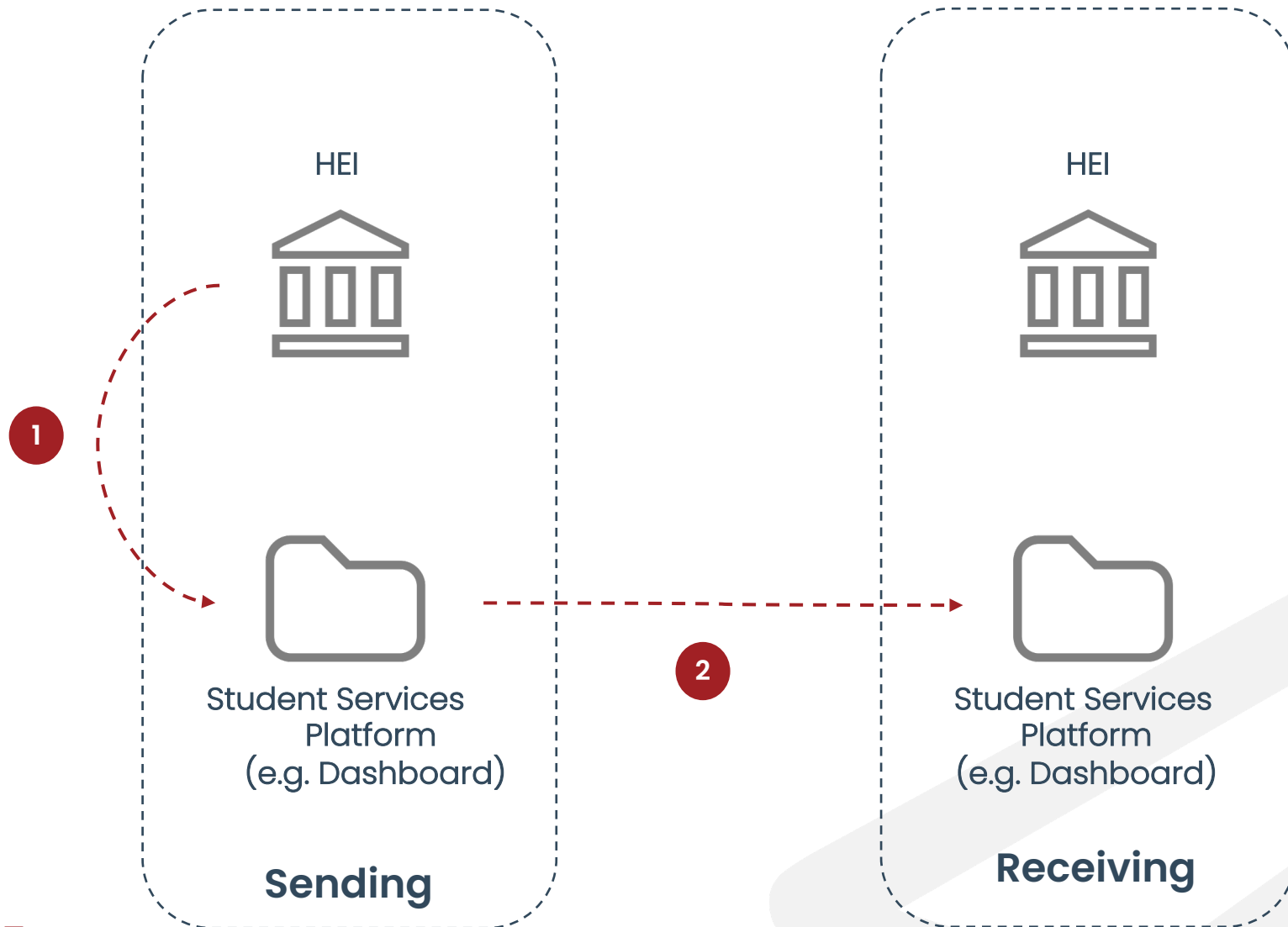Something to identify the student.

For this we use:

the student number (code)

urn:schac:personalUniqueCode:int:esi: <sHO>:<code>

This is the case in which the student number is managed by the HEI

Ex: `urn:schac:personalUniqueCode:int:esi:hei.edu:23490G`

⊿ The ESI is generated by the HEI. There are 2 main 'ingredients' needed:

If the student numbers are managed nationaly:	Something that identifies the student. For this we use:
The ISO country code	**the student number (code)**

urn:schac:personalUniqueCode:int:esi: `<country>:<code>`

This is the case in which the student number is managed by the HEI

Ex: **urn:schac:personalUniqueCode:int:esi:HR:23490G**

HEI

Student Services
Platform
(e.g. Dashboard)

Sending

HEI

Student Services
Platform
(e.g. Dashboard)

Receiving

The student does not need to know the ESI.

1 ESI is typically transported via the student authentication mechanism (SSO)*.
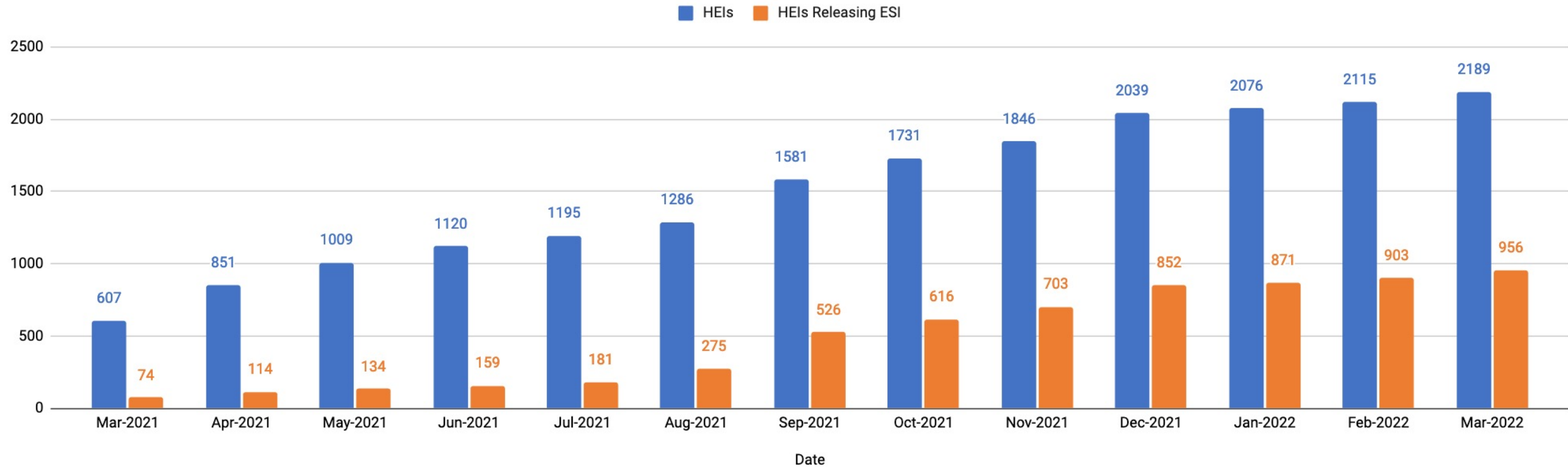
2 ESI is transported via the EWP APIs

[*] Requirements for service providers to get the ESI via the academic federations:
https://wiki.geant.org/x/QwKCFQ

ESI Readiness (from the MyAcademicID ID view)

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HEIs Supporting ESI

Legend: ■ HEIs ■ HEIs Releasing ESI

Date	HEIs	HEIs Releasing ESI
Mar-2021	607	74
Apr-2021	851	114
May-2021	1009	134
Jun-2021	1120	159
Jul-2021	1195	181
Aug-2021	1286	275
Sep-2021	1581	526
Oct-2021	1731	616
Nov-2021	1846	703
Dec-2021	2039	852
Jan-2022	2076	871
Feb-2022	2115	903
Mar-2022	2189	956

Date

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