



ESI in the mobility Journey

Section subtitle goes here





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>

Defined a governance for the ESI





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`



How does the ESI look like?

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

If the student numbers are managed nationally:

The ISO country code

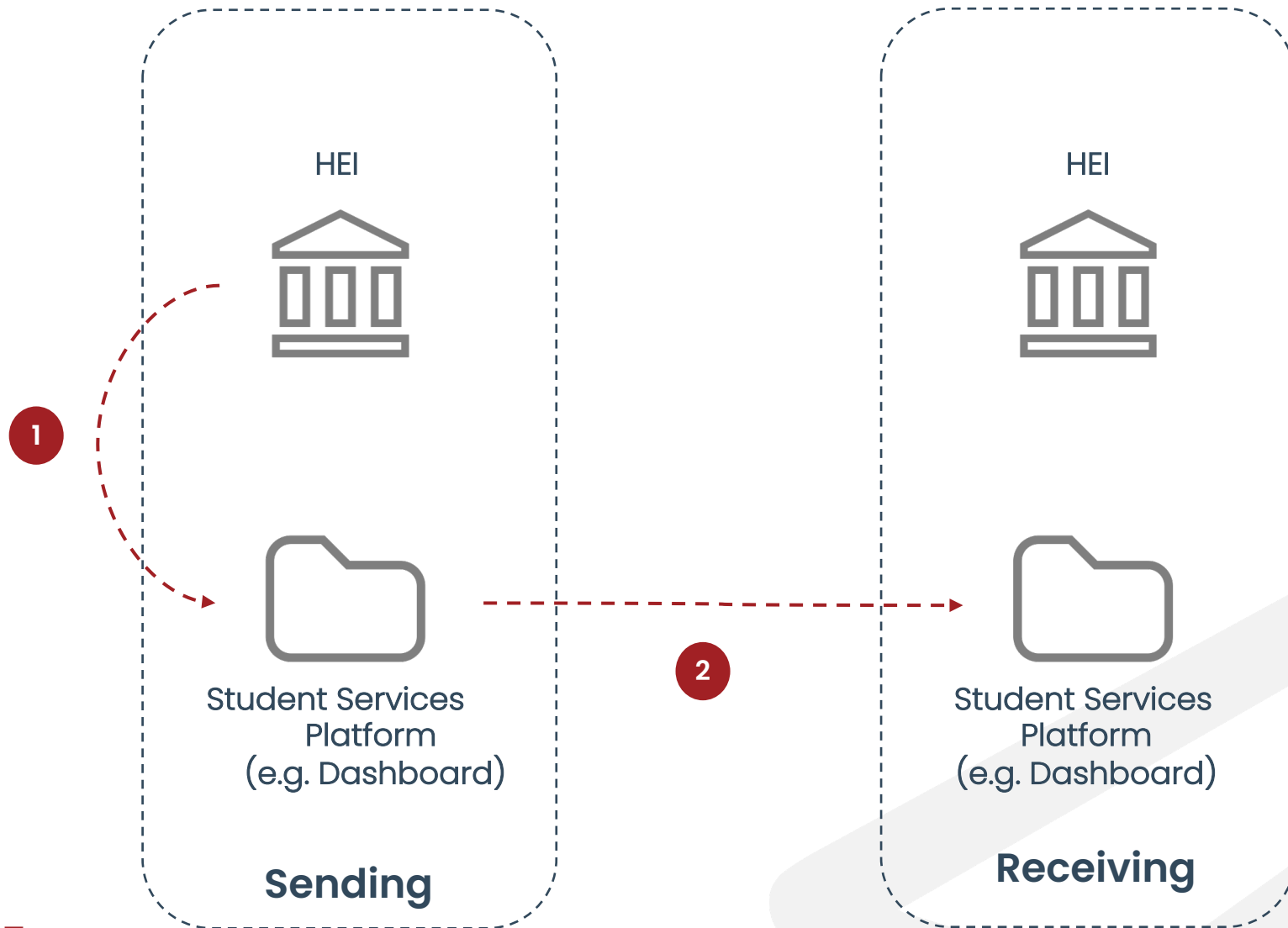
Something that identifies the student.
For this we use:

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



The student does not need to know the ESI.

1

ESI is typically transported via the student authentication mechanism (SSO)

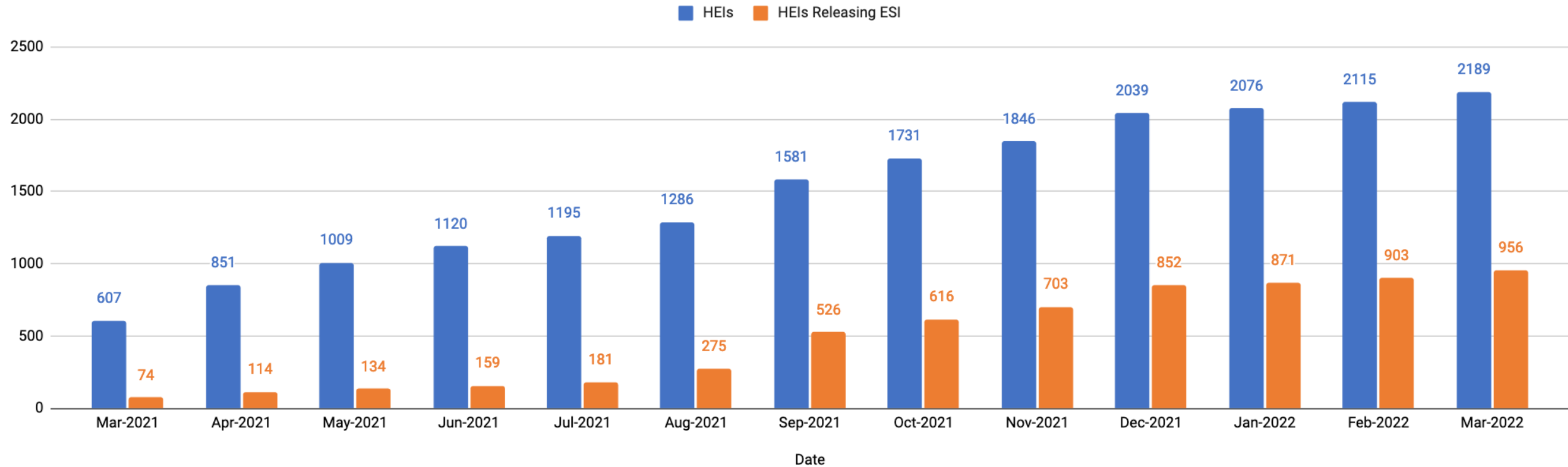
2

ESI is transported via the EWP APIs





HEIs Supporting ESI





Licia Florio and Christos Kanellopoulos

Senior Trust and Identity Managers

Licia.Florio@geant.org

Christos.Kanellopoulos@geant.org



<http://support.erasmuswithoutpaper.eu>



[join the EWP
LinkedIn group](#)



[Follow EWP on
twitter](#)



Funded by
the European Union

