



Universitat Oberta
de Catalunya

UOC

**Where are we?
Where have we come from?
Where do we want to be?**

01 **Where are we today?**

A systemic, global and inclusive UOC at risk of collapse due to a freeze on funding

02 **Where have we come from?**

A track record of providing an efficient service: evolution of economic and productivity indicators

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The opportunity for a competitive UOC for a digital and entrepreneurial Catalonia

01

Where are we today?

A systemic, global and inclusive UOC at risk of collapse due to a freeze on funding

Law 3/1995 of 6 April on the recognition of the Universitat Oberta de Catalunya

Preamble

"Following assessment of the opportunity that studying at a distance learning university could provide for the education of many of the public, the Government of Catalonia's wish to facilitate access to university education to anyone who is eligible for it according to regulations, with no further restrictions than their own merits and the responsible planning of the university system, warrants the decision to promote such access in Catalonia."

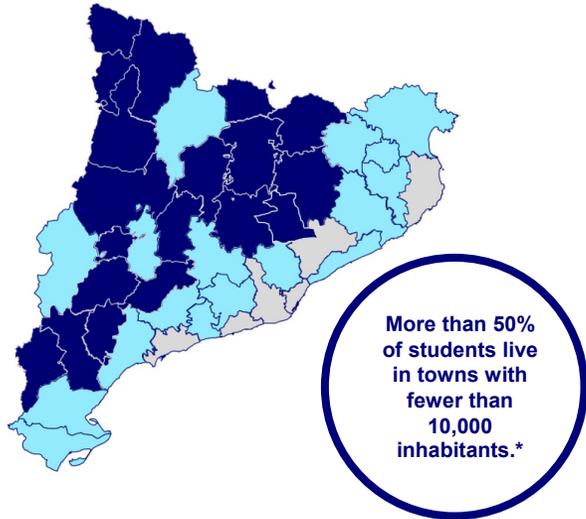
Approved by the Catalan Parliament with 135 votes in favour

Official Journal of the Government of Catalonia (DOGC) no. 2040 of 21 April 1995

The preamble of the Law justifies the use of the legal form of a foundation due to the special nature of distance learning, because it allows a flexible and agile operation, and an optimal use of resources.

The UOC is a systemic university

The one with the most students, and the first one to obtain institutional accreditation from the AQU (Catalan University Quality Assurance Agency)



More than 7,300 UOC students living in Catalonia live in towns with fewer than 10,000 inhabitants.

Between 20 and 50% of students live in towns with fewer than 10,000 inhabitants.*

Less than 20% of students live in towns with fewer than 10,000 inhabitants.*

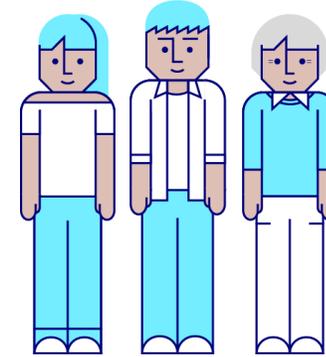
87,159 students

59% women

41% men

41% aged 25 to 34

90% studying and working



113,500 graduats i graduades

57% women

43% men

85% would choose the UOC again

84% would choose the same qualification again

28 bachelor's degrees

9 doctoral programmes

156 specialization diplomas and expert diplomas

96 continuous development programmes (seminars, professional training courses, profession-focused specializations and university courses)

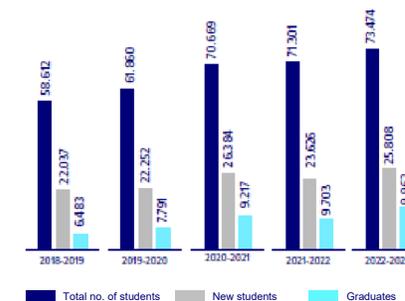
54 university master's degrees

76 lifelong learning master's degrees and postgraduate courses

69 language courses

2 university admission courses

Evolution of bachelor's and university master's degree students

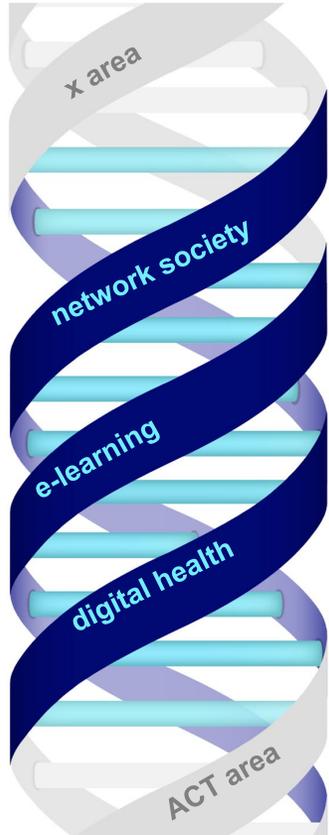


Distribution of new students in official programmes by faculty

Faculties	Bachelor's	University master's
Arts and Humanities	1,142	1,020
Information and Communication Sciences	1,321	548
Health Sciences	-	1,198
Law and Political Science	2,484	1,409
Economics and Business	3,197	1,788
Comp. Sci., Multimedia and Telecomms	2,895	1,905
Psychology and Education Sciences	5,228	2,083
Total	16,267	9,492
Total number of new students on official programmes (academic year 2022/2023)	25,759	

The UOC is a systemic university

With excellent results in research and scientific output, at the level of the most productive centres in similar fields



Teaching and research staff

Teaching and research staff, full-time research staff and research managers



Research articles

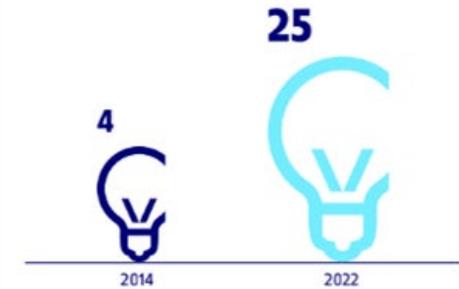
Number of indexed research articles



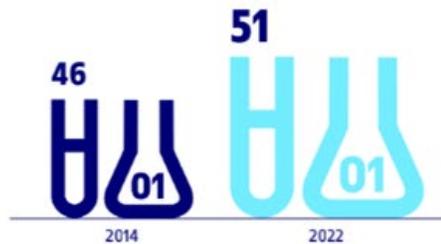
International collaboration



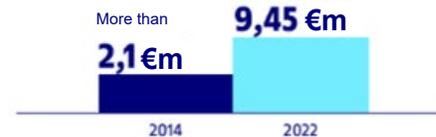
Patents



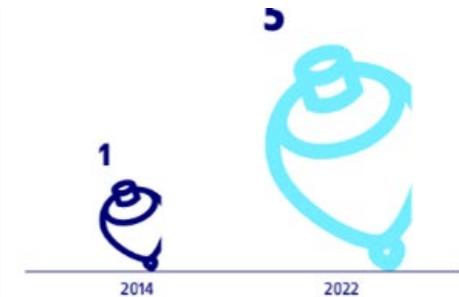
Research groups



Research funding secured



Spin-offs



The UOC is a global university

that contributes to the internationalization of Catalonia and the democratization of higher education in the world

The UOC has enabled over 5,000 people living abroad to study within the Catalan university system since 2014.

3,100 UOC students study in Catalan outside Catalonia.

Its students span 132 countries on 5 continents.



52%
in Catalonia



40%
in the rest of
Spain



8%
in the rest of
the world



71%
of these students
live in Spain



29%
of these students
live elsewhere in the
world

The UOC is an inclusive university

That facilitates access to quality higher education for non-traditional groups

	Socio-demographic characteristics (as a %)						Admission options (as a %)		
	Women	Low family education level	Low socio-economic background	Foreign parents	Partnered or married	Children	University entrance examinations	Advanced-level vocational training (CFGS)	Other option
Online	58,3	27,6	11,3	9,5	61,8	27,9	25,1	35,6	39,3
On-site	63,9	17,8	8,7	14,9	33,0	1,6	83,8	10,3	5,9
Total	63,3	18,8	9,0	14,4	36,0	4,4	77,5	13,0	9,5

"Online universities provide a **second opportunity for people with less straightforward and lower socio-economic backgrounds.**"

"**We must improve access** to all sources of funding, fostering alternatives to family finance, for the most socially disadvantaged."

 **2,346**

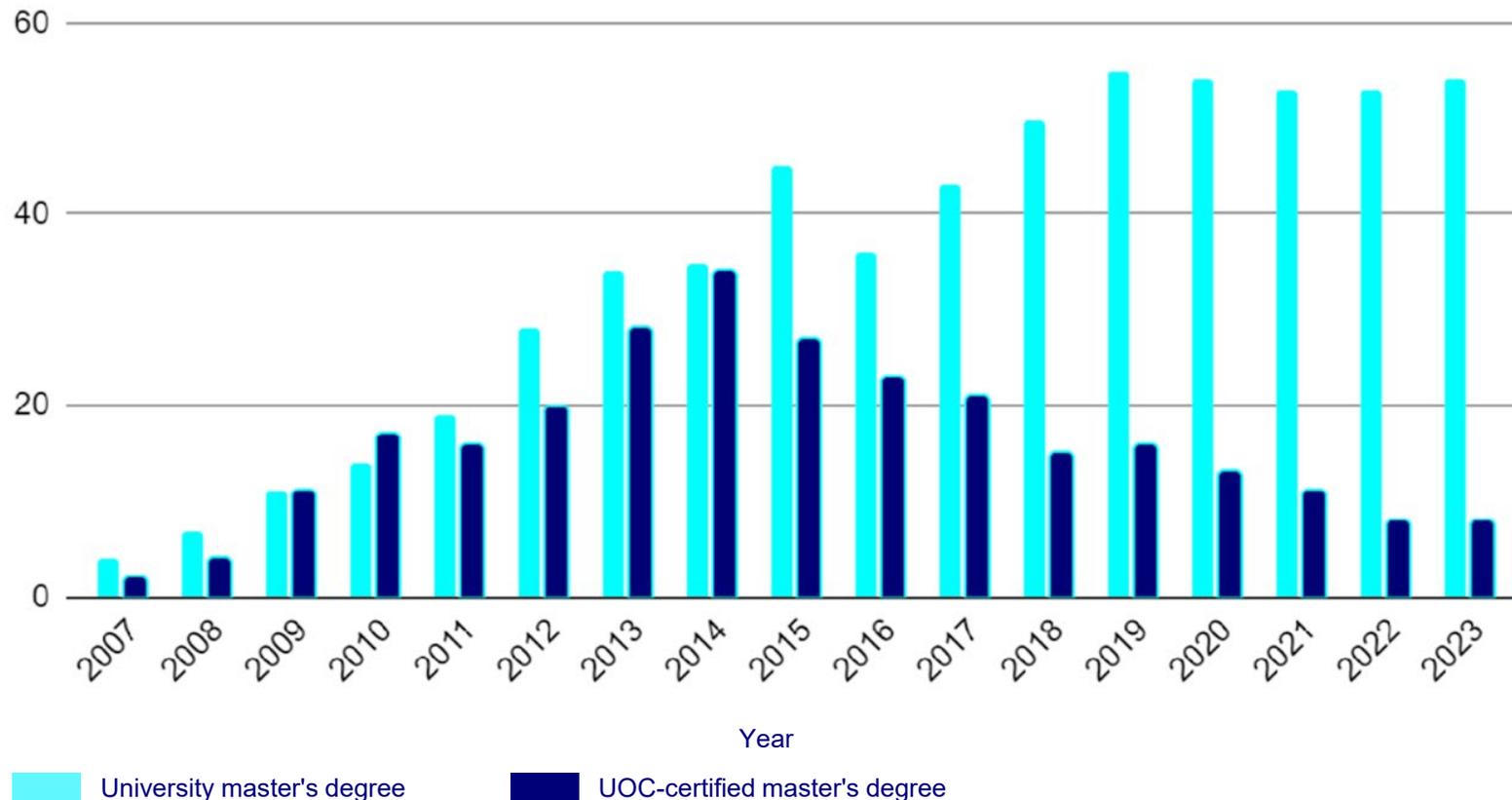
students with a disability of 33% or more (second university with the most students with disabilities in Spain)

UOC students account for **43% of all university students with a certified disability in Catalonia.**

The UOC is an inclusive university

that maximizes the public programmes available for lifelong learning

University master's degree vs UOC-certified master's degree (2007-2023)



**Online Lifelong Learning
Master's Degree in Conflict,
Peace and Security (UOC,
UNITAR)**

**Online Lifelong Learning
Master's Degree in
International Affairs and
Diplomacy (UOC, UNITAR)**

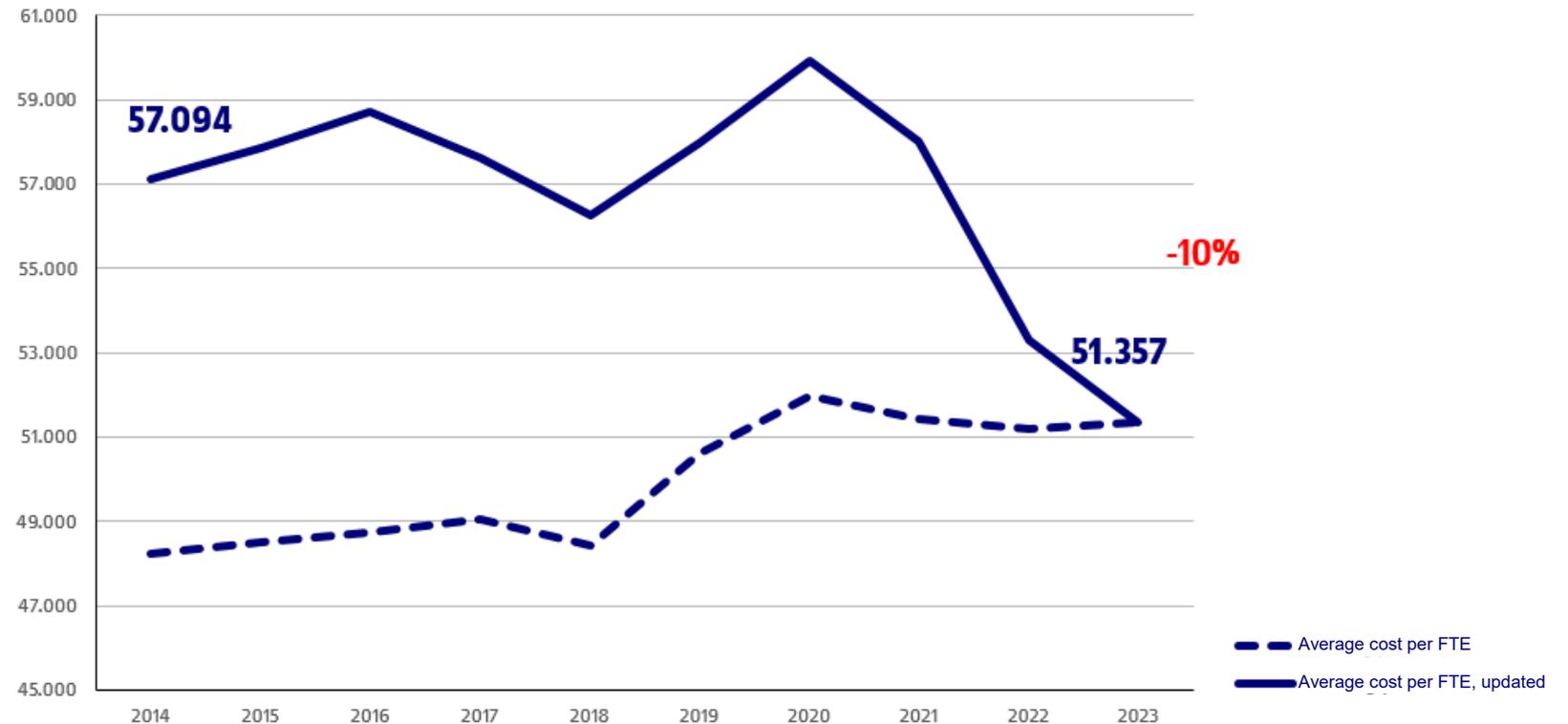
**Online Lifelong Learning
Master's Degree in
International Development
Cooperation and Humanitarian
Action (UOC, Red Cross)**

The UOC is a university at risk

of loss of talent due to not being attractive enough in terms of remuneration and dedication of quality teaching

Chapter 1

The evolution of the average cost per FTE from 2014 to 2023 shows a **10% reduction in income updated to 2023.**



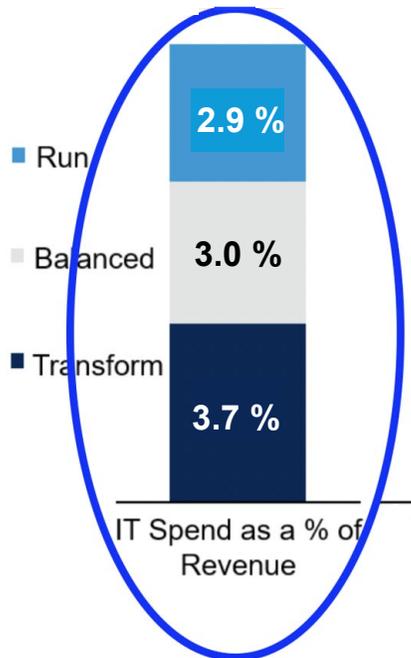
The impact for the UOC of bearing the cost (gross amount + social security cost) of a **salary increase similar to the one agreed for the public sector** in the minimum scenario and for the period 2022-2024 is **€8,816,168** (€3,019,503 – 2022/23; €4,105,503 – 2024). Currently, only **€400,000 of the 2022 result is available to compensate for the increase in inflation in a NON-consolidated format, and €2,000,000 consolidated for 2023.**

The UOC is a university at risk

of obsolescence due to being unable to maintain its unique technological competitiveness

To remain competitive, we want to **increase spending and investment in technology by up to 10% of income**

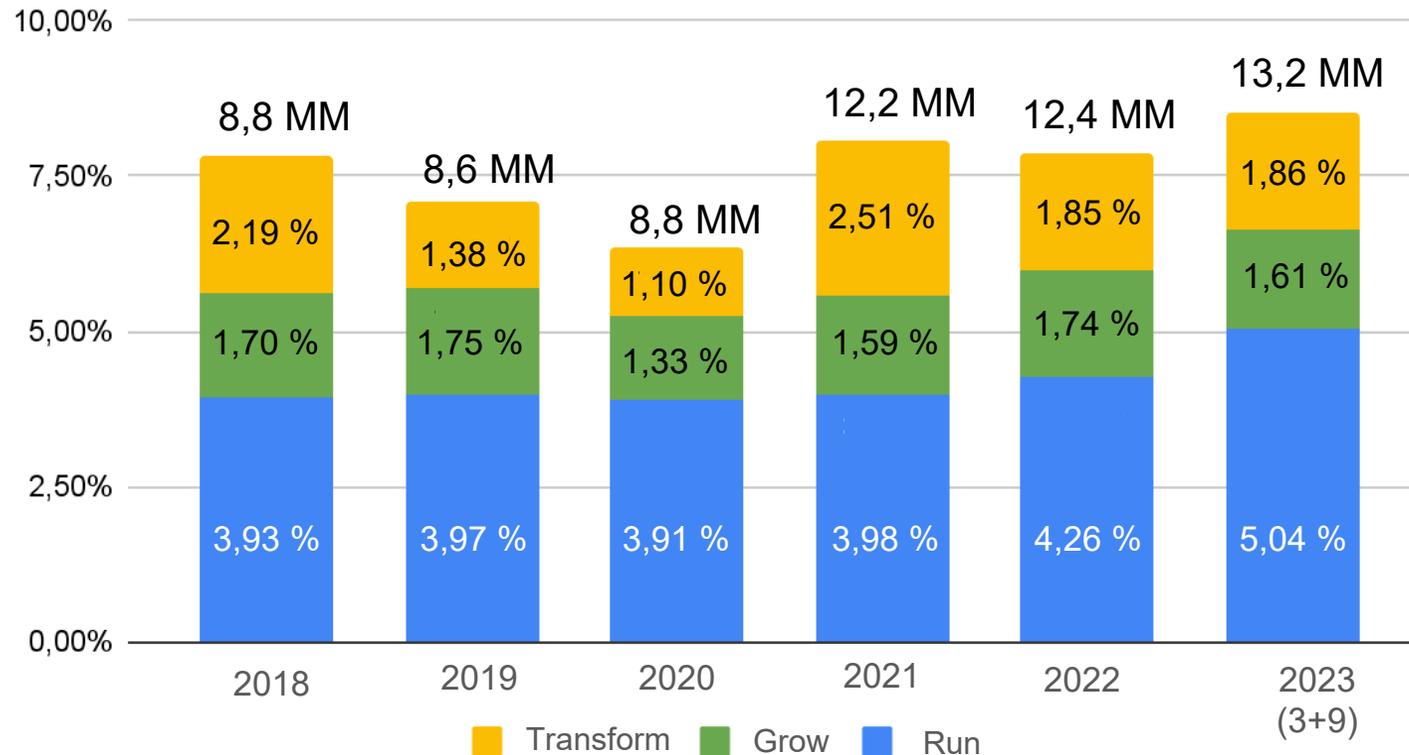
IT Spending



Source: Gartner (2021)
ID: 752516

The UOC's technological evolution is aligned with that of the **leading digital companies in the sector.**

IT budget implementation vs UOC income



Security, AI and academic administration are the areas where most of the **increase in investment and spending in technology** will be allocated over the next three years.

2014 subsidy (current):

€25,206,730

(5,760 ECTS at €4,376/ECTS)

-

**Theoretical subsidy in
2023:**

€54,400,500

(10,500 ECTS at €5,181.18/ECTS)

Update to the value of the subsidy in accordance with its current activity

- Update to the enrolment-based subsidy for ECTS credits deployed (2014-2023): **€20,742,240**

(10,500 ECTS in 2022 - 5,760 ECTS in 2014) * €4,376/ECTS in 2014)

Update to the value of the subsidy in accordance with 2023 prices

- Update to the enrolment-based subsidy in accordance with CPI-adjusted current prices (2014-2023): **€8,452,500**

(€4,376/ECTS in 2014 * (0.184% CPI)) * 10,500 ECTS in 2022

Total deficit 29,149,740

Update to the value of the subsidy in accordance with its current activity

- Update to the enrolment-based subsidy in accordance with ECTS credits deployed (2014-2023): **€3,739,860**

(10,500 ECTS in 2022 - 5,760 ECTS in 2014) * €789/ECTS in 2014

Update to the value of the subsidy in accordance with 2023 prices

- Update to the investment subsidy in accordance with CPI-adjusted current prices (2014-2023): **€1,522,500**

(€789/ECTS in 2014 * (1.184% CPI)) * 10,500 ECTS in 2022

Total deficit 5,262,360

2014 subsidy (current):

€4,544,640

(5,760 ECTS at €789/ECTS)

-

**Theoretical subsidy in
2023: €9,807,000**

(10,500 ECTS at €934/ECTS)

The simple update of the subsidy received by the UOC to cover its operating expenses in accordance with the increase in the CPI (18.4% in the period 2014-2023) (without taking into account the increase in activity) has an impact of €5,474,735

Other background aspects

- The undefined nature of the UOC's legal situation and the lack of recognition of its unique status have led to **contradictions that hinder the performance of our mandate**. (We originate from the CSUC (Catalan University Service Consortium) but are subject to the Law on Public Procurement (LCSP); we do not have access to public sources of funding but must apply public prices).
- The plans to stabilize and adapt the UOC to the new provisions of the LOSU (Organic Law on the University System) are a subsidized opportunity to attract and stabilize talent from public universities, but they also pose a **risk of loss of academic competitiveness** for the UOC.
- In a university where technological infrastructures are crucial and at the same time unique in order to carry out its activity with maximum efficiency, lack of access to the same infrastructures accelerates the **risk of technological obsolescence**.
- Faced with a scenario of falling university fees, **the UOC has no room for manoeuvre to balance its financial structure**.

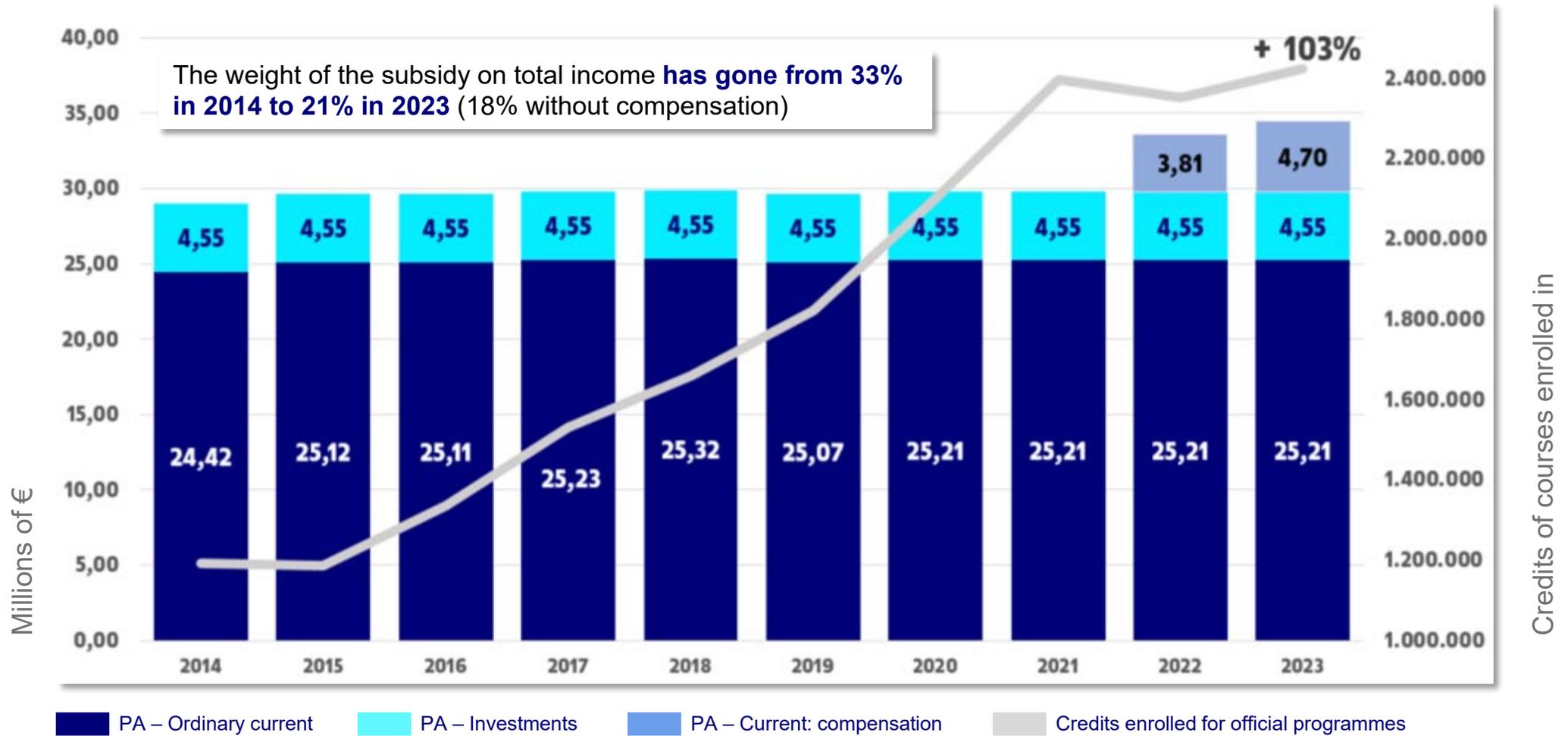
In a context of digital and ecological transition with a huge need for lifelong learning, the UOC needs a political will that gives it its own legal and economic framework to maximize its public function and vocation to serve Catalonia.

02

Where have we come from?

A track record of providing an efficient service:
evolution of the main economic and productivity
indicators

Programme agreement and credits of courses enrolled in under official programmes – 2014-2023

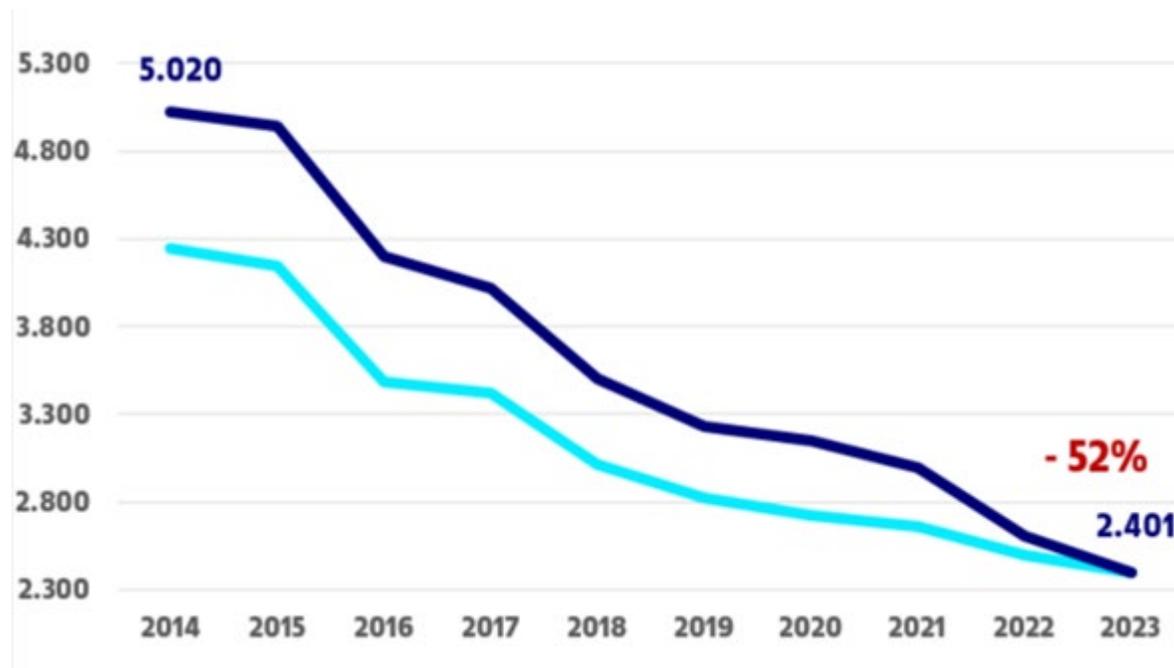


PA – Current compensation: This compensates for the increase in costs linked to the change of adjunct instructors model and the reduction in the price of official programmes

Ordinary current subsidy per unit of activity in official programmes – 2014-2023

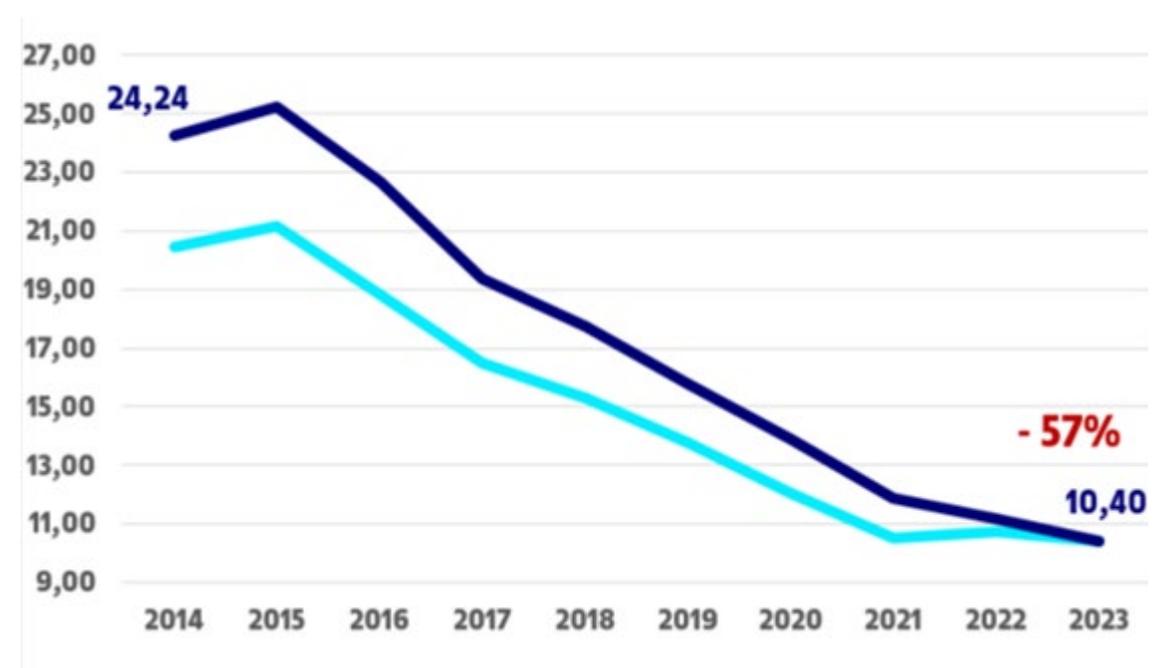
The sum of the effects of freezing the programme agreement, the growth of the activity and the rate of change of inflation mean that the subsidy per credit deployed for official programmes has **gone down by 50%**, or 57% for the subsidy per enrolled credit.

Ordinary current subsidy: per unit per credit deployed



Current prices (Cyan) | Prices updated to 2023 (Dark Blue)

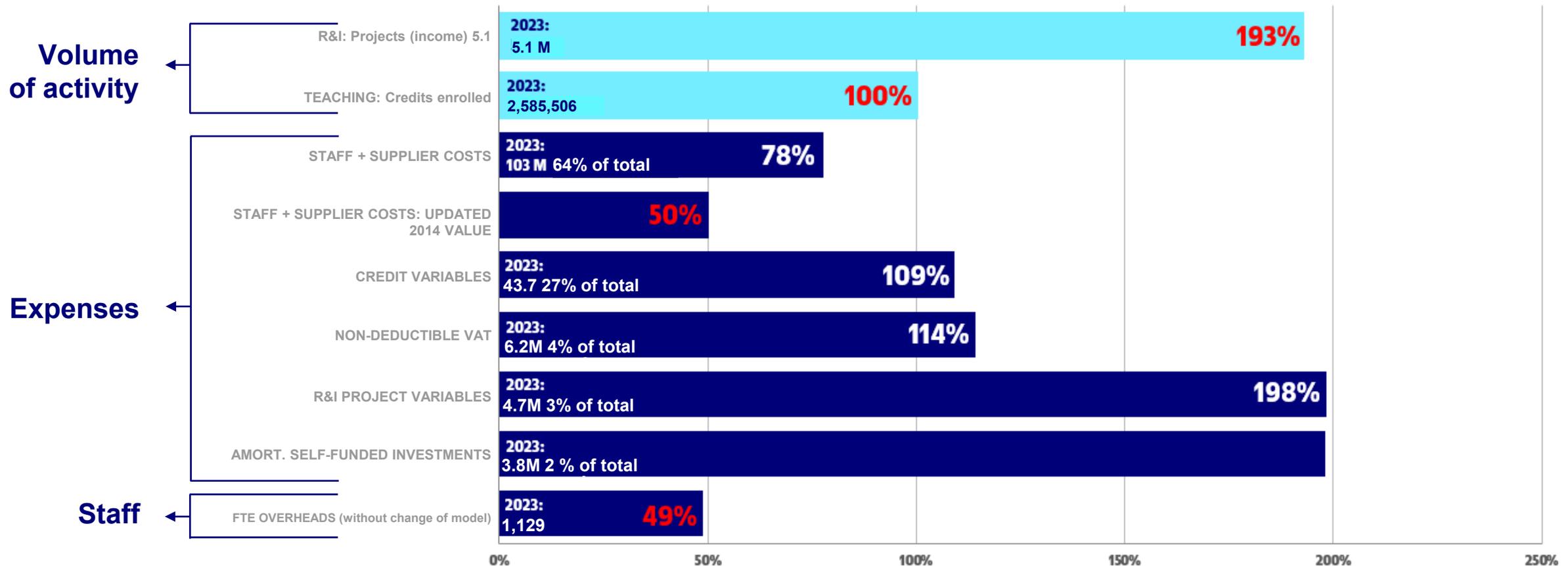
Ordinary current subsidy: per unit per credit enrolled



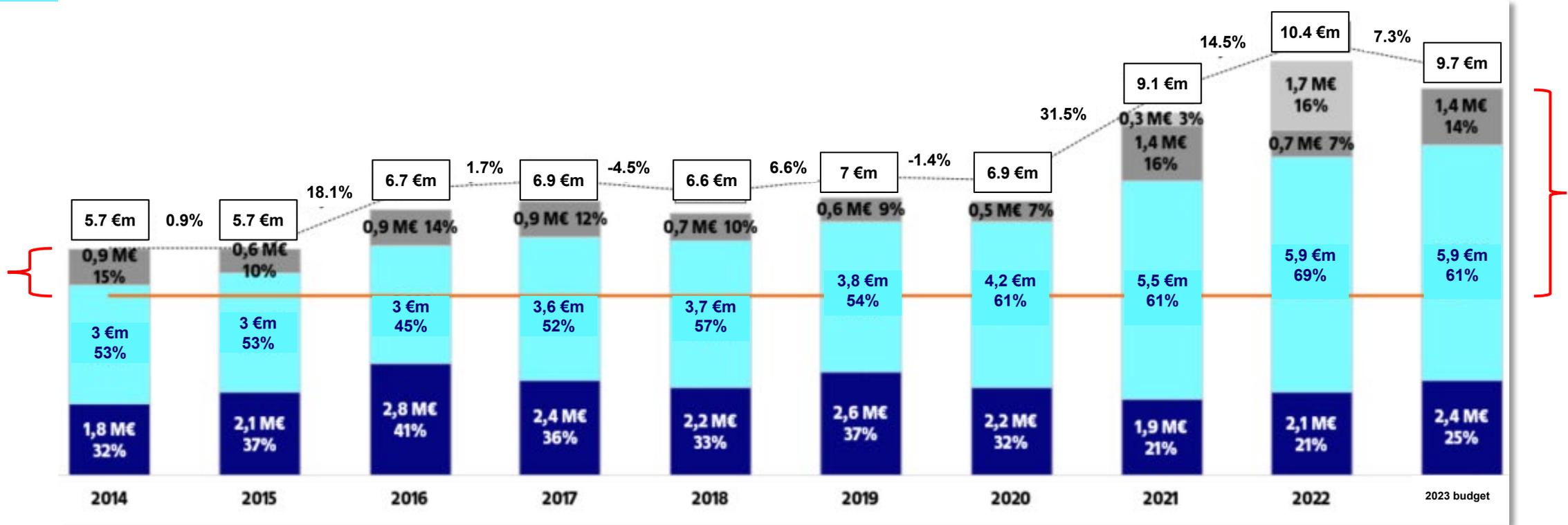
Current prices (Cyan) | Prices updated to 2023 (Dark Blue)

Growth in volume of activity, expenses and staff 2014-2023

The size of the UOC's staff and overheads grew in this period by **half** of the total increase in credits of courses enrolled in and **a quarter of the growth** in R&I project activity, while **maintaining quality levels**.



Investments and investment programme agreement



■ PROPRIETARY TEACHING MATERIALS
 ■ TECHNOLOGY INVESTMENTS
 ■ OTHER INVESTMENTS
■ ONE-OFF PROJECT INVESTMENTS
 — PROGRAMME AGREEMENT: INVESTMENT FUNDING

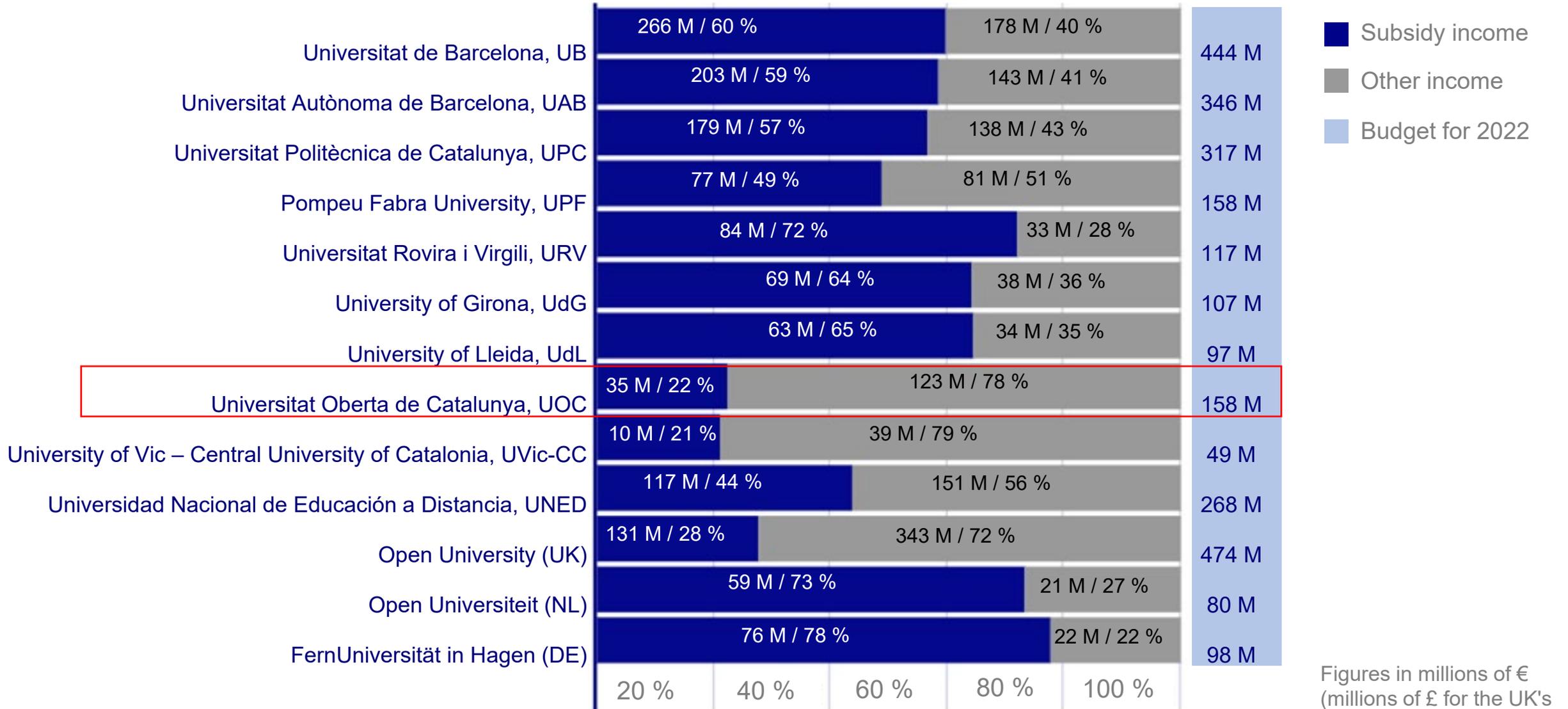
	2014	2015	2016	2017	2018	2019	2021	2022	2023 budget	TOTAL
INV. NO FINANÇ. C. PROGR.	1.1 €m	1.2 €m	2.2 €m	2.3 €m	2 €m	2.4 €m	4.5 €m	5.8 €m	5.2 €m	29.1 €m
AMORTITZ. NO FINANÇ.	0.1 €m	0.1 €m	0.2 €m	0.5 €m	1 €m	2.1 €m	3.2 €m	3.3 €m	3.8 €m	16.8 €m

Compared income figures

	Budget for 2022	Subsidy from Government of Catalonia	%	Students	Budget/student	Subsidy/student
UB	443,651,220	265,690,000	59.9	39,954	11,104	6,650
UAB	345,843,784	202,593,279	58.6	28,093	12,311	7,212
UPC	317,312,160	179,211,085	56.5	21,108	15,033	8,490
UPF	157,861,202	76,782,544	48.6	11,151	14,157	6,886
URV	116,798,515	83,933,547	71.9	10,576	11,044	7,936
UdG	106,636,989	68,460,102	64.2	12,419	8,587	5,513
UdL	97,275,000	62,800,000	64.6	8,739	11,131	7,186
UOC	158,242,361	35,500,000	22.4	32,319(*)	4,896	1,098
UVic	49,103,047	10,300,000	21	6,620	7,417	1,556
URL	133,643,802	-		14,438	9,256	-

(*) Equivalent full-time students: **71,301 unique official programme students in academic year 2020/2021**

Income from public subsidies received



Figures in millions of € (millions of £ for the UK's Open University)

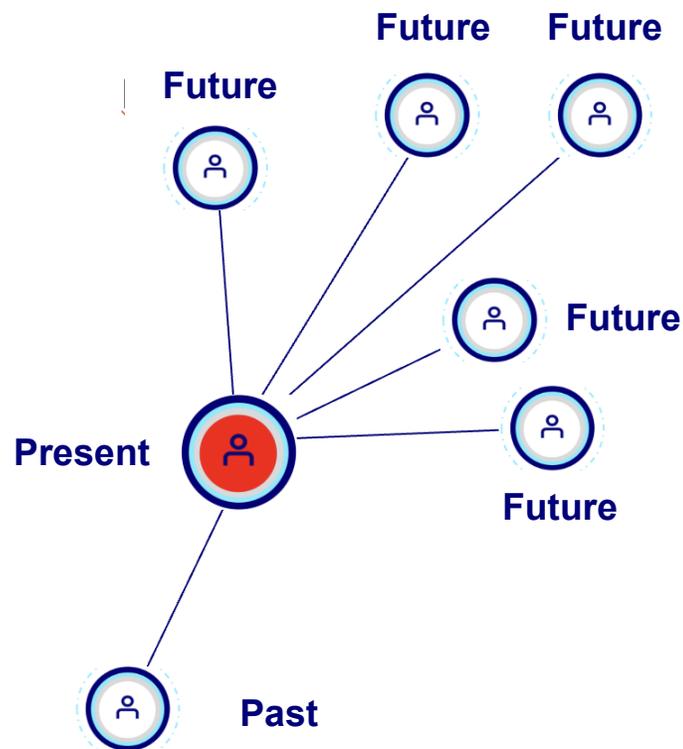
03

Where do we want to be?

The opportunity for a competitive UOC for an inclusive, digital and entrepreneurial Catalonia

Continuing education is a priority on political agendas

And Catalonia has the UOC to ensure it is high-quality, inclusive, scalable and leads to employment



- Challenge: "To design and implement a **system of continuous higher education to address current social needs**, carry out business innovation and reduce the digital divide while promoting competency-based learning."

Catalan Agreement on the Knowledge Society

- "Designing, together with all stakeholders, a new higher education model:
 - Promoting dual programmes in university degrees
 - Promoting profession-focused campuses and bachelor's degrees
 - Promoting **continuous and occupational training at a higher level**"

Government of Catalonia Plan – September 2021

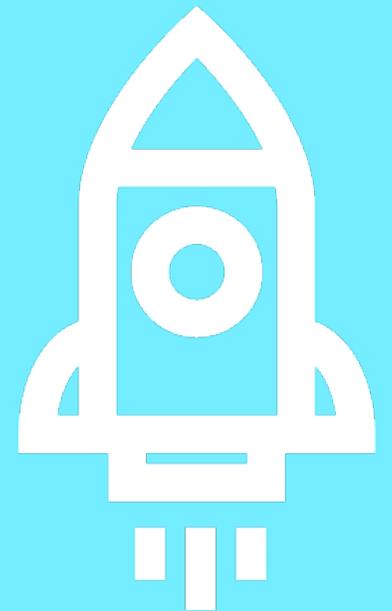
- "This organic law includes **lifelong learning as an essential dimension of the university's teaching function**. Formulas for transfer and connection between higher vocational training and the university at the service of the professional and personal updating processes for the population as a whole are also established." *LOSU*

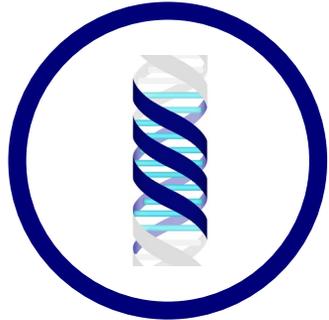
The traceability of a public mandate renewed in April 2023

From context to impact, through action



Ten challenges for a fully inclusive UOC





The research ecosystem to understand and change the world



This project appears as a unique infrastructure in Catalonia for Europe and the world. It seeks to be a beacon of innovation, collaboration and transformative education open to the education community, governments and technological institutions with the aim of shaping educational paths for future generations.

- **Challenge 2: To create the Lifelong Learning Living Lab L5: an educational learning laboratory designed to push the boundaries of lifelong learning through the strategic application of the analysis of learning and the opportunities provided by artificial intelligence.**



Nurturing a Lifelong Learning
through an Innovative
Education Living Lab
(L⁵)



**Technology to
improve the
education
programmes
available**

- **Challenge 3: To reduce drop-out** rates by applying [data analysis](#) to monitor and integrate present and future students' consumption habits and preferences.
- **Challenge 4: To increase student satisfaction and productivity** by integrating the potential of [artificial intelligence](#) for the **personalization** of learning in the **new learning environment**.
- **Challenge 5: To make the design of pathways more flexible**, implementing the **new** [academic management system](#) to facilitate the construction of student pathways.
- **Challenge 6: To empower students** to [recognize, manage and share the development of their competencies](#) by linking them to the labour market.
- **Challenge 7: To evolve learning resources** to promote [immersive learning experiences](#) that can be monitored.

- **Challenge 3:** Reduction in the drop-out rate

All academic activity by students should be monitored and analysed to ensure their sustained progress.



Una mujer trabaja con su ordenador en la sede de la UOC de Barcelona. / MASSIMILIANO MINOCCI

La Oberta de Catalunya, de enseñanza a distancia, crea un modelo basado en algoritmos para incentivar a sus estudiantes a completar con éxito sus carreras

IA para detectar el riesgo de suspenso y abandono en la universidad

do? ¿Cuando no entrega la primera actividad? ¿La segunda? Puede ser demasiado tarde. Y por eso han creado PDAR. "Con este sistema el profesorado tiene un cierto margen de reacción sobre lo que ocurre o va a ocurrir. Ellos empezamos con modelos que intentaban predecir la posibilidad de suspender la asignatura y terminamos con un modelo específico sobre el abandono".

Base de datos

Al principio usaban un juego de la posibilidad de no aprobar una asignatura si no se entregaba la primera actividad y tenían en cuenta sus resultados de las pruebas de evaluación continua. Para ello construyeron una base de datos de las calificaciones de antiguos alumnos anonimizados con la que entrenaron modelos de aprendizaje automático. Y para mejorar su eficacia, mejoraron el modelo teniendo en cuenta otros datos antiguos: era un nuevo alumno, si se había matriculado ya en la materia, expediente académico y el número de asignaturas a las que se iba matriculando (algo determinante). Pero el sistema se quedó corto porque esta monitorización se limitaba a tres o cuatro momentos precisos de entrega de trabajos y la ayudaba podía llegar tarde.

Con el algoritmo de PDAR, ahora afina más, se monitoriza cada día y se tiene en cuenta además los datos del perfil del alumno: la cuestión, su rendimiento dentro del curso y su implicación en la vida universitaria a través de clics y otras acciones diarias. "Empezamos a ver cuando entraban en los tablones, en los foros para inferir un poco la interacción dentro del aula", prosigue Guerrero.

- **Challenge 3:** Reduction in the drop-out rate

All academic activity by students should be monitored and analysed to ensure their sustained progress.

- **Challenge 4:** Personalization of learning

All teaching staff and students should be competent, aware and responsible in the use of artificial intelligence tools.



Kit Hola, A

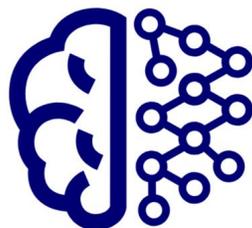
eLearning Kit

per al disseny de l'aprenentatge

INICI DISSENY FORMATIU AULA I EINES CANVAS IA ODS I GÈNERE AVALUACIÓ DIGITAL

★ **NOVETATS:** Glossari sobre IA: Conceptes bàsics

IA Generativa



📖 Glossari sobre IA: Conceptes bàsics

Glossari que reuneix la nova terminologia derivada de l'aparició i ús de la intel·ligència artificial generativa.

📖 Com preguntar a la IA? Prompts d'utilitat per al professorat per fer servir la IA generativa

Guia amb indicacions sobre com interrogar els diferents tipus d'intel·ligències artificials

SOBRE eLearning Kit

Qui som

Què fem

Difusió

MÉS RECURSOS SOBRE ...

Model educatiu

Bones pràctiques

Recursos externs

Altres llocs de referència

QUÈ ÉS EL DISSENY REPTE-NIU?

📖 IA: activitats d'utilitat per al professorat i tipus de prompts

Infografia sobre les activitats a les quals pot contribuir la intel·ligència artificial generativa relacionades amb els processos docents de planificació de l'assignatura, el disseny de l'avaluació, la comunicació amb l'estudiantat i d' altres.

📖 EI ChatGPT als EPCE

Aquesta infografia és fruit de les reflexions de la jornada i el treball en grup sobre Avaluació als EPCE. Proposa recomanacions i orientacions sobre l'ús del ChatGPT.

📖 Impacte de les IA Generatives en l'Educació Superior

L'aparició de les intel·ligències artificials generatives pronostica transformacions significatives en una àmplia gamma d'àmbits professionals, especialment en aquells que són dependents de la creació i gestió del coneixement. Però, com està afectant això a l'ecosistema educatiu, especialment l'Educació Superior?

📖 Eines útils per al personal docent (IA Generatives)

Aquesta infografia presenta algunes de les eines d'IA, més enllà del ChatGPT, que poden ser d'utilitat.

📖 10 metodologies i activitats per avaluar i aprendre amb IA generativa



ETIQUETES

- ABP
- Activitat
- Aprenentatge situat
- Article
- Aula
- Autoria
- Avaluació
- Bones pràctiques
- Canvas
- CERL
- Competències
- Comunicació
- constructive alignment
- Curació de continguts
- Debats
- Disseny
- Docència
- Eine_2 temes
- Feedback
- Folio
- gamificació
- GoogleApps
- Guia
- Gènere
- IA
- Identitat
- Infografia
- Innovació Educativa
- Metodologies actives
- Metodologies docents
- Moodle
- Niu
- ODS
- Perspectiva de gènere
- Portafolis
- Projecte docent
- Recursos d'aprenentatge



- **Challenge 3:** Reduction in the drop-out rate

- **Challenge 4:** Personalization of learning

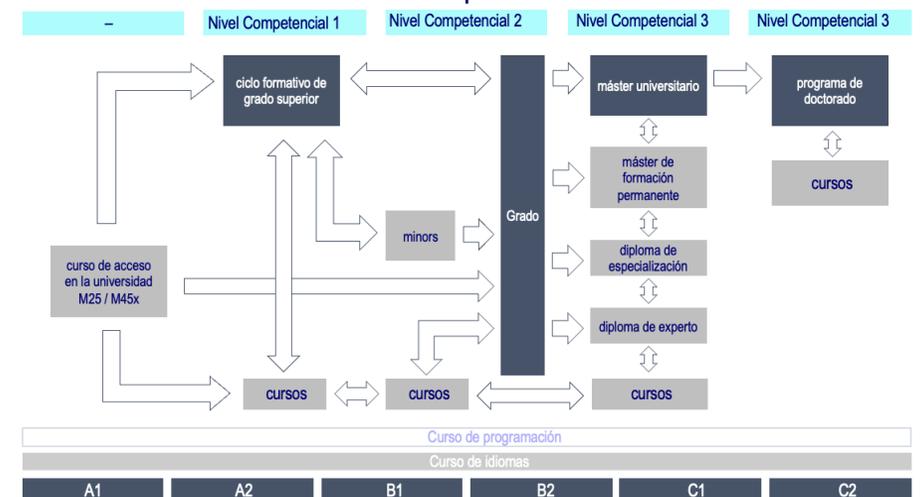
- **Challenge 5:** Flexibility of pathways

All academic activity by students should be monitored and analysed to ensure their sustained progress.

All teaching staff and students should be competent, aware and responsible in the use of artificial intelligence tools.

All programmes should be traceable, stackable and recognizable.

Trazabilidad de la oferta: itinerarios potenciales de los estudiantes





- **Challenge 3:** Reduction in the drop-out rate
- **Challenge 4:** Personalization of learning
- **Challenge 5:** Flexibility of pathways
- **Challenge 6:** Self-management of learning outcomes
- **Challenge 7:** Immersive experiences

The UOC's new research hub has eight specialist labs in a collaborative and interdisciplinary environment



All learning resources should be adapted to students' needs and preferences and at the service of relevant learning experiences.



- **Challenge 3:** Reduction in the drop-out rate

All academic activity by students should be monitored and analysed to ensure their sustained progress.

- **Challenge 4:** Personalization of learning

All teaching staff and students should be competent, aware and responsible in the use of artificial intelligence tools.

- **Challenge 5:** Flexibility of pathways

All degrees should be traceable, stackable and recognizable.

- **Challenge 6:** Self-management of learning outcomes

All learning outcomes should be linked to the labour market and managed by students who are aware of the value of the competencies acquired.

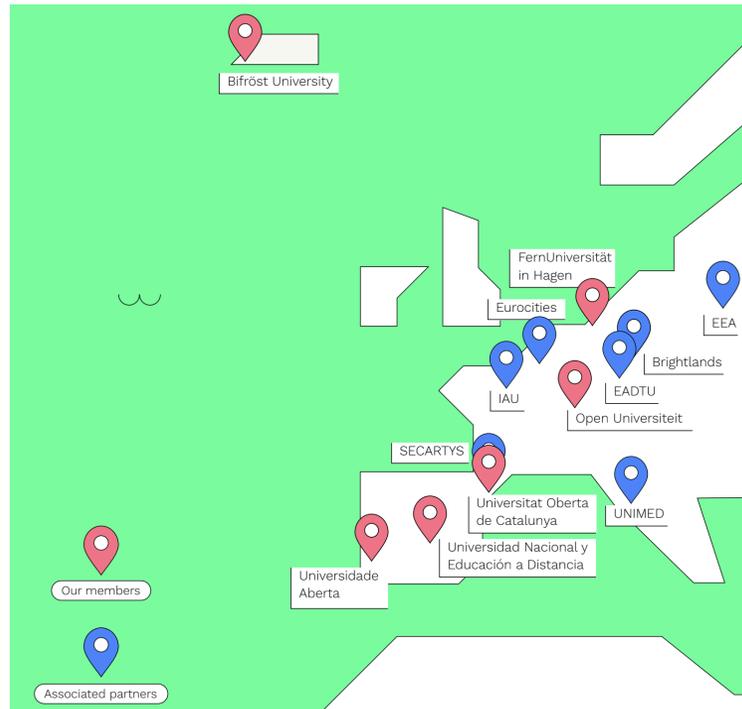
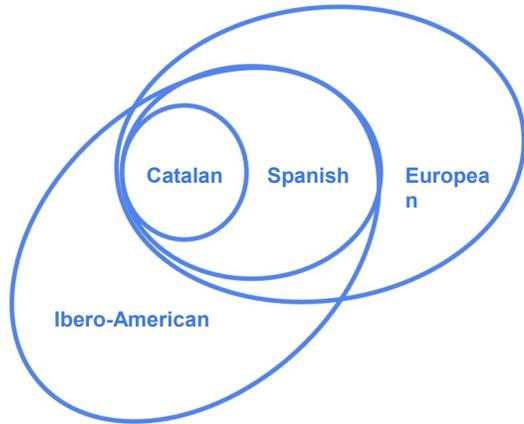
- **Challenge 7:** Immersive experiences

All learning resources should be adapted to students' needs and preferences and at the service of relevant learning experiences.



Alliances to consolidate a systemic proposal

- **Challenge 8: To coordinate the European OpenEU Alliance as the first pan-European open university to address the three main challenges of the European Higher Education Area: digital transformation, inclusion and equity, and lifelong learning.**



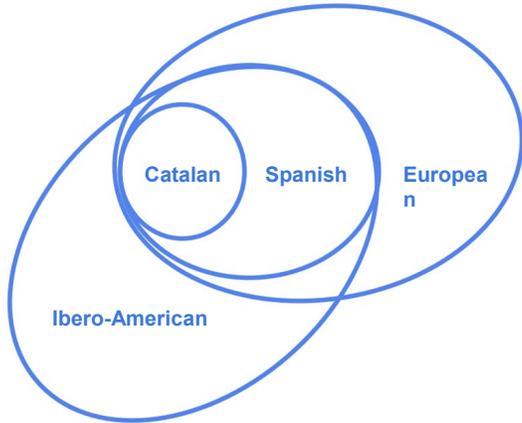
The learner-centred, inclusive, digital and green Open European University for the strengthening of the European Higher Education Area

Joint Mission Statement
January 2023

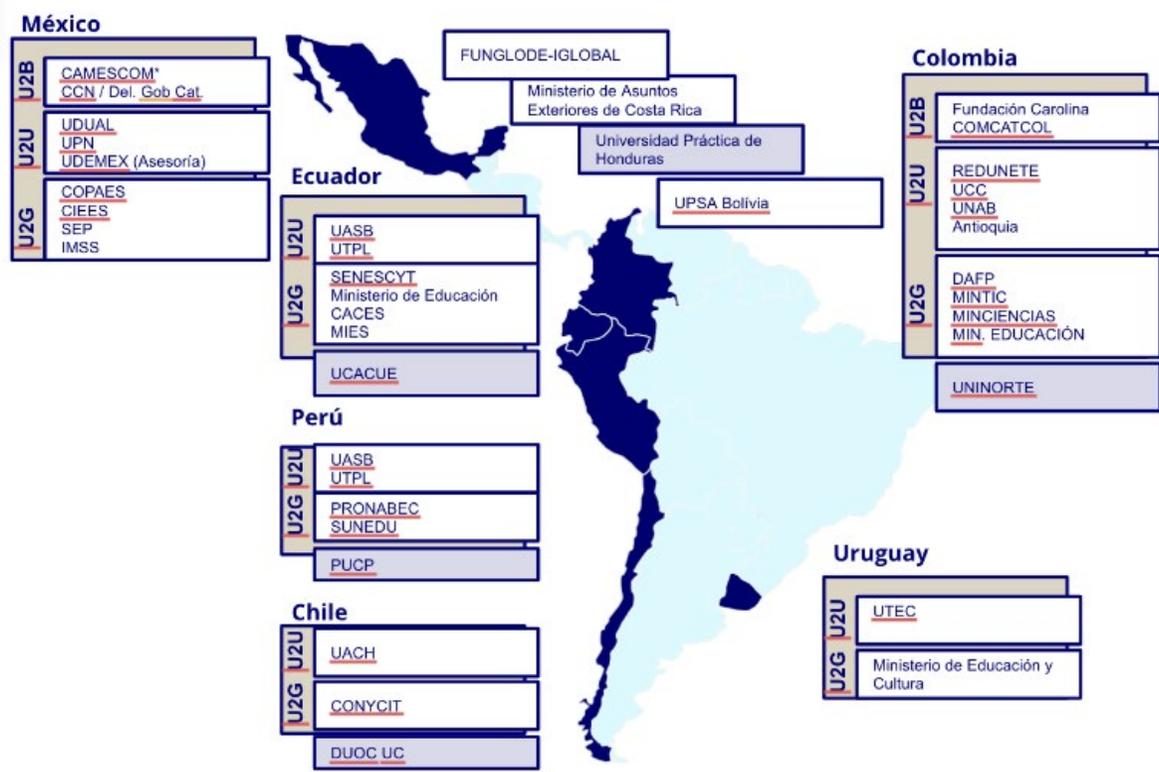




Alliances to consolidate a systemic proposal



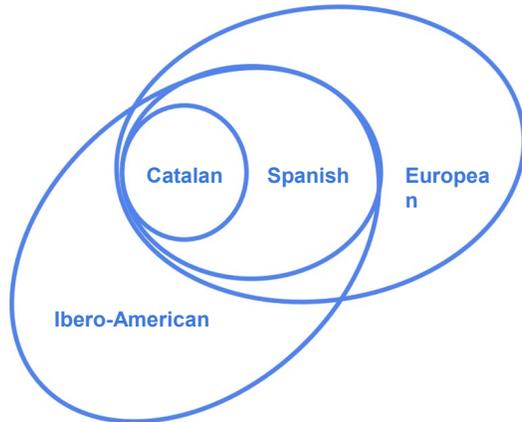
- **Challenge 9: To strengthen the network of alliances with the higher education system in Latin America in order to promote the deployment of online teaching to increase higher education access and coverage and make Catalonia a world leader in quality and transformative lifelong education**





Alliances to consolidate a systemic proposal

- **Challenge 10: To collaborate with the ecosystem of public and private stakeholders in Catalonia to develop training initiatives aimed at providing quality employment opportunities for people, and boosting and transforming Catalonia**

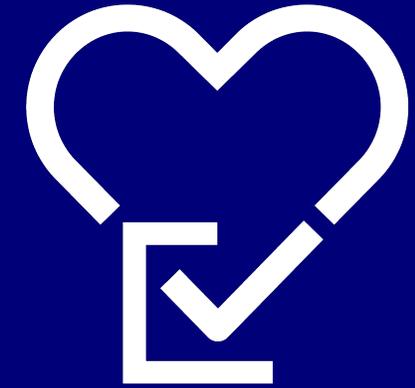


The traceability of a public mandate renewed in April 2023



- 1 A systemic, global and inclusive UOC at risk of collapse due to frozen funding**
- 2 A track record of providing a highly efficient and productive service,**
- 3 Seeking to be competitive in order to be the benchmark for lifelong learning in an inclusive, digital and entrepreneurial Catalonia**

And it is a benchmark because – **with a public mandate** – it generates, recognizes and exchanges **complex and relevant knowledge**, because **it adapts** to a changing context, **integrating technological opportunities**, and because it maintains a **constant dialogue and collaboration** with the other stakeholders.



Thanks to a team that is enthusiastic and engaged

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Thank you very much