Tecnologia para
o conhecimento



ESCI Day PT 2026

From infrastructure to the ESI

FCCN base services and eduID.PT

António Coucelo · Trust & Identity · FCCN

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14 October 2026 · Técnico ULisboa, Lisbon

Infrastructure serving the community

Network, identity and services shared by those who teach, research and learn

COMMUNITY

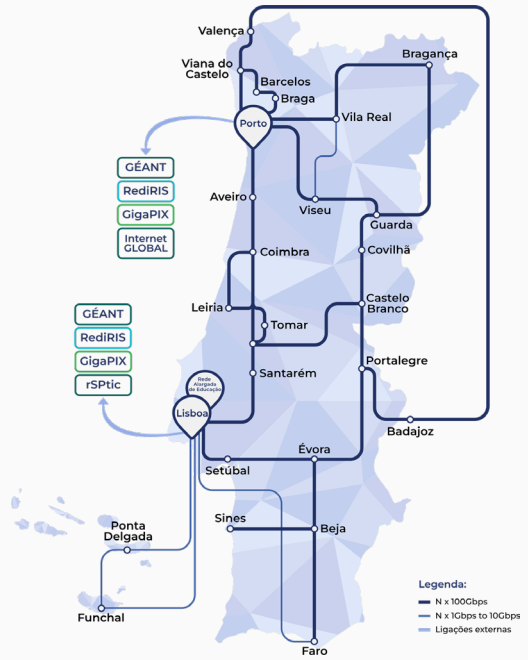
+600 000

students, teachers, researchers and staff

- **SESP** — Portuguese Higher Education System
- **SNCT** — National Science and Technology System
- **MECI** — Ministry of Education, Science and Innovation
- **RAE** — Extended Education Network
- **PA** — Public Administration

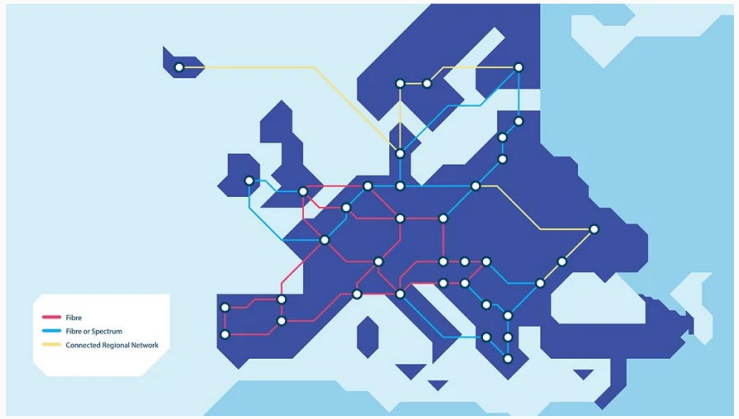
IN PORTUGAL · RCTS

96 institutions connected to the Science, Technology and Society Network



IN EUROPE · GÉANT

Pan-European network linking 39 national research and education networks (NRENs), FCCN among them.



10 000 institutions

50+ million users

Data: FCCN and GÉANT, June 2026.

Base services available to institutions

From network connection to federated access: what FCCN already offers

STAR SERVICE OF THE PAST YEAR
AI for students, teachers and researchers
fct iaedu

Digital services

Computing

- housing
- computação avançada
- OCRE 2024 Open Clouds for Research & Education

Collaboration

- videocast
- estúdio
- filesender
- colibri

Knowledge

- ciência vitae
- b-on
- educast
- ptcris
- nau sempre a aprender
- arquivo.pt
- rcaap

Security

- csirt
- certificados

Identity

autenticaid + ciênciaid → eduID.PT *planned evolution*

Connectivity

- ip
- plus
- fibra
- lambda
- eduroam
- voip

Full service catalogue at fccn.pt.

Federated identity: from the institution to Europe

The login that opens services in Portugal carries the institution's identity to Europe

INSTITUTION

The institution's IdP authenticates the student and issues the ESI

AUTENTICAID

National federation: links institutions and services

EDUGAIN

Worldwide inter-federation of academic federations

MYACADEMICID

European academic identity for the ESCI

EUROPEAN SERVICES

Erasmus+ and ESCI services that use the ESI

ESI The ESI is an attribute of this same authentication: the student logs in only once.

autenticaid

87 (109) institutions (IdPs)

48 services (SPs)

98% in eduGAIN

ciência id

180 416 active registered

40 services (SPs)

Research community

Ready for the ESI

The identifier follows the same path as the login: institution, autenticaID, eduGAIN and MyAcademicID.

Data: FCCN, June 2026.

ESI: the European Student Identifier

A unique identifier, issued by the home institution and recognised across Europe

What it is

A unique, persistent identifier for each student, recognised across Europe.

How it travels

In the federated login: eduGAIN and MyAcademicID deliver it to European services.



Who issues it

The home institution, passing it through its IdP.

What for

Identify the student and facilitate access to Erasmus+ and other ESCI services

A national project for the higher education student

Today, one account per institution; with eduID.PT, one identity that follows the user

PATH
illustrative example

	Bachelor	Master	Erasmus+ mobility	PhD
Today one account per institution	**Account 1** `student@inst-a.pt`	**Account 2** `student@inst-b.pt`	**Account 3** `student@host.eu`	**Account 4** `researcher@inst-c.pt`
eduID.PT *in development*	**A unique, continuous and recognized identity**			

WHY NOW

Signals from Europe

ESI and digital wallets (eIDAS 2.0): portable identity across Europe.

European NRENs

SWITCH, SURF, SUNET and others already have a national eduID.

National Coordination

IES, I.P. and FCCN developing a common layer for the student platform

Presented to institutions at the Jornadas FCCN (FCCN Days), *Porto, May 2026.*

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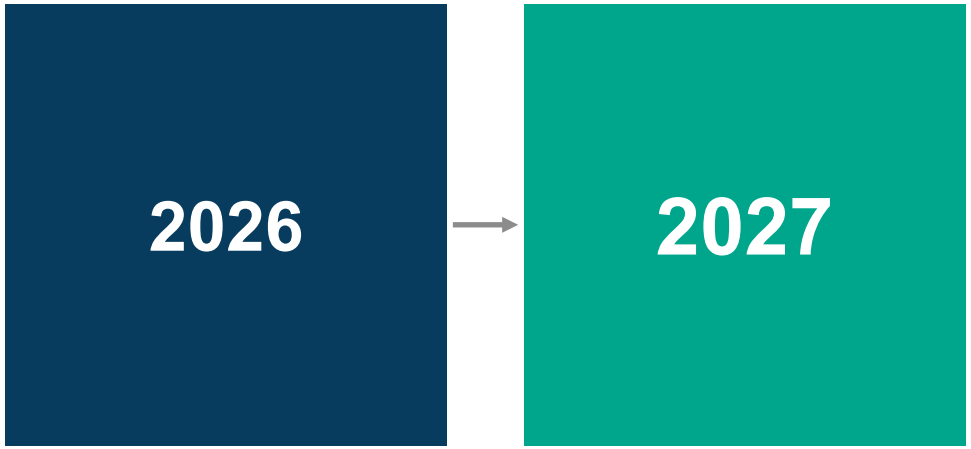
Why now? This train won't wait

Instituto para o Ensino Superior

The Institute for Higher Education is building a national **Student Platform** for every higher-education student in Portugal.

It needs a trusted identity layer.

eduID.PT is that layer – and our first production use case.



Student Platform project starts

Platform live
eduID.PT rollout for students

Advantages for higher education institutions

What eduID.PT brings to those who study, teach and manage

Less operational load

For those who opt in: authentication and credentials managed centrally, with fewer systems to run at the institution.

Ready for the ESCI+

Federated access via eduGAIN and MyAcademicID: the basis for the ESI and European services.

MFA for everyone

Multi-factor authentication for everyone. Passkeys planned.

Connected to the Student Platform

eduID.PT is the identity layer of the Student Platform being built by IES, I.P.

Autonomy preserved

The institution keeps local governance of its users and its access policies.

No risk in joining

Those who do not join keep everything they have today.

Presented at the Jornadas FCCN (FCCN Days), *Porto, May 2026.*

eduID.PT: a path to the ESI for every institution

Three possible situations, with or without FCCN services

A — Already sends the ESI through the institution's IdP

WHO PRODUCES THE ESI

Institution's IdP

Nothing changes. The ESI is still issued by the institution and travels through AutenticaID and eduGAIN, as today.

As today

B — Has an IdP but does not send the ESI yet

WHO PRODUCES THE ESI

Institution's IdP

Technical information on the ESI in the AutenticaID technical area. Additional support: to be explored with institutions.

To be explored

C — Has no IdP or capacity for the ESI

WHO PRODUCES THE ESI

eduID.PT

eduID.PT could produce and deliver the ESI from the institution's data, with the institution still the issuer.

To be explored

eduID.PT is for everyone

Model and feasibility being designed IES, I.P. and validated with institutions

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We listen and work together

How we listen to institutions and what we follow in digital identity

We listen

- ✓ *Annual session at the Jornadas FCCN (FCCN Days)*
- ✓ *Written consultations with institutions*
- ✓ *Technical workshops*

We keep watch

- ✓ *ESI and MyAcademicID*
- ✓ *eIDAS 2.0 and the European Digital Identity Wallet (EUDI)*
- ✓ *Verifiable credentials*
- ✓ *MFA and passkeys*

We co-develop

- ✓ *Ongoing partnership with IES, I.P. for the Student Platform*

What does your institution need? Tell us.

Next steps, in coordination

In partnership with IES, I.P., in coordination with other institutions

1 Listen

Gather institutions' needs: today, in the polls and in the conversation that follows.

2 Coordinate

Align with IES, I.P. the delivery of the ESI within the Student Platform

3 Explore together

See with interested institutions how eduID.PT can support delivering the ESI.

HANDING OVER

Next, in this session

ESC

ISCTE and UBI

European Student Card

EWP

UA and UC

Erasmus Without Paper

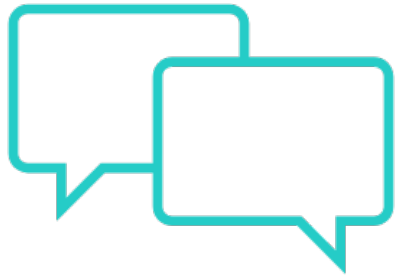
15h00

Workshops

EWP room 1 · ESC room 2

Questions and conversation

We want to hear from your institution.



Talk to us, today or after the session

António Coucelo · antonio.coucelo@fccn.pt

eduID.PT is built with IES, I.P. and the institutions.



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Thank you.

For complete information on all services, see **fccn.pt** and the **service catalogue**

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