

CE SAPIEN

South and Atlantic Pedagogical Innovation & Excellence Network

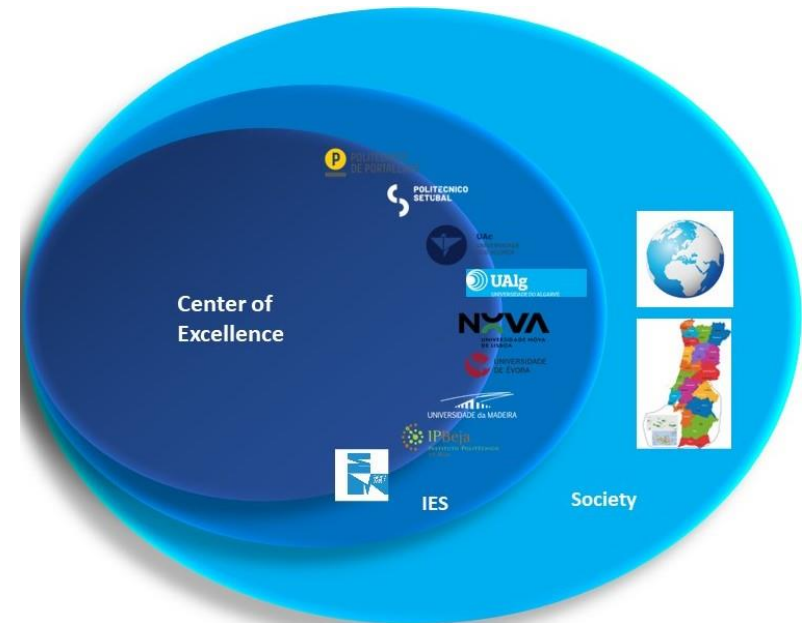
DGES | March 26th, 2024



I - The Consortium

9 Higher education institutions covering the south of the continental territory plus the islands of Madeira and the Azores:

- Universidade NOVA de Lisboa
- University of Évora
- University of Algarve
- University of Azores
- University of Madeira
- Egas Moniz School of Health and Science
- The Polytechnic Institute of Beja
- The Polytechnic Institute of Portalegre
- The Polytechnic Institute of Setúbal



CONSORTIUM SOUTH & ATLANTIC

65.973 students

35.600 non-stem students



UAç
UNIVERSIDADE
DOS AÇORES



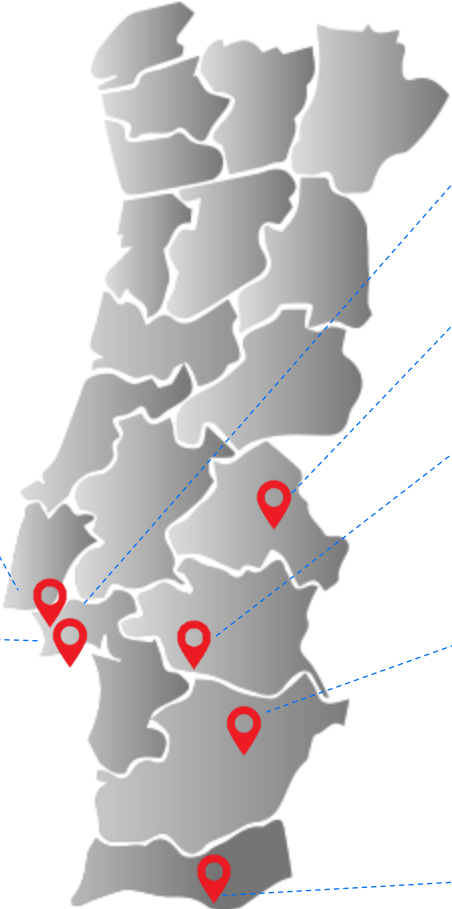
UAM
UNIVERSIDADE
DA MADEIRA



**POLITECNICO
SETUBAL**



UNIVERSIDADE da MADEIRA



NOVA
UNIVERSIDADE NOVA
DE LISBOA



P **POLITÉCNICO
DE PORTALEGRE**



**UNIVERSIDADE
DE ÉVORA**



IPBeja
INSTITUTO POLITÉCNICO
DE BEJA



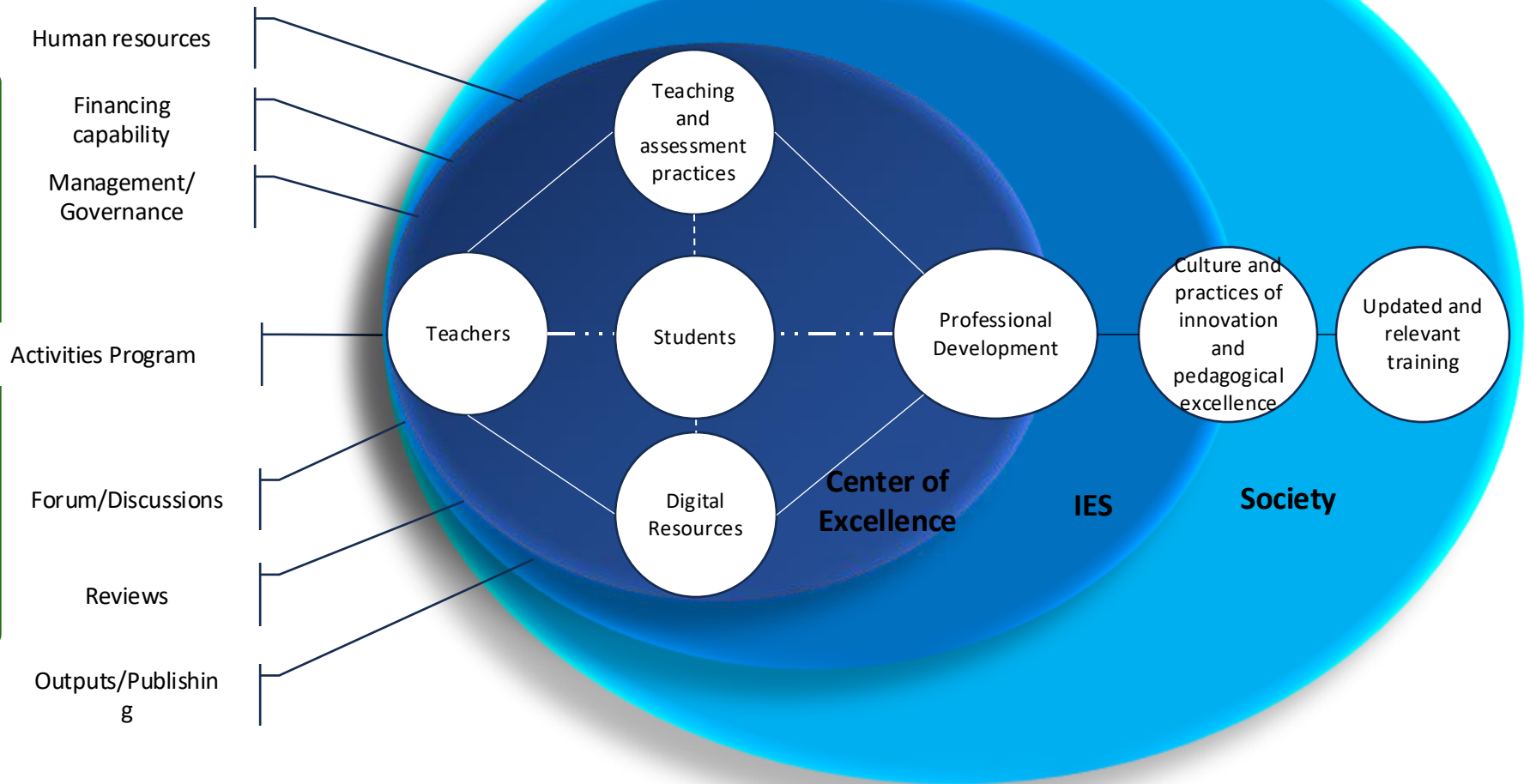
UALg
UNIVERSIDADE DO ALGARVE

The main challenges of the Consortium:

A collaborative project:

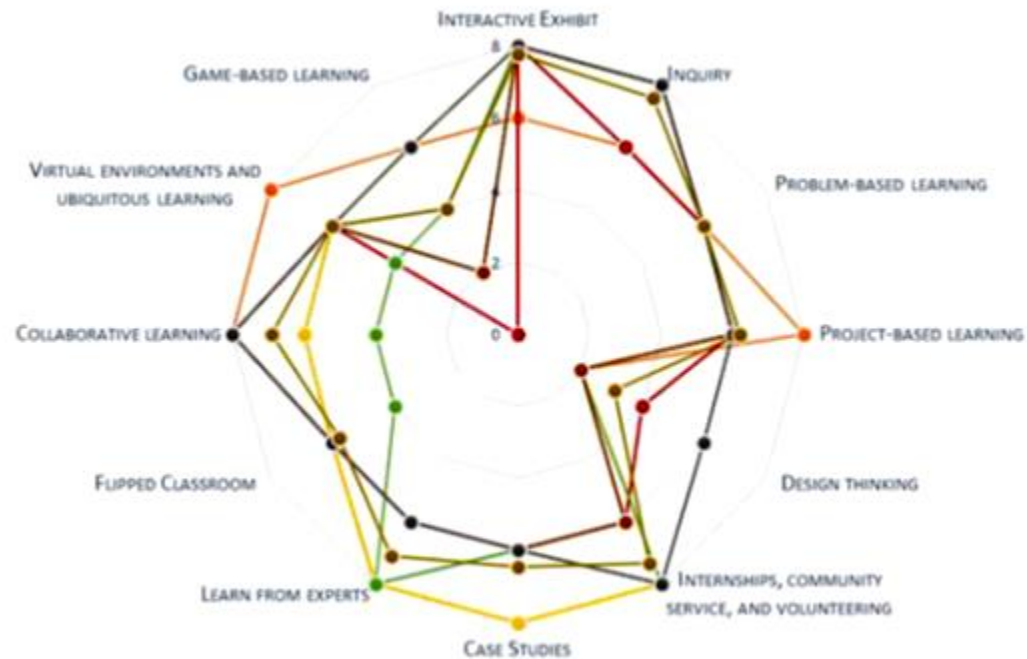
- ⇒ promoting the territorial cohesion
- ⇒ transforming the institutional capabilities, culture and practices of the HEI directly involved
- ⇒ deepening the digital transformation in higher education
- ⇒ looking for a systemic approach of pedagogical innovation

A Vision of the Center of Excellence



II – From The Consortium to the Centre of Excellence: challenges and strategies

Where do we stand?



The students' voice

- ⇒ *the need to modernize **physical and computer infrastructures** and a more efficient network connection*
- ⇒ *the importance of a cohesive, well-structured and more diversified **assessment system** (including using digital tools)*
- ⇒ *The adoption of **hybrid models of learning**, combining face-to-face and online methods*
- ⇒ *A more flexible and comprehensive educational experience*
- ⇒ ***More diversified methodologies**, such as flipped classroom, teamwork, problem-solving activities and activities that develop critical thinking and creativity*

The students' voice

- ⇒ *A deepen and enriched interaction with the environment and contact with reality, reinforcing the more practical components of the curricular units (using virtual reality tools, tools based on AI, and digital tools to build idea clouds and share information in real time)*
- ⇒ *What all the students stressed is that all these changes imply, on the one hand, **greater autonomy and responsibility** on the part of the students in an active construction of knowledge and, on the other hand, a consistent **pedagogical training program** for teachers*
- ⇒ *Pedagogical training of teachers and researchers as a key measure for the medium- and long-term transformation of higher education*

What do we want to do?

A global and systemic approach involving 4 lines of action

- ✓ A flexible and dynamic pedagogical model centered on students and learning processes;
- ✓ The professional development of all those who teach in a digital world and the institutional recognition of the time and dedication invested in pedagogical innovation;
- ✓ The structural impact of pedagogical innovation on the curricula and the institutional culture of HEI;
- ✓ The need to coordinate this project and the Centre of Excellence with other programs to be developed under the *Impulso Mais Digital* Program: *Digital Skills* and Promoting Success in Higher Education.

Specific issues raised by the panel...

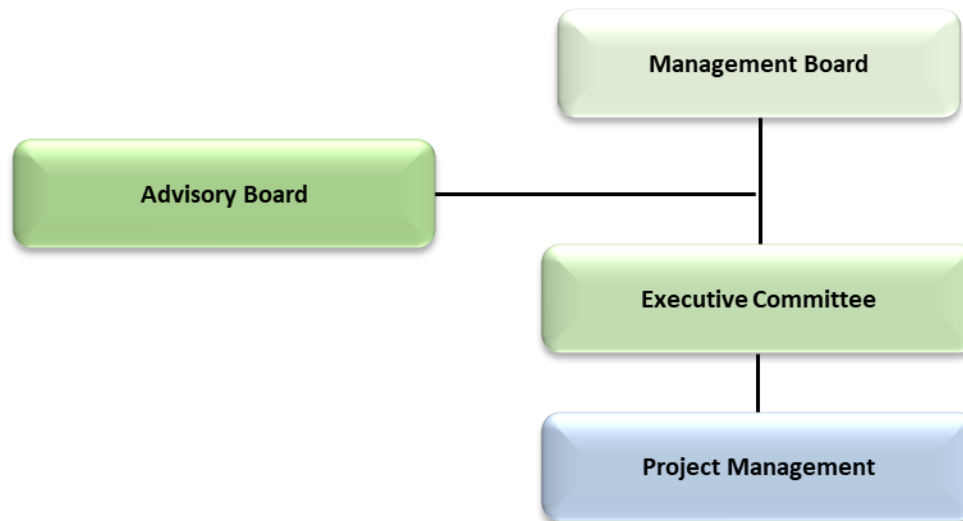
Institutional commitment and post-funding strategies

⇒ *The Leadership support: the members of the working group*

Universidade do Algarve
Universidade de Évora
Universidade dos Açores
Universidade da Madeira
Politécnico de Setúbal
Instituto Politécnico de Beja
Instituto Politécnico de Portalegre
Instituto Universitário Egas Moniz

Eduardo Esteves - Pró-reitor para a Inovação Pedagógica e Apoio ao Estudante
Ana Paula Canavarro - Vice-Reitora
Ricardo Teixeira - Pró-reitor para a Qualidade e Inovação Pedagógica
Elisa dos Santos Fernandes - Vice-Reitora
Catarina Delgado - Pró-Presidente para a Inovação Pedagógica
Nuno Eduardo Marques de Loureiro - Vice-Presidente
Fernando Rebola - Vice-Presidente
João Luís Serrenho Frazão Couvaneiro - Diretor do Departamento de Inovação Pedagógica e e-learning

⇒ *The Leadership support: the Decision-Making Authority*

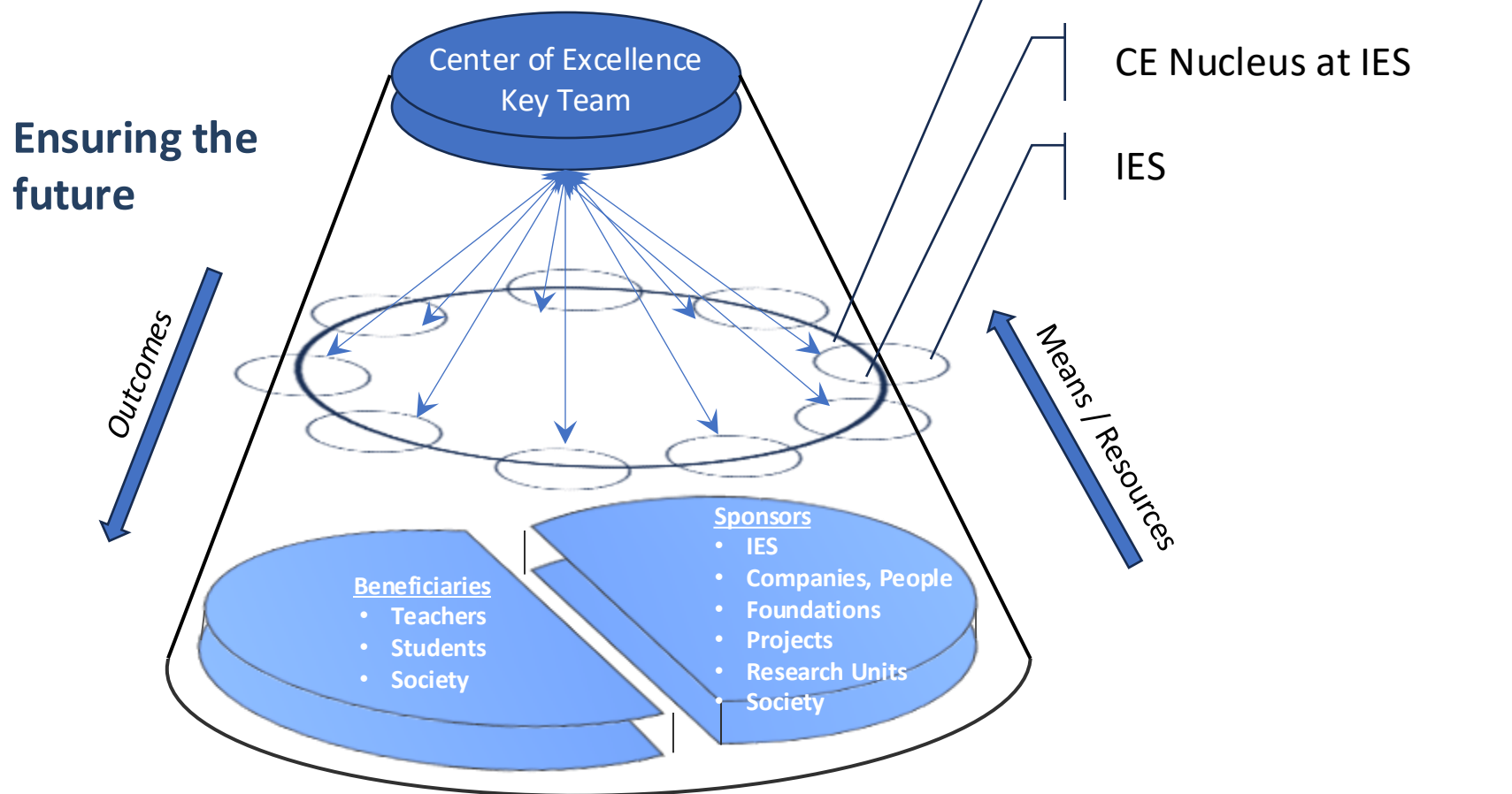


- ⇒ All the partner institutions already have a framework that can support this project in a sustainable way.
- ⇒ At Nova, for example, there is a transversal strategy for pedagogical innovation set out in the document **Teaching & Learning Innovation Policies @ NOVA** based on several dimensions that we have also included in this application:
1. The Professional Development of All Those Who Teach;
 2. Teaching and Learning in a Digital World;
 3. Student Engagement and collaboration;
 4. Evidence based decision making and Scholarship of Teaching and Learning;
 5. Assessment For, As and Of learning.

⇒ Ensuring the future post-funding:

- Creation of Pedagogical Innovation Labs/Nucleus in all HEI to ensure the articulation with the CE, the updating of the Pedagogical Innovation Hub/Platform, and guarantees the continuity of the project beyond the funding period.
- The application also includes a possible funding model that includes various sectors of the society.
- Most of all, we will be committed that this project will help to develop, in two or three years, an irreversible shift in academic culture that values pedagogical innovation.

Operating model of the Center of Excellence in the Post-Project



⇒ Motivation for Scholarship Specialists

- Investing in human resources

	2024	2025	2026	Total
Gastos com pessoal docente e pessoal não docente	258 721,87 €	528 064,65 €	287 817,18 €	1 074 603,70 €
Recuperação e modernização de equipamentos	1 049 341,31 €	215 476,07 €	144 168,06 €	1 408 985,44 €
Recuperação, aquisição e modernização de infraestruturas, instalações	679 813,22 €	230 000,00 €	30 000,00 €	939 813,22 €
Outras despesas e serviços necessários ao investimento	61 520,97 €	34 800,00 €	20 940,00 €	117 260,97 €
Despesas associadas à realização de conferências e workshops de disseminação de práticas pedagógicas	61 975,45 €	77 069,02 €	70 291,58 €	209 336,04 €
TOTAL	2 111 372,81 €	1 085 409,74 €	553 216,82 €	3 749 999,37 €

Orçamento atribuído

3 750 000,00 €

- **Creating motivational strategies:**
 - ✓ By involving teachers in **communities of practice** (there are already several successful initiatives)
 - ✓ By proposing **institutional incentives** for pedagogical innovation: awards, reduction of the teaching hours for innovative projects; valuing pedagogical training and participation in pedagogical innovation activities in teacher evaluation and career promotion

⇒ Funding Allocation & Training Programs:

- The budget distribution model adopted

Instituição de Ensino Superior	Alunos Inscritos		Montante máximo elegível (Majoração 25% do Valor Base = 3 750 000 €)		Custos de Coordenação	Valor Final Atribuível
			Componente fixa	Componente variável	Equivalente à remuneração de um Técnico Superior a tempo integral afeto ao projeto (valor = 50 000€)	Proposta Atual
			50% do Montante máximo elegível repartido por IES de forma equitativa	50% do Montante máximo elegível repartido por IES de forma ponderada por N.º de Alunos inscritos		
	N.º	%	€	€	€	€
Universidade Nova de Lisboa	25085	38,0	208 333,33 €	712 933,70 €	19 011,57 €	952 255,47 €
Universidade da Madeira	3589	5,4	208 333,33 €	102 001,96 €	2 720,05 €	307 615,24 €
Universidade dos Açores	2961	4,5	208 333,33 €	84 153,74 €	2 244,10 €	290 242,98 €
Universidade do Algarve	9871	15,0	208 333,33 €	280 540,90 €	7 481,09 €	481 393,15 €
Instituto Politécnico de Beja	3110	4,7	208 333,33 €	88 388,43 €	2 357,02 €	294 364,74 €
Instituto Politécnico de Portalegre	2643	4,0	208 333,33 €	75 115,96 €	2 003,09 €	281 446,20 €
Instituto Politécnico de Setúbal	7848	11,9	208 333,33 €	223 045,79 €	5 947,89 €	425 431,24 €
Universidade de Évora	7868	11,9	208 333,33 €	223 614,21 €	5 963,05 €	425 984,49 €
Egas Moniz (IUEM+ESSEM)	2998	4,5	208 333,33 €	85 205,31 €	2 272,14 €	291 266,50 €
TOTAL	65973	100,0	1 875 000,00 €	1 875 000,00 €	50 000,00 €	3 750 000,00 €

- ✓ A distribution considered more equitable
- ✓ A contrasting scenario
- ✓ Common strategies and activities

- ✓ The budget was also based on concrete activities and priority investments for each HEI and School.
- ✓ Only 2 examples from NOVA ...

NOVA School of Law	
Solutions and Equipment	Estimated Cost
Virtual reality glasses - metaverse (2/3) for use in teaching 1st and 2nd cycle subjects	7 971,50 €
2 x Virtual Reality Glasses 128GB	1 866,67 €
2 x KIWI design Compatible clip-on earphones	500,00 €
Training	5 604,83 €
A technical solution that makes it possible to block internet access in a room during tests and exams (and only during that period), thus allowing students to use their own computer when taking the tests	5 000,00 €
Safebrowser - licences and implementation	5 000,00 €
Acquisition of at least one film camera with tripod and microphones to improve the sound and image quality of events (conferences, workshops, seminars) held at the Faculty	2 600,00 €
Professional video camera for streaming	1 500,00 €
Motorised video conference camera	600,00 €
Mixer	500,00 €
A room with several monitors on which the content of the lesson can be projected simultaneously, rotating modules to facilitate group activities, an interactive screen and film on the walls, providing a surface for brainstorming sessions between students	42 750,00 €
3 x 86" interactive screens + rotated stand	13 500,00 €
Mixer	500,00 €
Preparation of walls and application of film for direct writing on the wall (180°/270° board), brainstorming/Think tank	15 000,00 €
Furniture for 25 students	13 750,00 €
TOTAL	58 321,50 €

Faculdade de Ciências Sociais e Humanas Solutions and Equipment	Estimated Cost
Remodelling spaces & Classroom equipments	85 106,77 €
2 x Room remodelling	9 000,00 €
Laboratory remodelling	4 500,00 €
Furniture for 55 students: Flexible seating, Mobile Teaching Stations	14 300,00 €
Room soundproofing	18 937,66 €
6 x Virtual Reality kit	6 000,00 €
3 x Interactive Whiteboards	16 800,00 €
13 x Tablet	13 000,00 €
Mixer	569,11 €
2 x Professional streaming and videocast camera	2 000,00 €

- **Trainings Programs and Methodologies**

- ✓ Taking advantage of the multiplier potential of the Consortium through training programs available to the entire network
- ✓ A diversified methodology: face-to-face, hybrid format, and e-learning
- ✓ Regardless of the methodology used, all training courses will be accessible, via the Pedagogical Innovation Hub, to all teachers across the network

- ✓ Annual training program is defined by the EC's Strategic Council
- ✓ Two main levels: Initial and advanced
- ✓ Two key areas: Innovative teaching practices & digital resources for teaching and learning
- ✓ Some examples:

Curriculum design;

Teaching methods for active;

Assessment and learning construction;

Teachers' professional knowledge and communities of practice;

Digital literacy for teaching;

Artificial Intelligence tools for teaching and learning;

Virtual Reality and Augmented Reality;

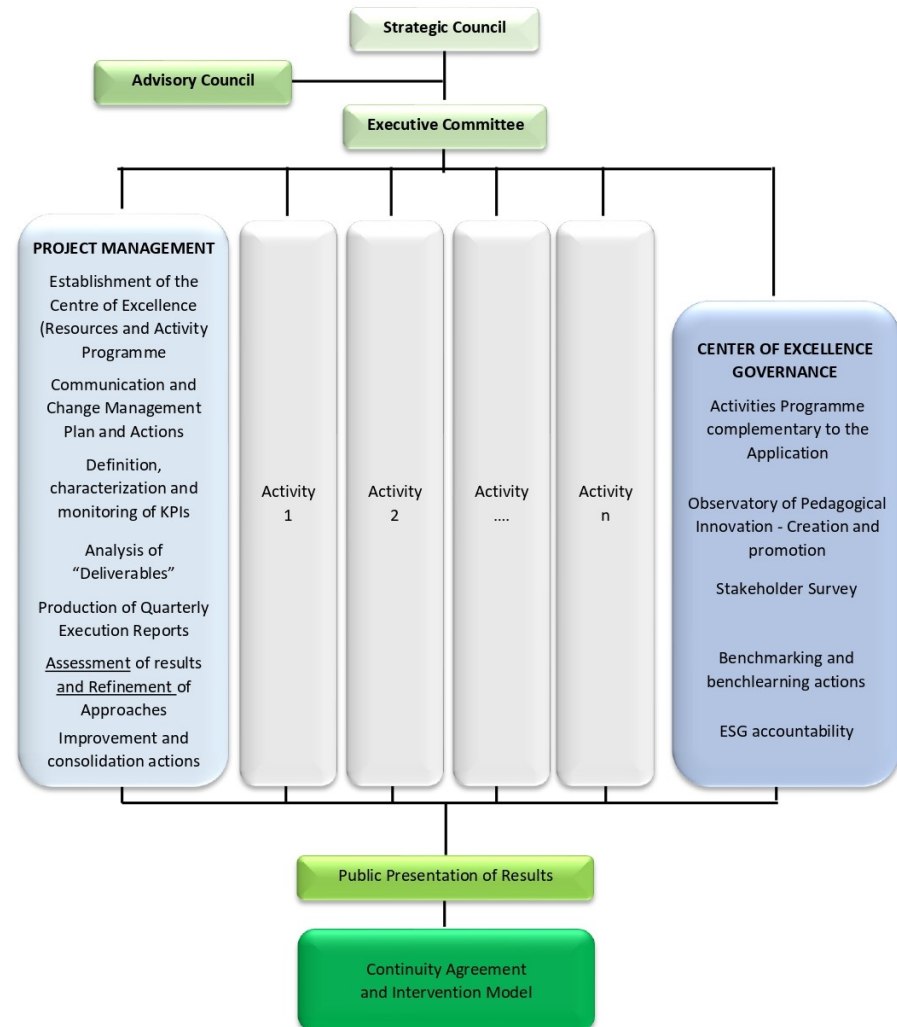
Resources for distance learning;

Digital content production (podcast, videocast, multimedia, virtual...)

[...]

- ✓ A training program made up of short, flexible modules that can be combined according to the needs of each teacher (number of credits of each module and program is still to be decided by the Consortium).
- ✓ Program certified by the Scientific Council of all the IES.

Project Management and Governance System / Center of Excellence



Monitoring the project: the Governance Model

=> Monitoring the project: the Governance Model

- Collegial management of the Centre of Excellence, balancing the local autonomy of each institution (with the existence of a focal point) with a centralized and strategic management (the Strategic Council);
- A senior technician devoted to the project financial management;
- The **Observatory of Pedagogical Innovation** will have an essential role in CE by monitoring the implementation of actions, evaluating their impact on the community (teachers and students) and proposing recommendations to the Strategic Council.

- At this stage of the application, no concrete KPIs have yet been defined. But it is expected that by 2026, 20 to 30 per cent of teachers will have completed an initial or advanced training course.
- KPIs (**K**ey **P**erformance Indicators, as well as, **K**ey **P**rocess Indicators) related to Means, Results and Impact will be monitored in the context of Project Management (PMI methodology), as foreseen in Application.

South and Atlantic Pedagogical Innovation & Excellence Network

Building an ecosystem that promotes pedagogical innovation

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Thank you for your attention

