



uninovis

DATA FOR L.I.F.E.
EUROPEAN UNIVERSITY

The UNINOVIS Research portfolio: tailoring Agora to your needs

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thws



UNIVERSIDAD
DE MÁLAGA

V:
Università
degli Studi
della Campania
Luigi Vanvitelli



THE HAGUE
UNIVERSITY OF
APPLIED SCIENCES



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the European Union

01

Introduction

DP Survey

Research Portfolio

What is UNINOVIS?

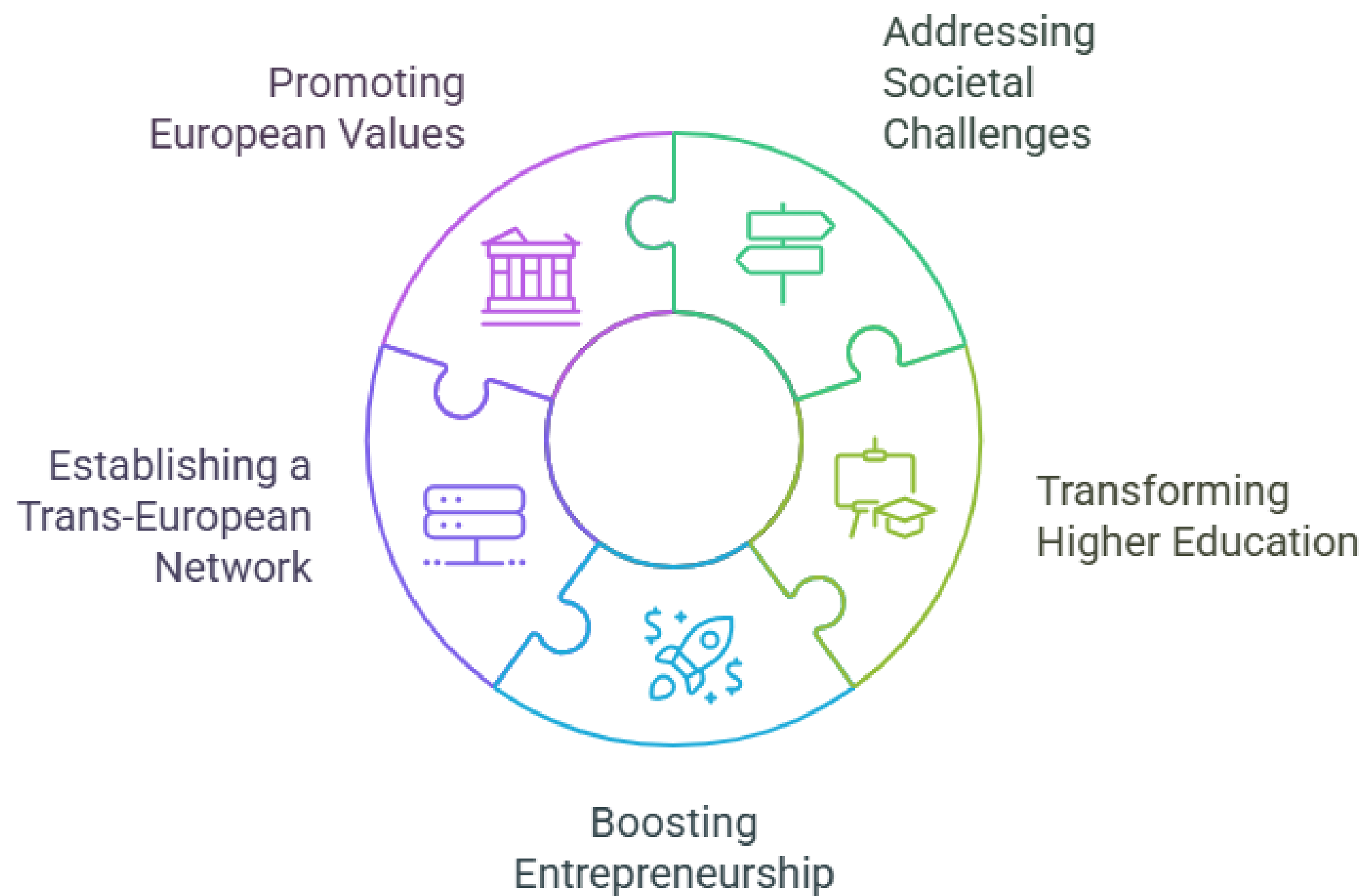


Our goal



uninovis

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UNINOVIS Digital Platform: the OS and software applications used to offer the different services

1	Internal Communication System	WP1/WP5
2	Course Catalogue/Metacampus	WP4/WP2
3	Micro credentials	WP2
4	Module Recognition Platform	WP 2.3.1
5	Learning support	WP 2.4
6	Web Personal Folder / Wallet	WP 4.2.4
7	Research Portfolio	WP 3.3
8	Student Mobility Program	WP3.2.1
9	Smart Mobility for staff	WP3.2.2
10	European Student Card	WP 4.4.4
11	European Student Identity	WP 4.4.4
12	Visual identity toolkit	WP5
13	Centralized public dissemination dashboard	WP5/WP4
14	KPI Dashboard	WP1-WP5
15	Identity (eduGAIN Access)	WP4

02

Introduction

DP Survey

Research Portfolio

Digital Platform Survey
and impact on UNINOVIS

A decorative graphic in the bottom right corner consisting of several overlapping circles in a light orange color. The circles are of varying sizes and are arranged in a cluster, with some partially cut off by the edge of the frame.

UNINOVIS Digital Platform: the OS and software applications used to offer the different services

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Digital Platforms in European University Alliances

Thank you for your interest in this survey on Digital Platforms (DP) in European University Alliances (EUA).

A DP of a EUA is the set of software applications that support administrative, teaching and research activities.

Note: The Alliance website is not part of the DP. However, data created within the platform (e.g. courses or researchers lists) should be easily integrated with or embedded into the website.

With this survey, we aim to identify the major challenges involved in the development of DPs and the most optimal approaches.

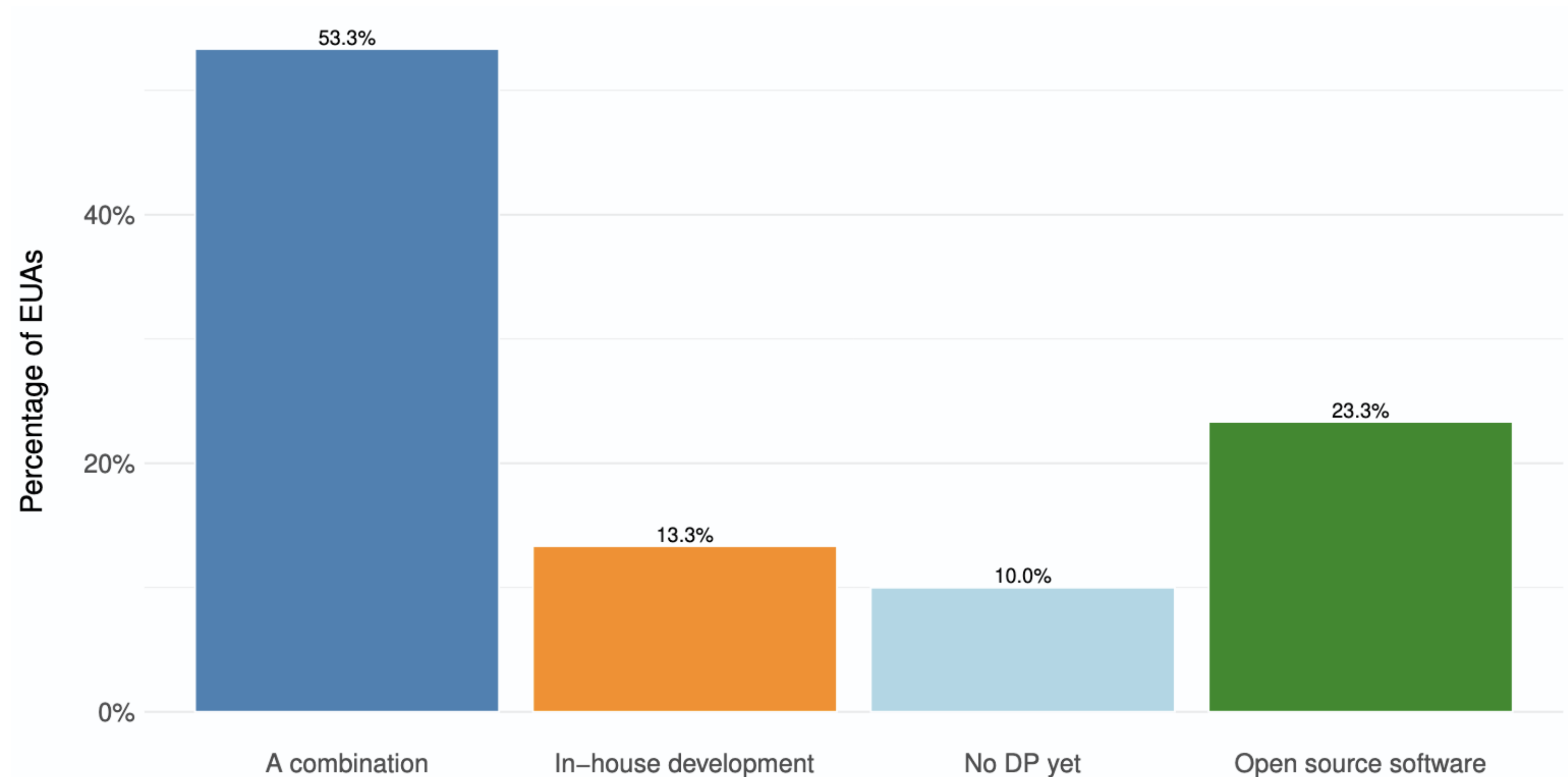
The results of the survey might be particularly valuable for novel EUAs. Responses from more experienced EUAs (1st and 2nd generations) are particularly welcome.

Participation is entirely voluntary. You may choose to discontinue at any time without consequences.

Results from the Digital Platform Survey

Generation	Number of alliances	Responses	Ratio of responses
1st call	16	11	68,8%
2nd call	23	11	47,8%
3rd call	4	2	50%
4th call	7	3	42,9%
5th call	15	3	20%
Total	65	30	46,2%

Results from the Digital Platform Survey



A combination of what?

Agora	Moodle					
Agora						
OpenEduCat	Google workspace	Moodle	Keycloak			
	Moodle	MS	eJournal			
Own source LMS	Moodle	MS				
One system per service	Wordpress	MS				
October CMS	Wikis	Custom virtual campus				
	Moodle	Own platforms for other goals	Custom virtual campus			
	EduXchange.eu					
ILIAS/TYPO3	NextCloud	OnlyOffice	TALK	OpenAlex	LimeSurvey	OpenBadges
Blackboard	Own software for enrollment	MS				

What is the best approach?

Platform	Design complexity	General Alignment with European Alliances goals	Customisation possibilities	Open-Source vs Licensed software
Drupal	Hard	Medium	Easy	Open Source
EduXS	Hard	Medium	Easy	Open Source
Agora	Easy	High	Medium	Open source
Outfox	Easy	High	Medium	Licensed

What is the best approach?

Platform	Design complexity	General Alignment with European Alliances goals	Customisation possibilities	Open-Source vs Licensed software
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Agora	Easy	High	Medium	Open source
Outfox	Easy	High	Medium	Licensed

Let's take it step by step

	Service	Agora	EduXS
1	Internal Communication System	Yes	NA
2	Course Catalogue/Metacampus	Course catalogue with Moodle	NA
3	Micro credentials	Connect to Moodle, no diploma	NA
4	Module Recognition Platform	To be developed	NA
5	Learning support	Yes	NA
6	Web Personal Folder / Wallet	To be developed	NA
7	Research Portfolio	Yes	NA
8	Student Mobility Program	To be developed	NA
9	Smart Mobility for staff	To be developed	NA
10	European Student Card	Yes	NA
11	European Student Identity	NA	NA
12	Visual identity toolkit	Yes	NA
13	Centralized public dissemination dashboard	Yes	NA
14	KPI Dashboard	Yes	NA
15	Identity (eduGAIN Access)	Yes	NA

03

Introduction DP Survey

Research Portfolio

What is the Research
Portfolio and how we
co-developed it



The Research Portfolio

- Goal: Create a Common Portfolio of Research Groups in the UNINOVIS website for research internships. The basis to promote Alliance capacities and expand the network
- Valuable elements: expertise (Excellence Hubs), research lines, methodologies (keywords), main researcher, contact person, website

How did we do it?

Request (GENERATED INFORMATION)	Name of Research Group	Research Hub topic	Main Researcher	Contact Person	Contact Person Email	Keywords	Research Lines	Website	Image
RS_LJMA_0014	Manufacturing Engineering	Smart and Sustainable Environments	Luisma Sevilla-Martada	Alejoen Trujillo-Viktor	trujillo@upma.es	Manufacturing, AI, manufacturing, energy	Analysis and optimization of machining processes, Analysis and optimization of additive manufacturing processes, Plastic deformation process analysis methods, Dimensional and industrial metrology	http://www.upma.es/departamento-de-investigacion-de-materiales-y-fabricacion/info/13084246-maria-sevilla-martada/	
RS_LJMA_0015	WCS (Network, Information & Computer Security)	Cybernetics and Cyber Security	Joan Llorens	Joan Llorens	joanllorens@upma.es	Artificial intelligence, cybersecurity, digital twins, blockchain, IoT, cryptography	Applied Cryptography, Cyber Defense, Cyber Intelligence, Digital Twins, Industrial Security, Machine Analysis, Privacy Technologies, Quantum Computing, Secure Edge-Cloud Continuum, Secure IoT, Trust & Reputation Management	http://www.upma.es/	
RS_LJMA_0016	Robotics & Mechatronics	AI and Robotics	Alfonso Garcia-Castro				Field robotics, Search & Rescue, Space Robotics, Sensor Systems, Mechanisms for Mobility and Smart Cities, Surgical Robotics, Autonomous Actuation	http://www.upma.es/robotica-y-mechatronica/Departamento-de-robotica-y-mechatronica/	
RS_LJMA_0017	Geoinformatics and Translation	ICT Technologies and Languages	Alfonso Garcia-Castro		alfonso@upma.es	Artificial intelligence	Machine translation using generative AI in professional settings, Voice-text integrated systems for interpreters, Application of Advanced NLP techniques to the field of translation and interpreting technologies, Intelligent Technology Management: Virtual typologies for the translation of legal texts	http://www.upma.es/it/	
RS_LJMA_0018	Language Technologies And Intercultural Communication (Technologies)	ICT Technologies and Languages	Antonio Moreno	Antonio Moreno	antonio@upma.es	ICT Technologies and Languages	Computer Linguistics, Natural Language Processing, Sentiment Analysis	http://www.upma.es/it/16124.php	
RS_LJMA_0019	Digital Image Processing in Radiology	Health & Wellbeing	Enrique Nieto	Enrique Nieto	enrique.nieto@upma.es	Health, image processing, AI	Digital image acquisition systems in radiology, Computer-aided diagnosis, MRI, 4D and telemedicine, Multimedia and tele-education, Quality control and management, Digital image processing	http://www.upma.es/it/16124.php	
RS_LJMA_0020	Smart Cities	Health & Wellbeing	Enrique Nieto	Enrique Nieto	enrique.nieto@upma.es	Health, smart cities, digital solutions	Digital solutions for smart cities and smart environments	http://www.upma.es/	
RS_LJMA_0021									
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RS_LJMA_0055									

Research Portfolio / Import a File

IMPORT TEST LOAD FILE CANCEL

Imported file

ResearchPortfolio.xlsx

Use first row as header

Help

Go to Import FAQ

File Column	Odoo Field	Comments
UniqueID (GENERATED AUTOMATICALLY) RG_UMA_0001	External ID	
N 1	To import, select a field...	
Unnamed: 2 UMA	To import, select a field...	
Partner UNIVERSIDAD DE MÁLAGA	Partner	
Individual researcher No	To import, select a field...	
Name of Research Group Artificial Intelligence and Social Research	Research Group	
Excellence Hub topic Health & Wellbeing	Excellence Hubs	
Main Researcher José Ignacio Peláez Sánchez	Main Researcher	
Contact Person José Ignacio Peláez Sánchez	Contact person	
Contact Person Email jipelaes@uma.es	Contact Person Email	

Research Portfolio

Search...

Filter by Excellence Hubs...


Filter by Partner...

Type...

UNIVERSITE PARIS 13 TECHNISCHE HOCHSCHULE WUERZBURG-SCHWEINFURT

UNIVERSITA DEGLI STUDI DELLA CAMPANIA LUIGI VANVITELLI TAMPEREEN AMMATTIKORKEAKOULU OY KAUNO KOLEGIJA

UNIVERSIDAD DE MÁLAGA UNIVERSITETI I TIRANËS THE HAGUE UNIVERSITY OF APPLIED SCIENCES




Machine Perception and Intelligent Robotics Group

RESEARCH LINES

Robotic technology to improve independence of the elderly

Navigation systems and systems for friendly interaction with elderly people

Sensors and algorithms for health monitoring




Management, Integration, and Analysis of Data and Knowledge (KHAOS)

RESEARCH LINES

(Big) data analytics (management, integration and analysis)

Clinical data management



Medical Robotics

RESEARCH LINES

Surgical robot design

Fault tolerant control architectures

Human-machine interfaces

Telesurgery

Management, Integration, and Analysis of Data and Knowledge (KHAOS)



RESEARCH LINES

(Big) data analytics (management, integration and analysis)
Clinical data management
Electronic medical records

SHARE ON



Details

EXCELLENCE HUBS

Health & Wellbeing

WEBSITE

[CLICK HERE](#)

MAIN RESEARCHER

José Francisco Aldana Montes

CONTACT PERSON

José Francisco Aldana Montes

CONTACT PERSON EMAIL

[CLICK HERE](#)

KEYWORDS

Artificial intelligence

Big data

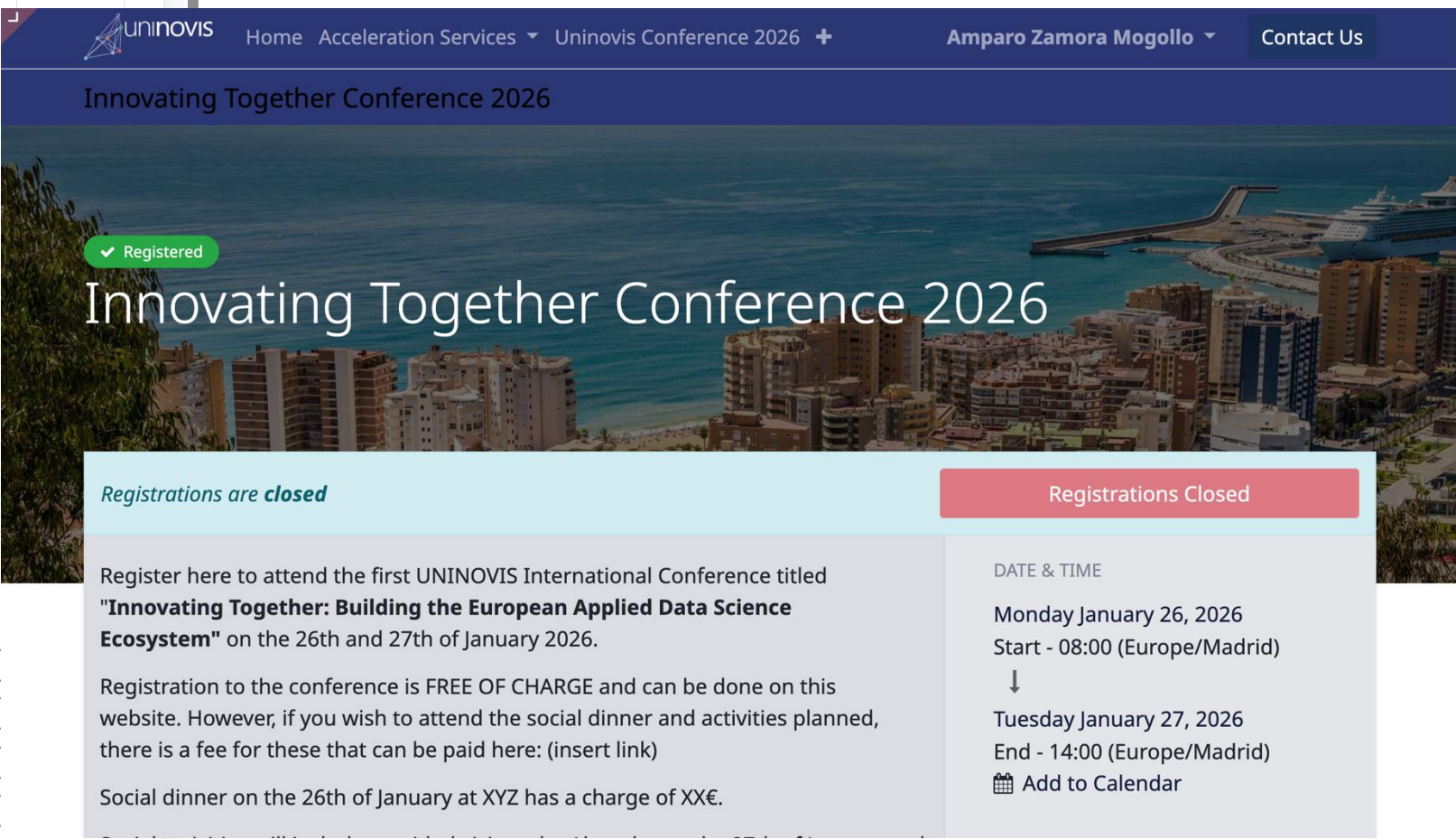
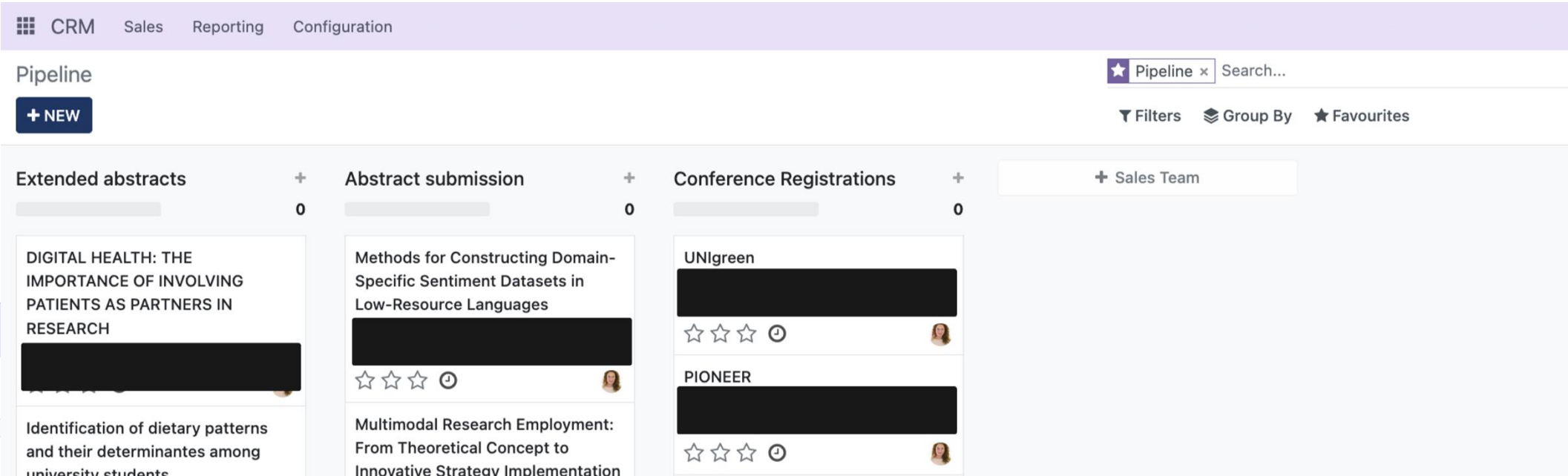
Health

Data management

PARTNER

UNIVERSIDAD DE MÁLAGA

The user experience



Research Portfolio Research Portfolio

Research Portfolio / Management, Integration, and Analysis of Data and Knowledge (KHAOS)

Research Group Management, Integration, and Analysis of Data and Knowledge (KHAOS)

Image

Partner

UNIVERSIDAD DE MÁLAGA

Main Researcher

José Francisco Aldana Montes

Contact Person

José Francisco Aldana Montes

Contact Person Email

jfaldana@uma.es

Website

https://ibima.eu/en/project/f-15/

Research Lines

(Big) data analytics (management, integration and analysis)
Clinical data management
Electronic medical records

Excellence Hubs

Health & Wellbeing

Keywords

Artificial intelligence

Big data

Health

Data management

In conclusion...

The collaboration with aUPaEU brought us...

- Easy to use infrastructure showing our portfolio
- Easy communication through the back-office
- An easy way to develop webs based on our needs

Next steps for UNINOVIS + Agora

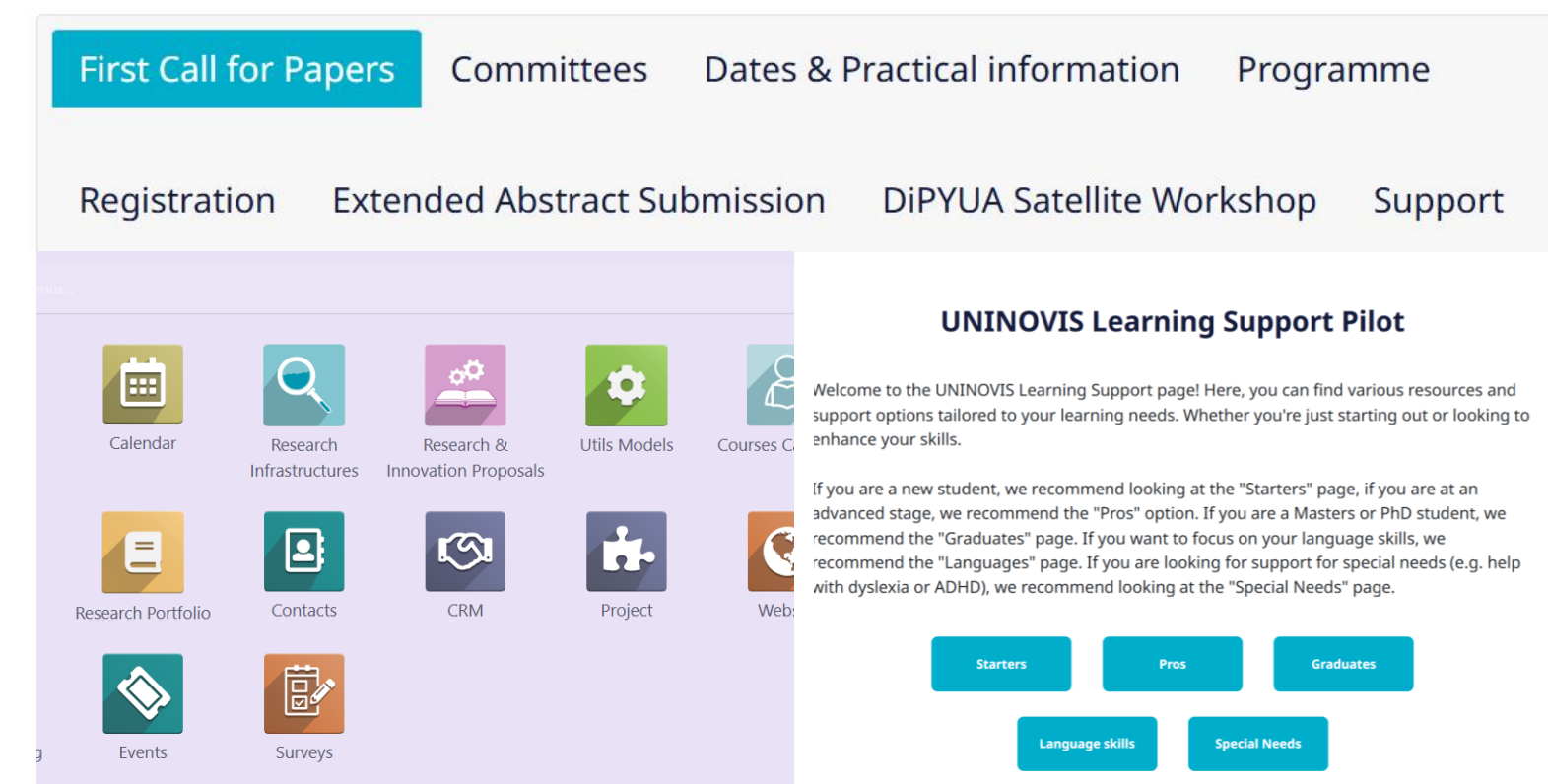
- Internship web
- Course catalogue

Things to improve

- High dependence on developers

How can it help other alliances?

- Easy co-creation of your DP





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Thank you!



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