



The Key Role of Identity in EU Mobility Projects

PRESENTED BY:

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EU Mobility-
based
projects -
the list is
long and
growing...



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All these
terms –
similar but
not the
same

- ▶ European Student Card or ESC
- ▶ European Student Card Initiative or ESC-i
- ▶ European Student eID
- ▶ The European Student eCard
- ▶ European Student Digital ID
- ▶ etc.....

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The common themes:

- ▶ Student mobility
- ▶ Identity
- ▶ Linking student data for smoother delivery of services



Identity is KEY

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What is
the
rationale
for doing
anything?

- ▶ **Erasmus Without Paper:**
EWP standards mandatory since 2021
- ▶ **January 2022 – The European Strategy for Universities:**
[Commission Communication on a European strategy for universities | European Education Area \(europa.eu\)](#)

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“The generalised use of the European Student Card initiative for all mobile students across universities in Europe will facilitate their access to transnational mobility at all levels. It will make the management of mobility easier, more efficient and greener. Ensuring that each European student can be uniquely identified across borders and across digital tools, will facilitate the roll out of European Student Cards across Europe and enable the complete digitalisation of the management of Erasmus+ student mobilities from application to issuing of study credentials”

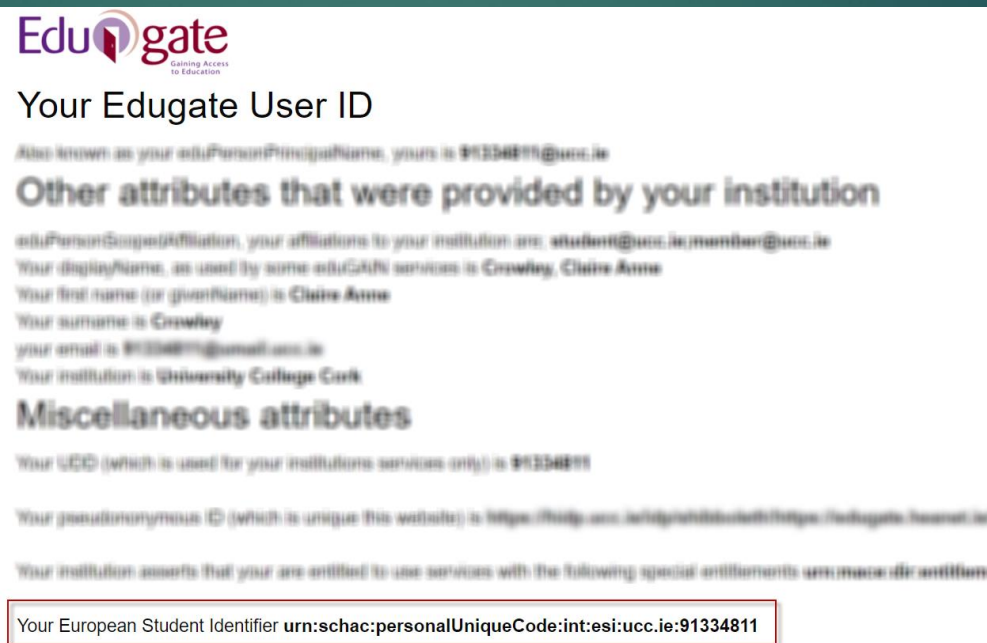
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ESI in
UCC –
what is it
used for?

Erasmus+

<https://edugate.heanet.ie/Whoami/>



Edugate
Gaining Access
to Education

Your Edugate User ID

Also known as your eduPersonPrincipalName, yours is `91334811@ucc.ie`

Other attributes that were provided by your institution

eduPersonOrganizationalAffiliation, your affiliations to your institution are: `student@ucc.ie;member@ucc.ie`

Your displayName, as used by some eduGATE services is `Crowley, Claire Anne`

Your first name (or givenName) is `Claire Anne`

Your surname is `Crowley`

Your email is `91334811@gmail.com.ie`

Your institution is `University College Cork`

Miscellaneous attributes

Your UUID (which is used for your institutions services only) is `91334811`

Your pseudonymous ID (which is unique to the website) is `https://heanet.ie/eduGate/whoami/https://heanet.ie/eduGate/whoami/`

Your institution asserts that you are entitled to use services with the following special entitlements `urn:mace:dir:entitlements`

Your European Student Identifier `urn:schac:personalUniqueCode:int:esi:ucc.ie:91334811`

Possible for all services that are
provided through EDUgain/EDUgate

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Select Course



Education details (incl. ESI)

Enrol in course 'home' institution

Generates ESI

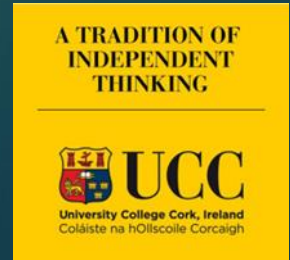


LOCAL SERVICES:

- Student Record System
- Access Control
- Library
- Etc...

Full education details, transcripts etc

(courtesy of the ESI)



UNIC – a practical application of the ESI



- ▶ ESI will need to be stored on local systems
- ▶ ESI will also need to be stored on EU systems
- ▶ Will need a trusted and secure means of transferring data – API?
- ▶ Using existing EU-trusted infrastructure



Be like a duck, my mother used to tell me. Remain calm on the surface, and paddle like hell underneath.

- *Michael Caine*

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Can we replicate what is done locally?



Credentials allow access to digital services such as:

- Student registration portal
- Canvas
- Umail
- Library online resources
- Timetable
- Booking study rooms
- etc.... (SOME USE EDUGATE)
- Erasmus

ID Cards allow physical access to services such as:

- Library and other access-controlled areas
- Campus Accomodation
- Book borrowing
- Equipment rental

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What about Security, GDPR?



"Every time an App or website asks us to create a new digital identity or to easily log on via a big platform, we have no idea what happens to our data in reality. That is why the Commission will propose a secure European e-identity. One that we trust and that any citizen can use anywhere in Europe to do anything from paying your taxes to renting a bicycle. A technology where we can control ourselves what data is used and how."

Ursula von der Leyen, President of the European Commission, in her State of the Union address, 16 September 2020

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What problems have yet to be fixed?

- ▶ ESI - Unique to the programme of study?
- ▶ ESI - Unique across all programmes of study?
- ▶ Can a unique identifier be accompanied by a unique set of authentication credentials? EU-wide SSO?
- ▶ What are the key services that a student needs to access on all campuses? Can a single eID help to deliver that? (Is this even feasible?)

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Which
horse to
back?
Does it
matter?



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Links for further information

- ▶ [European Student Identifier - Student Mobility - GÉANT federated confluence \(geant.org\)](#)
- ▶ [Demystifying the European Student Identifier \(ESI\) – Chapter I. – EDSSI](#)
- ▶ <https://www.ucc.ie/en/esc/>
- ▶ <https://www.ucc.ie/en/unic/>
- ▶ <https://www.unic.eu/en>

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