Captic

Spatial Computing. Unlocked.

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Partners

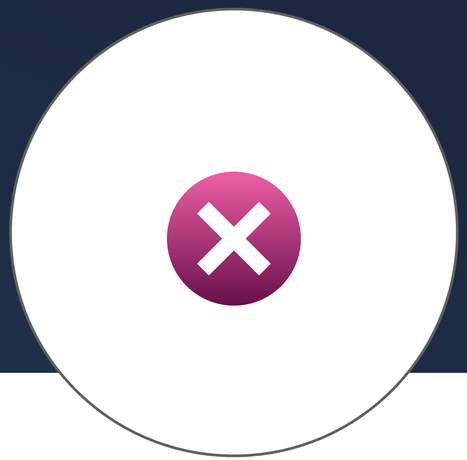
Investors

Supporters

Try demo

hello@captic.io

/ The problem/s — Spatial computing currently not fit for purpose

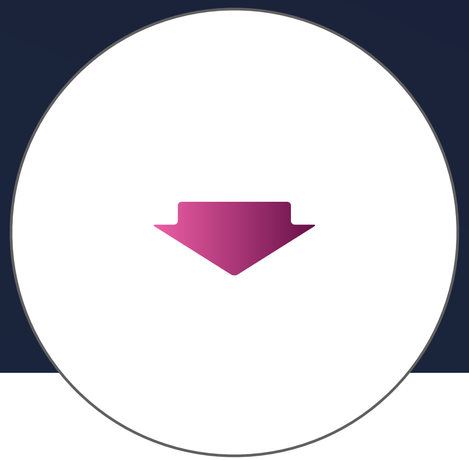


Low interoperability of **access**

End-users are forced to download plugins and, often, access content from a closed set of devices

Low interoperability of **assets**

End-users have difficulties teleporting avatars across worlds and/or moving digital objects



Distribution **issues**

Most content suffers from loading issues or has performance problems in relation with audio & video

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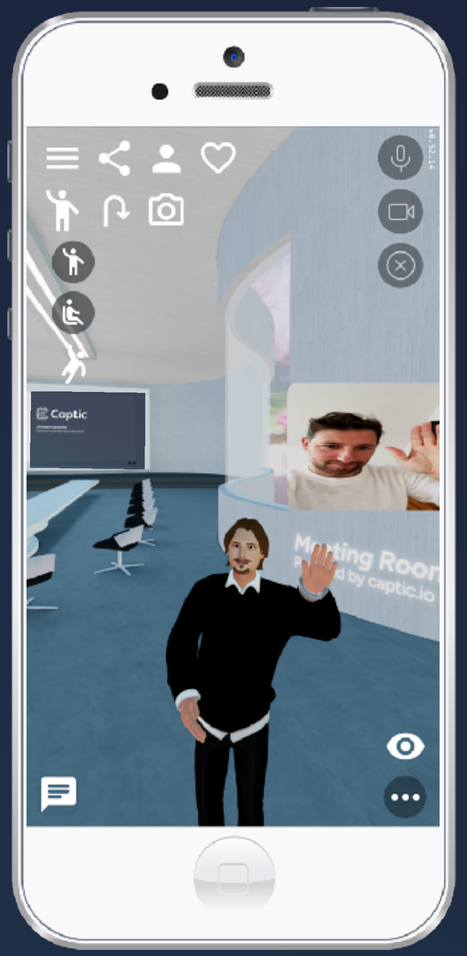
/ Captic’s proprietary solution

Turnkey solution
Captic’s tech beats renown game engines on web, letting end-users enjoy content with superb levels of speed and performance

Focus on scalability
Deliver unlimited events across thousands of virtual locations — the choice is yours



Frictionless access
Content is created, published and accessed via web links on ANY device. No download or installation required

Higher security
From password-protected rooms and admin tools to on-premise servers, we have got you covered

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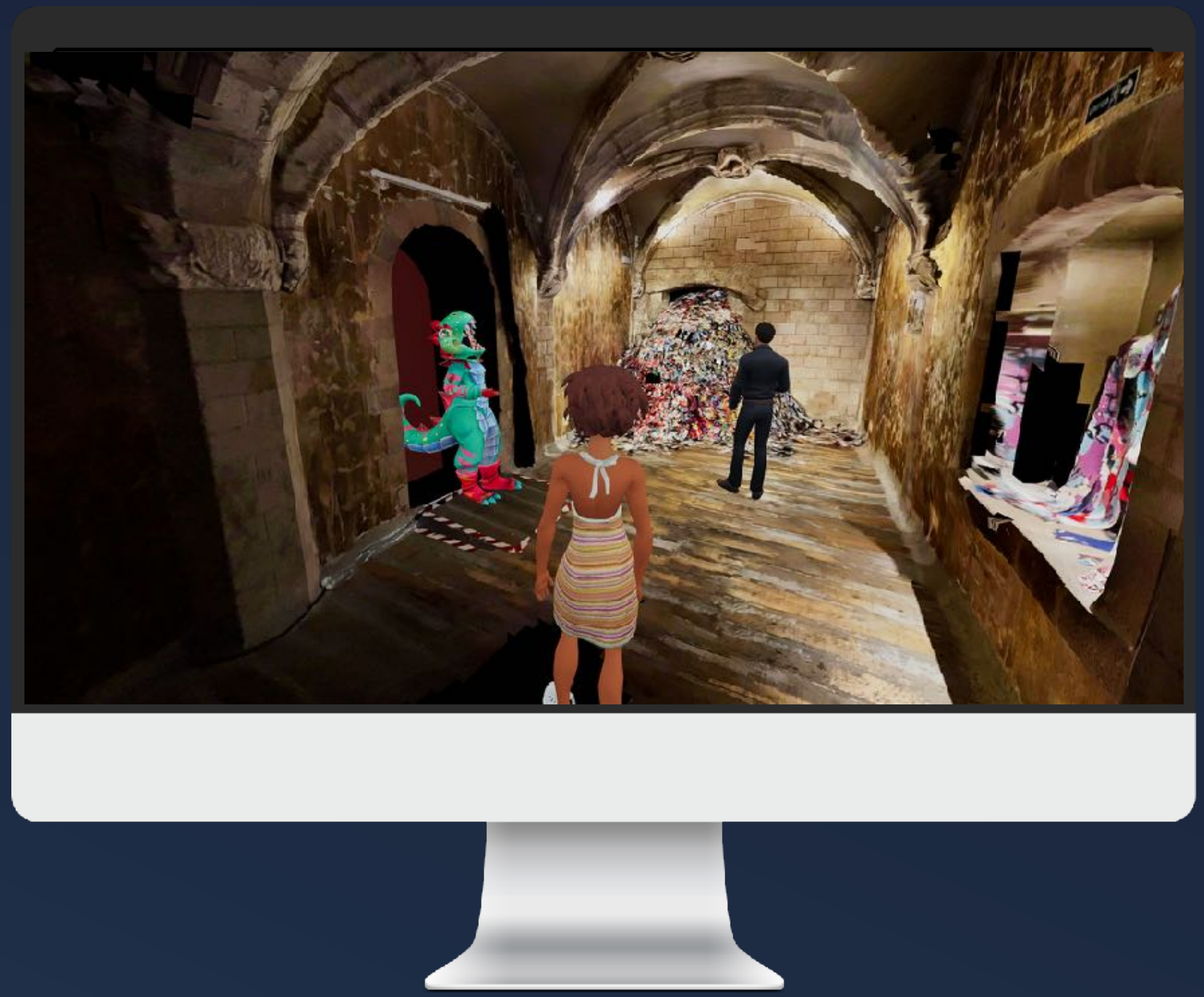
/ Product Features

- **Native inter-operability**, lets audiences teleport their avatar and move or use assets across different locations
- **World-class multi-streaming**, deliver experiences using your media of choice — spatial audio, webcams, sharescreening, in-world access to websites and/or live video
- **Revolutionary scripting** — our SDK and market-exclusive scripting lets you develop any type of gamified content or AI-powered experience



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/ Feature comparison

	Web-native engine and pipeline	Automatic asset optimisation	Scripting
Captic	✓	✓	✓
Spatial or Decentraland	⛔	⛔	⛔
Mozilla Hubs	✓	⛔	⛔
framevr	✓	⛔	⛔

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/ KPIs

99.9%

Time saving
Captic's engine optimises models on upload, automatising the publication of cross-platform multi-player content in minutes

Superb performance
5 x Faster GPU usage and 10 x less Draw Calls — means better results on web than renown game engines

5-10x

500

Min. amount of spaces served per licence
We work with some of the world's largest organisations. Contact us for a bespoke quote that adapts to your needs

Avg. uptime (Q1 2024 update)

99%

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Spatial computing.

Unlocked

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logo

Partners

Investors

Supporters

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centria

University of Applied Sciences

Kokkola
Ylivieska
Pietarsaari
CENTRAL
OSTROBOTHNIA

Degree programmes

Bachelor and Master of Business Administration

Bachelor and Master of Engineering

Bachelor of Health Care

Bachelor of Social Services

Master of Health Care and Social Services

Bachelor and Master of Humanities

Bachelor and Master of Culture and Arts

STRONG RESEARCH, DEVELOPMENT AND INNOVATION ACTIVITIES

OUR R&D ACTIVITIES ARE DIVERSE AND AMONG THE TOP UNIVERSITIES OF APPLIED SCIENCES IN FINLAND IN TERMS OF SCOPE.

#1

The most R&D funding from companies amongst Finnish universities of applied sciences

(in relation to the size of the university of applied sciences)

#2

The second most extensive R&D activities in Finland

(in relation to the size of the university of applied sciences)

Centria's R&D share is 4,7 % of the entire UAS field in Finland.

OUR R&D ACTIVITIES

Projects
Development Services
Training Services

All projects	International projects
127	27

OUR TEAMS

Chemistry and Bioeconomy
Digitalisation
Entrepreneurship and Business
Production Technology
Wellbeing and Health

Overall volume

10,8 M€

Project portfolio

18,8 M€

(Projects in the end of the year 2023)

External funding

8,35 M€

Growth over 20% compared to the previous year

FUNDERS

e.g. Business Finland, the Regional Councils of Ostrobothnia and Central Ostrobothnia, the Council of Oulu Region and The Centres for Economic Development, Transport and the Environment

OUR LABORATORIES ARE ACTIVELY USED BY COMPANIES

Battery laboratory
Biomaterial laboratory
Centria 5G Test Network
Centria Drone Lab
Chemplant
Energy technology laboratory
Chemical analysis laboratories
Maintenance laboratory
Plastics and composites laboratory
Robo3D Lab
Precipitation laboratory
SecuLab
Testing laboratories (EMC, conditions, vibration, materials and products)
Smart wood construction and coating laboratory

R&D personnel

133

R&D priorities

- Digitalisation
- Chemistry and Bioeconomy
- Production Technology
- Business and entrepreneurship
- Wellbeing
- Pre-Awards and Networks

Research groups and development environments for digitalization

- Future Networks
- Drones and autonomus devices
- AI and data analytics
- Smart Agro technology
- Game tecnologies and XR
- Cyber security
- Software and hardware solutions
- Development of sustainable Business
- Centria SecuLab
- Centria DroneLab
- Centria Game Lab

Previous experience

Multitude of agriculture projects (HORIZON, Interreg, regional)

Crowdsourced logistics in Northern periferies (regional and crossborder)

Renewable energy, net-positive building, energy storages, demand elasticity in power grids (national and international)

Public sector sustainability

Data economy in agriculture and emerging sectors

Project-based learning for young people in risk of social exclusion (formal and non-formal)

Our strengths

- Excellent connections with industries
- R&D, project activities
- Internationality and multiculturalism
- Versatily
- Guidance and caring
- Skilled personnel

The student and their future employability are the core of Centria’s work.

Contact me for

Practical learning modules for people in risk of social exclusion including motivation, wellbeing and networking

Multi-cultural teams and integration to work life

Work life transformation and remote work

Data and AI in municipality administration

Data economy and ecosystems

Virtual worlds, VR/AR, web3

Project management

Or other interesting topics! I will connect you with the right experts in Centria

centria
University of Applied Sciences

Let’s collaborate!

Leena Toivanen

RDI-coordinator

Leena.toivanen@centria.fi

+358 40 701 3221

www.centria.fi/en

AYBU BUSINESS SCHOOL MANAGEMENT INFORMATION SYSTEMS (MIS) DEPARTMENT

AVAILABLE PROGRAMS

MIS

Undergraduate program

>

Master's program

>

PhD program

E-Government and Public Transformation

Master's programs (1 active, 5 in Total)

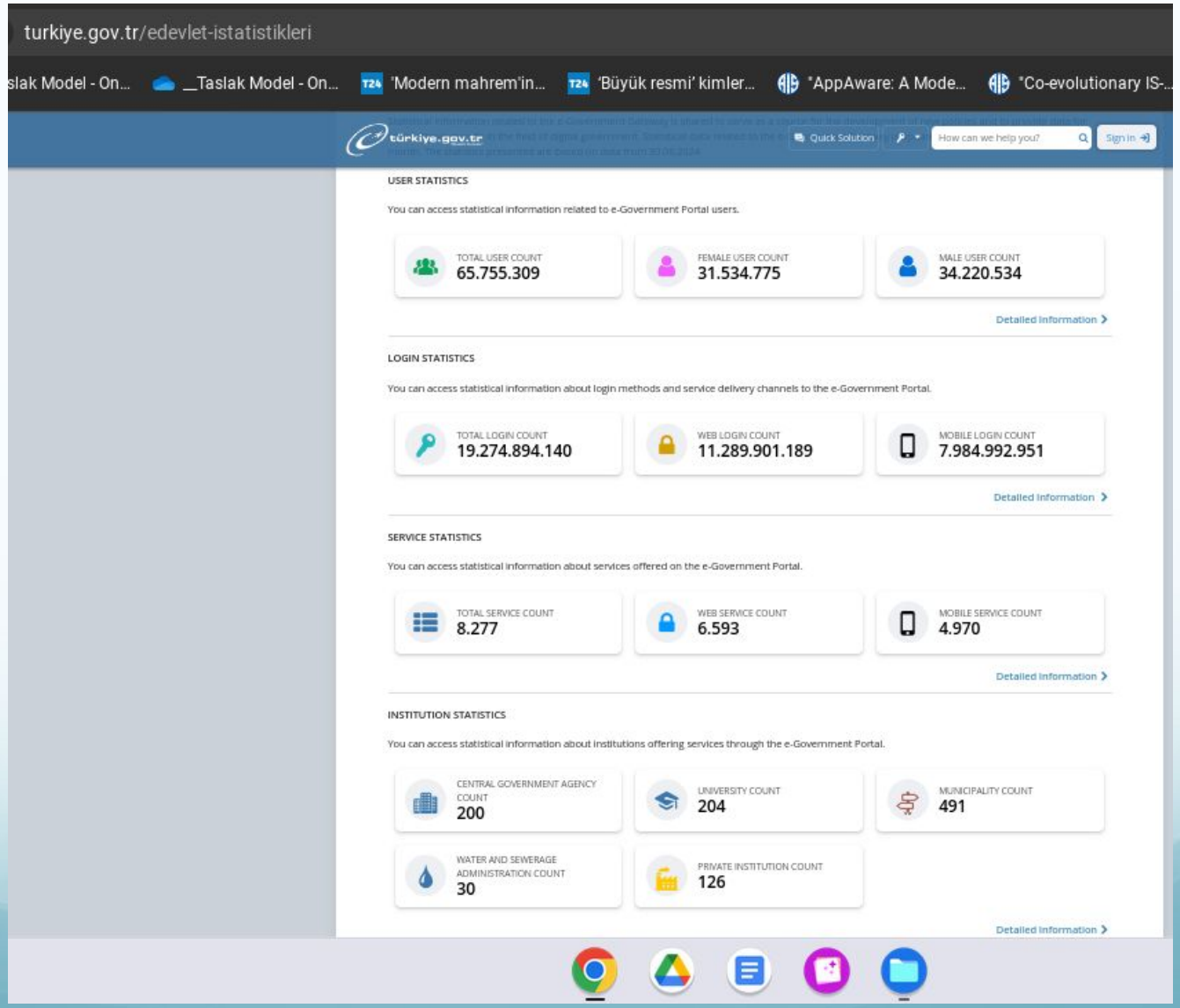
AYBU MIS DEPARTMENT UNDERGRADUATES

First Use of End User for Student Services ☺ (Certificate&Transcript Document Generation) in 2014

7

https://www.eurolics.org/wp-content/uploads/2015/04/MedeniYesilcimen_Industry-AcademiaCollaborationForE-GovernmentService.pdf

TURKSAT, E-GOVERNMENT GATEWAY



PROJECT INITIATIVES (with Biligoba SME, Türkiye, Brunel University, UK)

- Selected Past EU-funded Projects
  - Evaluation of Citizen Satisfaction from E-Government Services
  - Ubiquitous Policy-making Involvement of Citizens
  - Development of Green Data Centers

- Suggestions for Future Prospects
  - Digital Skills to develop and use cross-country and cross-realm services
  - Matchmaking platforms for demand and supply sides, based on life events that include higher education and career development

POSSIBLE PROPOSALS TO PARTICIPATE

- Specialised education programs on digital transformation and e-government for public officers and employees
- Business Academia establishment that support
  - vocational training for SME employees
  - summer schools with equal opportunity
  - new project ideas, start-ups or spin-offs
- Digital skills and job matching platform
- Learning and use of advanced digital skills such as cybersecurity, AI, blockchain, among others, for twin/triplet transformation in post-”Industry 4.0 and society 5.0 era”

Thank you,
Look forward to working with you!

tuncmedeni@gmail.com,
AYBU, TURKSAT, Türkiye

CHARM-EU

CHARM-EU and the digital call

DIGITAL Europe Programme webinar, 5th July 2024

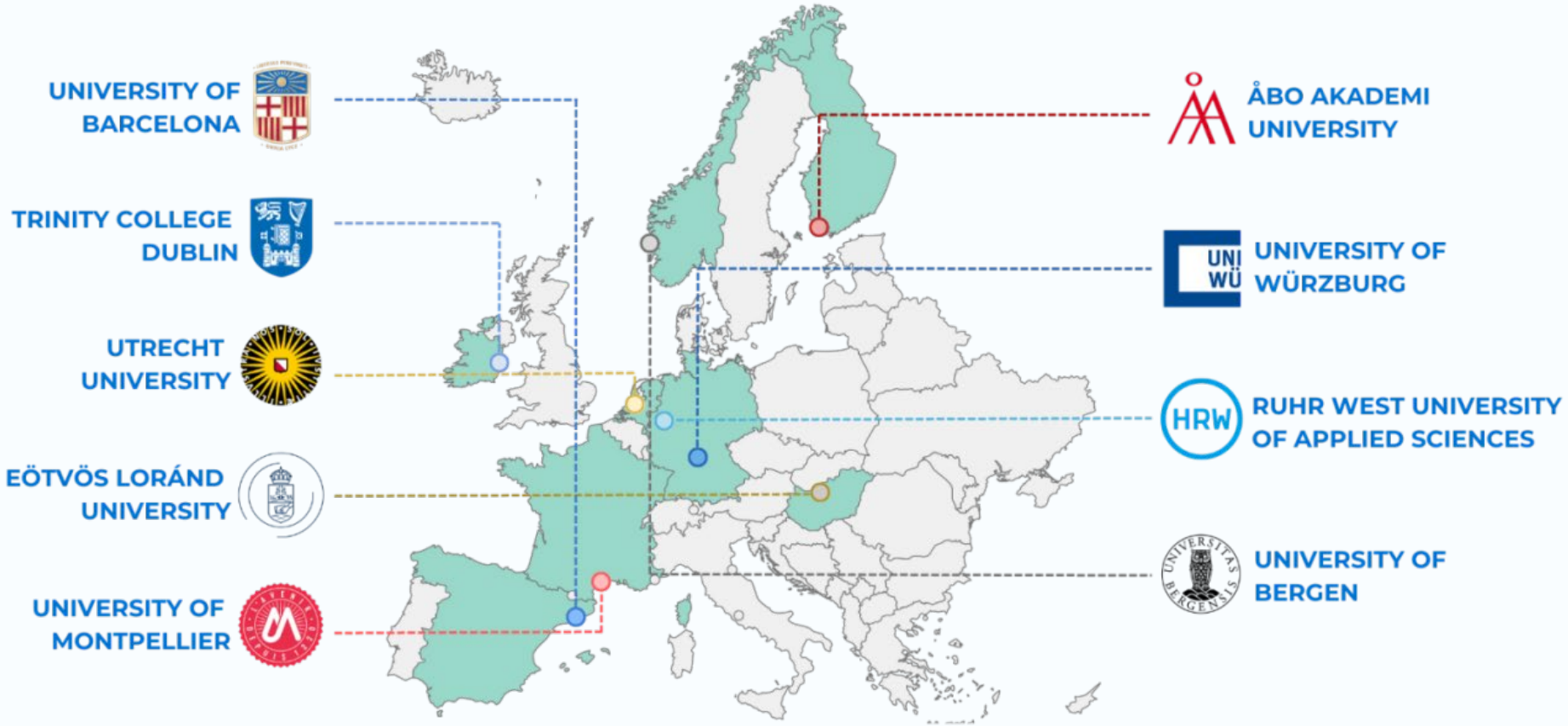
Meritxell Chaves, CHARM-EU Secretary General

Universitat de Barcelona · Trinity College Dublin, Coláiste na Tríonóide, Baile Átha Cliath, The University of Dublin · Utrecht University · Eötvös Loránd University | Budapest · Université de Montpellier · Åbo Akademi University · Julius-Maximilians-Universität Würzburg · HRW Hochschule Ruhr West University of Applied Sciences · Universitetet i Bergen

Co-funded by the European Union

The European Universities initiative

Challenge-driven, Accessible, Research-based, Mobile European University (CHARM-EU)



9 universities

51 associate partners

64 faculties

22K academics / researchers

42K staff

269K students

What CHARM-EU offers

- ✓ A consolidated long-term consortium of research-intensive Universities with strong local ecosystems
- ✓ Test-bed for innovation
- ✓ Experience on innovative inter-institutional transnational transdisciplinary joint Master programme that covers the criteria of the European Degree label.
- ✓ Solid educational principles and challenge-based learning in hybrid classrooms
- ✓ Mobility as a key element of the learning process
- ✓ Inclusivity mainstreamed in all the CHARM-EU activities
- ✓ Transferable resources (guidelines, tools, etc.) available in a public toolkit that allows to replicate the model.
- ✓ Robust but flexible governance and agile functioning .
- ✓ Branding

Opportunities for the students

Innovative joint Master's in Global Challenges for Sustainability and others coming (2026-2027)

Research opportunities

Joint Doctorate in Sustainability (2026)

Mobility opportunities (several types)

Microcredencials 2024-2025

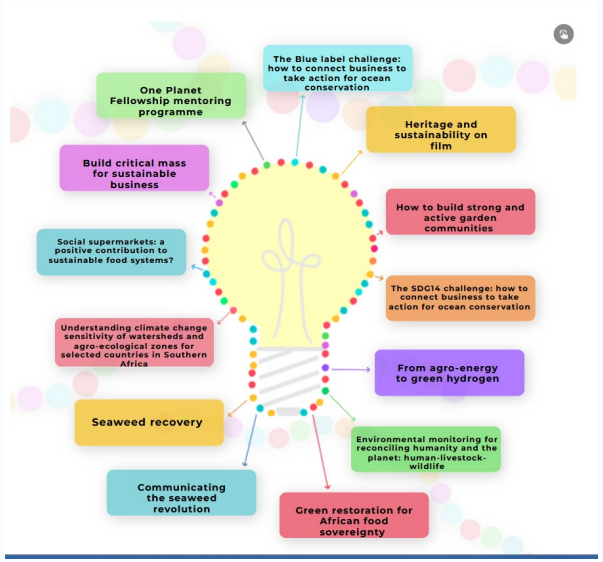
Networking

Transnational course catalogue

Participation in the working teams co-creating CHARM-EU

In the digital call: Delivering a Master Digital Solutions for Sustainability (120 ECTS) and self-standing modules (SSM) for non-IT profiles

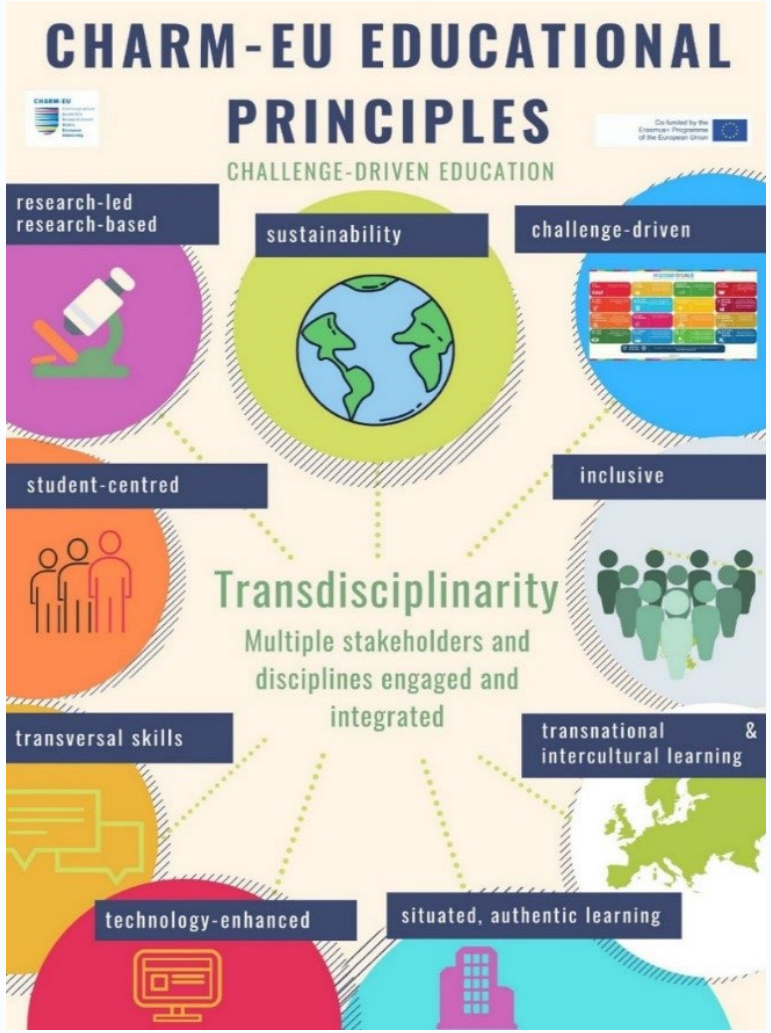
1. Experience in need analysis with stakeholders' participation and creating and delivering a transdisciplinary learning environment with academics and external stakeholders (knowledge creating teams) from nine different European universities, eight different countries, 11 languages.



In the digital call: Delivering a Master Digital Solutions for Sustainability (120 ECTS) and SSM for non-IT profiles

2. Experience and tested tools to design and deliver joint programmes:

- Educational principles
- Curriculum blueprint
- Teaching and learning strategies handbook
- Programme content guidelines
- Hybrid classroom guidelines
- ….



In the digital call: Delivering a Master Digital Solutions for Sustainability (120 ECTS) and SSM for non-IT profiles

3. Experience dealing with programme accreditation of joint programmes in nine different countries and aligned with the European Degree criteria

The results: it became real

CHARM-EU

Master's in Global Challenges for Sustainability

Joint degree delivered by the University of Barcelona, Utrecht University, Eötvös Loránd University Budapest (FI 80798), the University of Montpellier, and Trinity College Dublin, the University of Dublin, members of the CHARM European University. Level 7 programme according to the European Qualifications Framework by AQU Catalunya (registered in EQAR), on 17 December 2020 conforming to the European Approach for the Quality assurance of Joint Programmes. This accreditation has been accepted by the Netherlands Flanders Accreditation Organisation (registered in EQAR), the High Council for Evaluation of Research and Higher Education (Hcéres – France, registered in EQAR), Trinity College Dublin, the University of Dublin, and is valid by the force of law in Hungary. The CHARM-EU Board of Examiners certifies that the student acquired all Programme Learning Outcomes and passed the three phases of the degree.

Delivered to [redacted]

Born on 16.1.1998 in Amsterdam, the Netherlands Date of completion of studies 28th February 2023

Birth name [redacted]

Legal mentions

Spain/Catalonia: Máster Universitario en Retos Globales para la Sostenibilidad / Màster Universitari en Reptes Globals per a la Sostenibilitat.

Netherlands: The examinee has been awarded the degree of Master of Science (MSc).

Hungary: Jelen oklevél igazolja A fenntarthatóság globális kihívásai mesterképzés tanulmányi kötelezettségeinek teljesítését, mesterszintű végzettség és a globális fenntarthatósági szakértő szakképzettség megszerzését.

France: Arrêté du 1er avril 2021 relatif à l'attribution du grade de master aux titulaires du diplôme en partenariat international « Défis globaux pour le développement durable » de l'Université de Montpellier.

Issued in Trinity College Dublin on 28th February 2023 Reference number [redacted]

Chair of the Board of Examiners Jean-Patrick Respaut

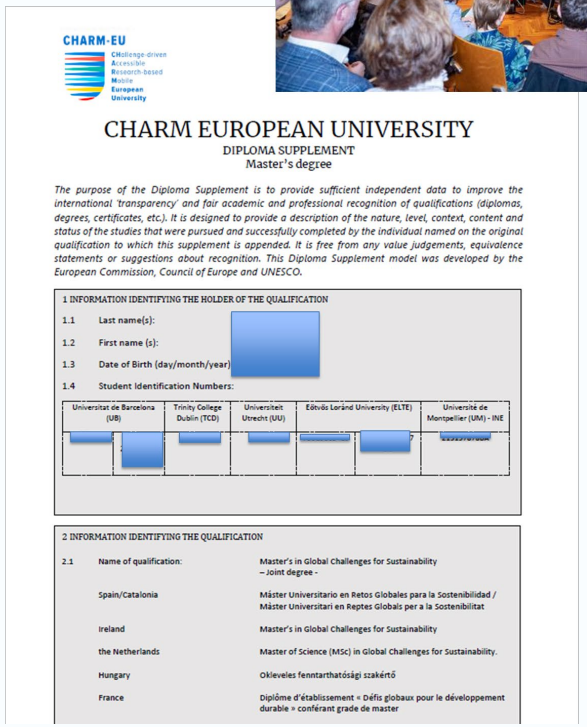
Rector Joan Guardia Olmos

Registrar Neville Cox

Vice-Rector of Research Frank Miedema

Rector László Borhy

President Philippe Augé



CHARM-EU

CHallenge-driven Accessible Research-based Mobile European University

CHARM EUROPEAN UNIVERSITY

DIPLOMA SUPPLEMENT

Master's degree

The purpose of the Diploma Supplement is to provide sufficient independent data to improve the international 'transparency' and fair academic and professional recognition of qualifications (diplomas, degrees, certificates, etc.). It is designed to provide a description of the nature, level, context, content and status of the studies that were pursued and successfully completed by the individual named on the original qualification to which this supplement is appended. It is free from any value judgements, equivalence statements or suggestions about recognition. This Diploma Supplement model was developed by the European Commission, Council of Europe and UNESCO.

1 INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION

1.1 Last name(s):

1.2 First name (s):

1.3 Date of Birth (day/month/year)

1.4 Student Identification Numbers:

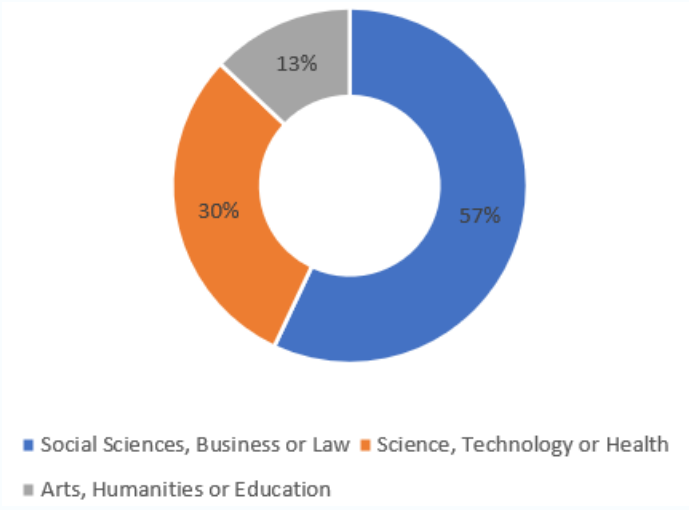
Universitat de Barcelona (UB)	Trinity College Dublin (TCD)	Universiteit Utrecht (UU)	Eötvös Loránd University (ELTE)	Université de Montpellier (UM) - INE

2 INFORMATION IDENTIFYING THE QUALIFICATION

2.1	Name of qualification:	Master's in Global Challenges for Sustainability – Joint degree -
	Spain/Catalonia	Máster Universitario en Retos Globales para la Sostenibilidad / Màster Universitari en Reptes Globals per a la Sostenibilitat
	Ireland	Master's in Global Challenges for Sustainability
	the Netherlands	Master of Science (MSc) in Global Challenges for Sustainability.
	Hungary	Okleveles fenntarthatósági szakértő
	France	Diplôme d'établissement « Défis globaux pour le développement durable » conférant grade de master

In the digital call: Delivering a Master Digital Solutions for Sustainability (120 ECTS) and SSM for non-IT profiles

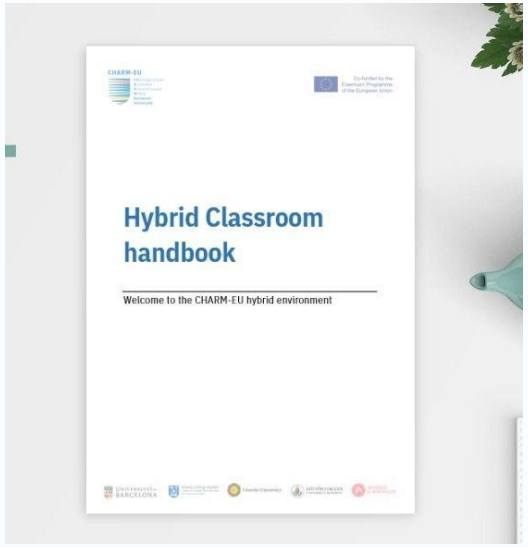
4. Experience recruiting and educating multicultural and multidicisplinary student cohorts



Three editions (+ the fourth enrolled), >240 students, >120 graduates

In the digital call: Delivering a Master Digital Solutions for Sustainability (120 ECTS) and SSM for non-IT profiles

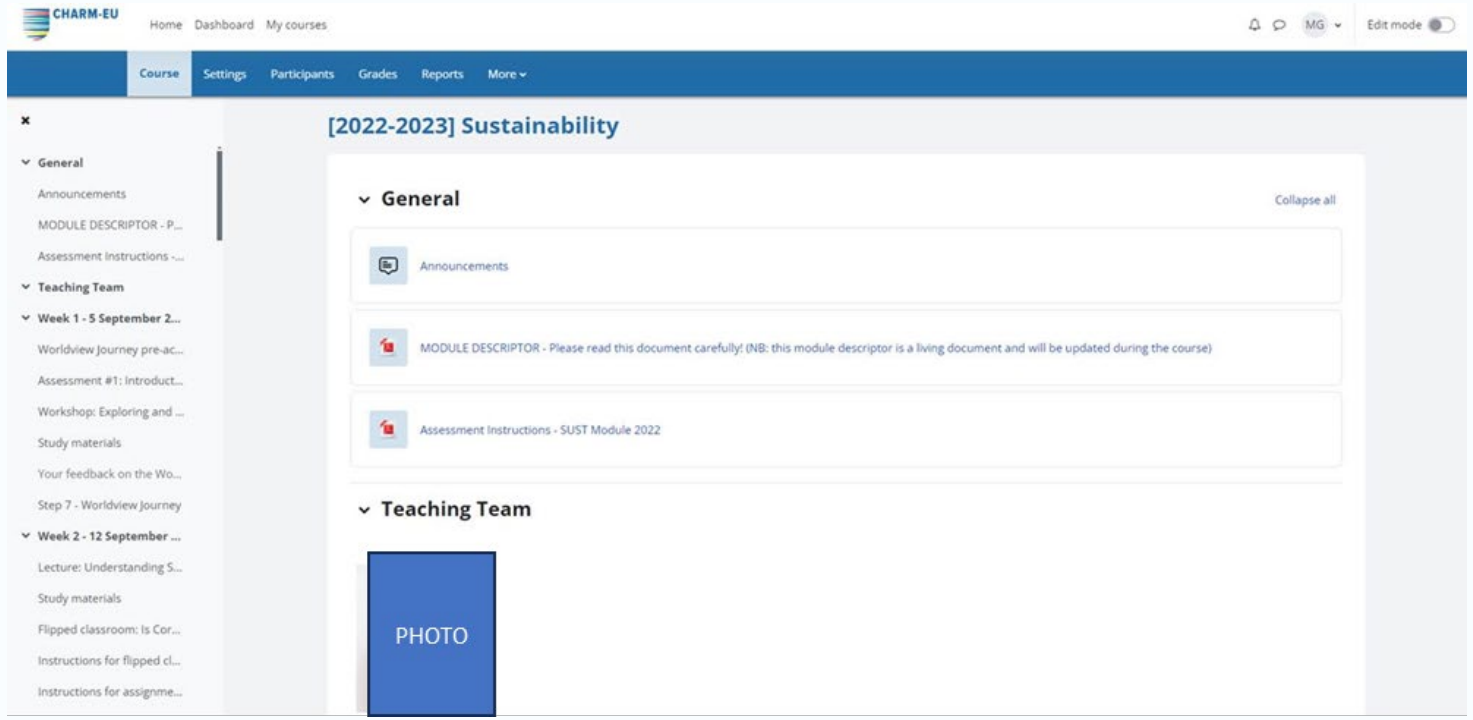
5. Hybrid classroom infrastructures in place and pedagogical model implemented.



In the digital call: Delivering a Master Digital Solutions for Sustainability (120 ECTS) and SSM for non-IT profiles

6. IT systems in place

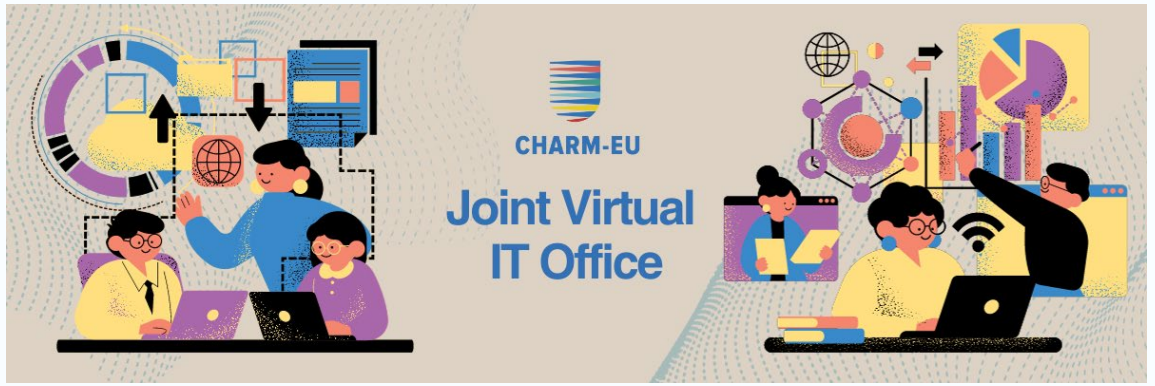
- Digital identity of students and staff
- Admission and enrolment platforms
- Virtual campus
- ePortfolio



In the digital call: Delivering a Master Digital Solutions for Sustainability (120 ECTS) and SSM for non-IT profiles

7. Support teams in place

- Joint virtual students service office
- Joint virtual Communication office
- Joint diversity, equity and inclusion office
- Joint mobility office
- Joint IT office



In the digital call: Delivering a Master Digital Solutions for Sustainability (120 ECTS) and SSM for non-IT profiles

Looking for partners with two roles:

- ✓ Contributing to the need analysis and in the programme and micro-credentials design.
- ✓ Contributing to the delivery with challenges for the students.
- ✓ Co-supervising student project(s) and master's thesis work(s)

European Digital Innovation Hubs

SME's, big companies, NGO's, public institutions

Research instituts

Moltes gràcies
Muchas gracias
Fòrça gràcies
Many thanks
Go raibh maith agat
Hartelijk dank
Merci beaucoup
Nagyon köszönöm
Vielen Dank
Tack så mycket
Kiitos paljon
Tusen takk

CHARM-EU

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www.charm-eu.eu

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Friday, 5th July, 2024

DIGITAL Europe Programme 7th Call on Advanced Digital Skills:

Info Day & pitching event –

BEEPH – BioPharma Engineering at the Edge for Personalised Healthcare

Martin Hayes, Professor of Digital Technologies,

University of Limerick, Ireland.

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HCI Human Capital Initiative

#StayCurious

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BEEPH is informed by Future Skills Needs in the BioPharma sector:

Key Global trends are

- The Growth of new therapies including Biologics
- The requirement for super personalised medicine
- The increased used of AI and Big data particularly at the edge/cloud interface in manufacturing settings.
- The requirement for sustainability in any new process environment.

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Industry 4.0 Degree Apprenticeships

Honours degrees with expanded workplace learning routes

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GENERATION APPRENTICESHIP

#StayCurious

L10

- **Principal Engineer/ Engineering Fellow** — DEng / Prof. Doc

L9

- **Immersive Biopharma** — MSc
- **Immersive Software Engineering** — MSc
- **Artificial Intelligence** — MSc
- **Digital Mechatronic Engineering** — MEng
- **Mechatronics** — MEng
- **Edge Computing / Intelligent Embedded Systems / AI for Computer Vision** — Electrical Eng. MEng
- **Master of CyberSecurity** — MEng
- **Master of Professional Practice / Master of Engineering Practice** — MPP / MSc
- **Supply Chain Manager / Lean Sigma Manager** — MSc

L9

- **Professional Diplomas in Data/AI/ ESE/ PM, Strategy/ Climate, Sustainability / Industry 4.0 / 5.0** — PD

L8

- **Immersive Biopharma** — BSc
- **Immersive Software Engineering** — BSc
- **Artificial Intelligence & Machine Learning** — BSc
- **Common Entry Engineering** — BEng
- **Electronic and Computer Engineering** — BEng
- **Cybersecurity Practitioner** — BSc
- **Supply Chain Specialist** — BSc

L7

- **Laboratory Analyst** — Dip
- **Industrial Electrical Engineer** — Dip
- **Cybersecurity Assistant (Portfolio)** — Dip
- **Supply Chain Associate** — Dip

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Friday, 5th July, 2024

iBio high level differences

- 4 years to MSc
- Taught in Blocks with active learning at the core
- 50% of time on Residencies
- Skills training embedded in education – hand in hand with theory
- Data analysis skills emphasized
  - Coding integrated – R, Python
  - Statistics
- Industry standard behaviour integrated
  - LEAN, 6S, Compendial methods/ European Pharmacopeia, chemical hygiene, data hygiene, LIMS-like systems
- Group and team working using problem based and experience based learning

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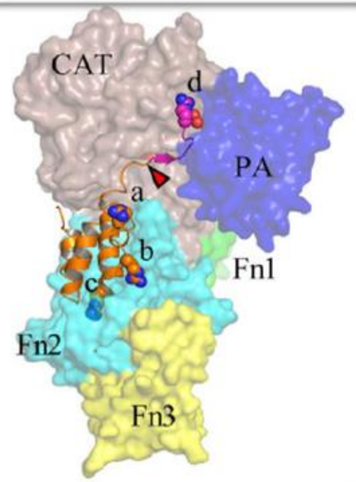
Friday, 5th July, 2024

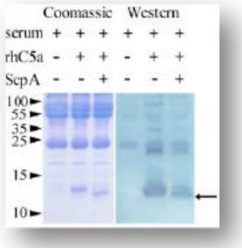
iBio Digital Integration

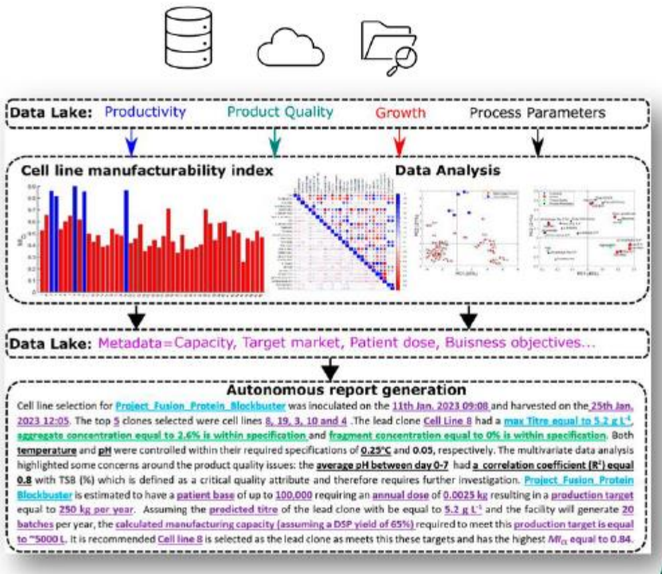
*"Building from theory, we mandate excellence in experimental and **digital practices** "*

Theoretical ⟷ Experimental ⟷ **Digital**

$$ScpA \cdot rhC5a_{core}(imm) \overset{K_D^{core}}{\rightleftharpoons} rhC5a_{core}(imm) + ScpA(sol) + rhC5a_{HT}(sol) \overset{K_D^{Sol}}{\rightleftharpoons} ScpA \cdot rhC5a_{HT}(sol)$$







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Friday, 5th July, 2024

iBio Innovation in Teaching

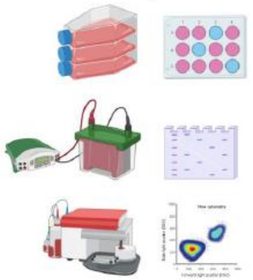
Block 2.2: Drug Discovery: "From Bench to Bedside"

Phoenix Pharmaceutical

"Mock Pharmaceutical Company"

"Multiple Myeloma Patient Diagnosis"

Phase-I/IIa trial of novel anti-cancer drug



10 week Lab-based Project
Preliminary data generation
"Can we target DLBCL with our drug"

"Grant Proposal"

DRAGONS' DEN

"Pitch proposal to investors"

ibio Lilly UNIVERSITY OF LIMERICK OLLSCOIL LUIMNIGH | Science and Engineering

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OLLSCOIL LUIMNIGH

Friday, 5th July, 2024

BEEPH will consider the design of new Edge Computing tracks or Minor options within existing iBio masters or alternatively the addition of Biopharma tracks in existing Edge computing masters programmes.

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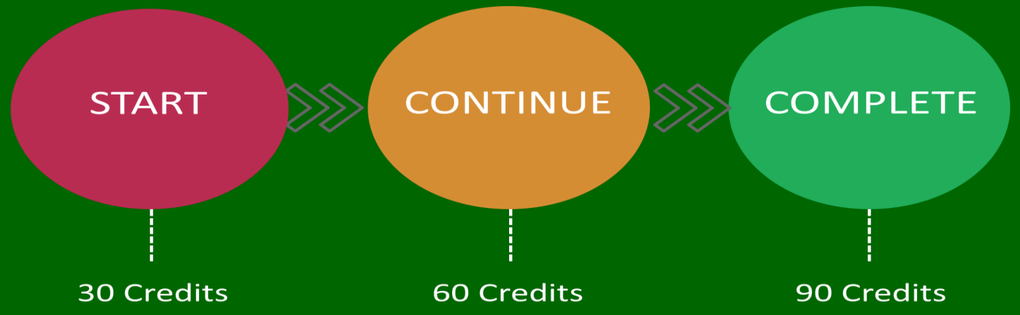
HCI Human Capital Initiative

#StayCurious

Transdisciplinary Stackable Masters – Build your own qualification



RPL

MICRO CREDS

Professional Diploma 1
(1 year, part-time 30 ECTs)

Module | Module
Module | Module

Professional Diploma 2
(1 year, part-time 30 ECTs)

Module | Module
Module | Module

Professional Diploma 3
(1 year, part-time 30 ECTs)

Module | Module
Module | Module
Reflective Learning Portfolio

Masters of Professional Practice

or

Work-Embedded Project
(1 year, part-time 30 ECTs)

Industry related project or Thesis

Masters of Engineering Practice

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UNIVERSITY OF LIMERICK
OLLSCOIL LUIMNIGH

Friday, 5th July, 2024

Míle Buíochas! - Thank you!

Please contact martin.j.hayes@ul.ie

for more information about how you might join the Consortium

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HCI Human Capital Initiative

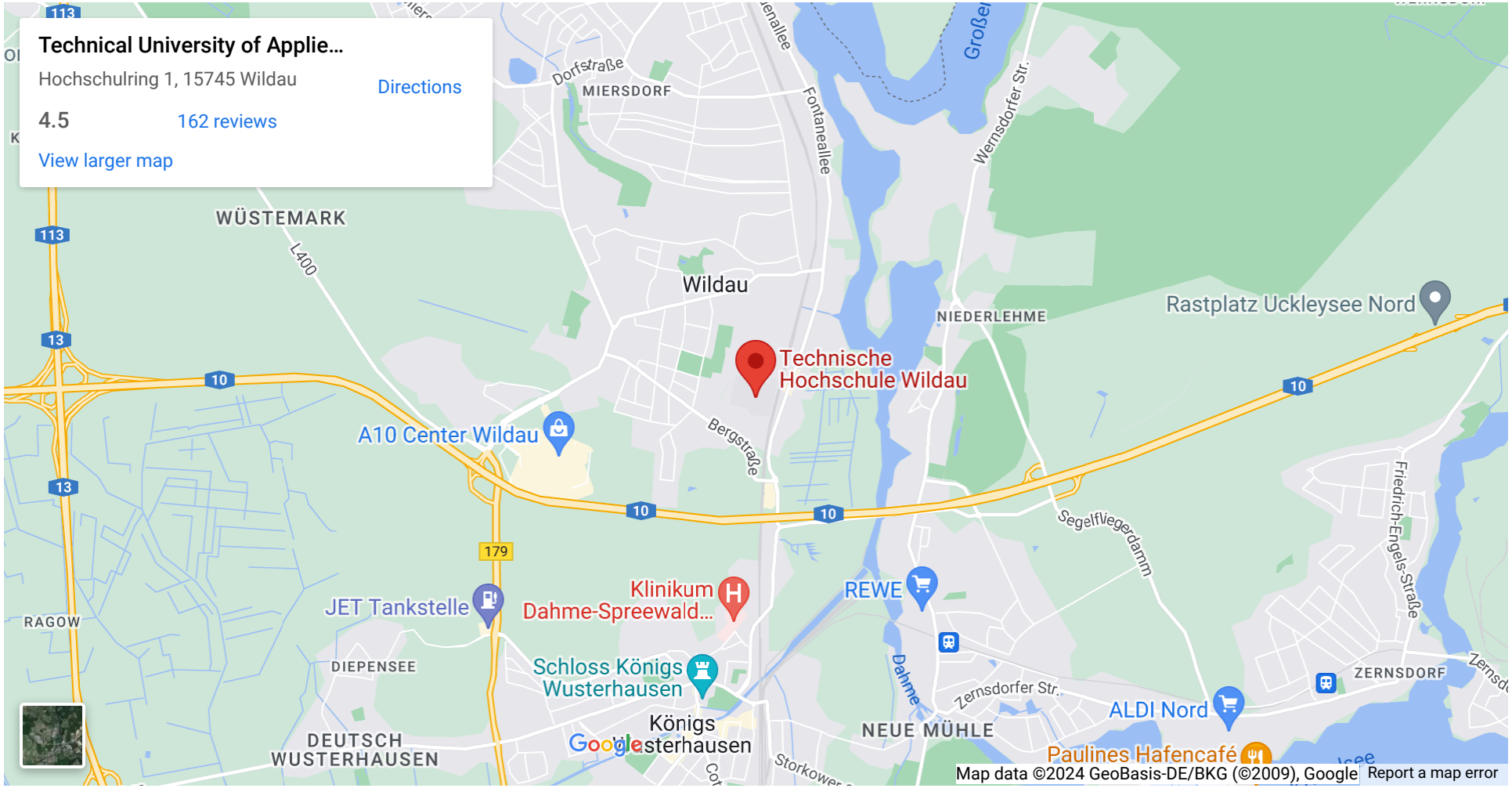
#StayCurious

Technische Hochschule Wildau

Technical University of Applied Sciences Wildau

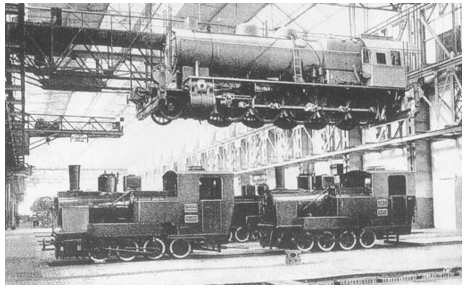
Prof. Dr. Xiang Liu

The Location of TH Wildau



History of TH Wildau

1897	The Berliner Maschinenbau AG, formerly Louis Schwartzkopff started to build one of Europe's biggest and most modern locomotive works here.
1949	Foundation of the Wildau Technical College for Locomotive and Rolling Stock Construction, marking the beginning of systematic engineer training on the site.
1991	The Wildau Technical College is founded. Learning activities begin with 17 students on the mechanical engineering degree programme.
2009	Renamed to the "Technical University of Applied Sciences Wildau".



About TH Wildau

- the largest university of applied sciences in Brandenburg, Germany
- 3269 students (as of 31.10.2022)
- 21 Bachelor's programmes, 15 Master's programmes
- 2 faculties, 90+ professors
  - Engineering and Nature Science
  - Business, Information and Law
- one of the strongest applied research universities in Germany since 2001
  - 11 million euros third-party funding (2020)
  - 157+ research projects (25.11.2021)

Degree Programmes

	Bachelor	Master
Engineering and Natural Science	• Automation Technology • Aviation Engineering/ Aviation Management • Biosystems Technology/ Bioinformatics • Industrial Engineering • Logistics • Mechanical Engineering • Physical Technologies and Energy Systems • Telematics • Transportation System Engineering	• Automation Energy Systems • Aviation Engineering/ Aviation Management • Biosystems Technology/ Bioinformatics • Cycling • Logistics and Supply Chain Management • Mechanical Engineering • Photonics • Technical Management • Telematics
Business, Computing and Law	• Business Computing • Business Administration • European Business Management • Business and Law • Public Administration in Brandenburg • Public Administration Informatics in Brandenburg	• Business and Law • Business Computing • Business Management • European Management • Business Administration • Library Computer Sciences

Telematics at TH Wildau

Janett Mohnke
Robotics

Birgit Wilkes
Building Automation

Alexander Kleinsorge
Image Processing and Virtual Reality

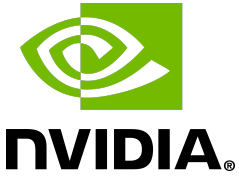
Xiang Liu
Mobile Communication

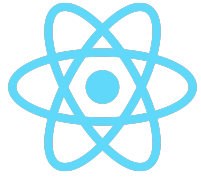
Prof. Dr. Xiang Liu

1994 - 1999	Tsinghua University, China	BEng in Electronic Engineering BSc in Economics
1999 - 2002	Tsinghua University, China	MEng in Electronic Engineering
2003 - 2007	University of Southampton, UK	PhD in Electronics and Electrical Engineering
2007 - 2008	ArrayComm, UK	Software Engineer
2009 - 2010	MIMOon, Germany	Senior Software Engineer
2010 - 2014	BlackBerry, Germany	Modem Specialist
2014 - 2016	TomTom, Germany	Senior Software Engineer
2016 - 2022	HERE Technologies, Germany	Principal Engineer / Data Science Lead
since 09.2022	TH Wildau, Germany	Professor in Telematics

Teaching

Bachelor	Master
• Telematics Systems • Mobile Communication • Internet Programming • Cloud Computing • Hardware Programming	• Project Management • Geographical Information Systems • Distributed Systems





Research Interests

- wireless communications and digital signal processing
  - SDR (Software Defined Radio)
  - private/campus 5G network
- embedded system development / Internet of Things
- geospatial big data analysis
- cloud computing

Contact

Prof. Dr. Xiang Liu

TH Wildau, Hochschulring 1, 15745 Wildau

xiang.liu@th-wildau.de

https://www.th-wildau.de/personen/xiang-liu/

https://www.linkedin.com/in/liuxiang/

https://www.xing.com/profile/Xiang_Liu25

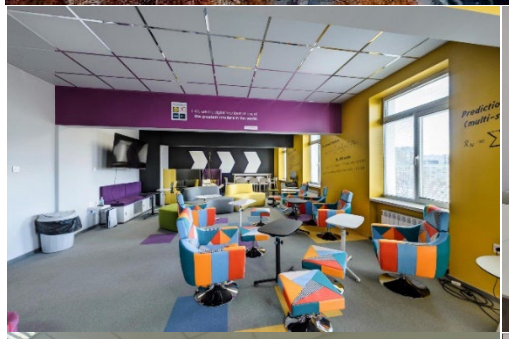
Sofia University “St. Kliment Ohridski”

Faculty of Economics and Business Administration

Sofia Uni & FEBA in Numbers

Sofia University "St. Kliment Ohridski"

- The oldest higher education institution in Bulgaria (**1888**).
- Based in the capital city of Bulgaria – **Sofia**
- The only **QS-ranked** and **THE-ranked** university in Bulgaria
- **16** faculties, 3 institutes, multiple centers and departments
- 20,000+ students, **7%** international
- #1 in research, #1 in Erasmus mobilities, #1 in attracted funds, etc.
- **Black Sea Regional Outreach** through the new Burgas Campus



Faculty of Economics and Business Administration (FEBA)

- Teaching in 4 languages (Bulgairan, English, German, and French)
- #1 in national rankings for Economics and Business
- The only **AMBA-accredited** and the only **AACSB member**
- **1600+** students (800 MA/MBA + 800 BA/Econ, **50+ PhD** students
- **100+ full-time research and teaching** staff, 100+ part-time
- **200+** business and institutional partnership MoUs
- **11%** international students
- international mobilities at Sofia Uni - **#1**

Departments and Majors at FEBA

Departments:

- The Department of Economics
  (the first department of Economics in Bulgaria, est. in 1902)
- The Department of Business Administration
- The Department of Finance and Accounting
- The Department of Industrial Economics & Management
- The Department of Statistics and Econometrics

BA Programs (studies in 4 languages):

- Economics and Finance (English and French streams)
- Business Administration (English, German, French streams)
- Accounting, Finance, and Digital Applications (fully in English)
- *NEW:* AI for Business and Finance (fully in English)

MBA Programs:

- 3 AMBA-accredited programs in English – 1) Strategic Management, 2) Human Resources Development, 3) Management Information Systems

MBM and MA Programs in English

- Intellectual Property and Technology Transfer (EPO, USPTO, etc.)
- International Financial Management (double degree, Uni Bordeaux (FR)
- Nuclear Technologies, Management, and Innovation (IAEA accreditation)
- Applied Econometrics and Economic Modeling (with Experian)

Leading MBM and MA Programs in Bulgarian:

- Responsible and Sustainable Governance
- Accounting and Audit
- Energy Markets and Services
- Etc.

SOFIA UNIVERSITY
ST. KLIMENT OHRIDSKI
EST. 1888

8 Doctoral Programmes

- Economics and Economic policy
- Business Administration
- Finance, Financial Analysis and Financial Management
- Accounting, Audit and Business Analysis
- Economics and Management /Industry/
- Applied Econometrics and Economic Modelling
- Application of Computing Technology in the Economy
- Data science

Project Idea and Focus on ESG

Master's Program, "Economics&Management of Public Resources", Faculty of Economics and Business Administration,Sofia University " St.Kliment Ohridsky", Bulgaria (https://youtu.be/WTYZb7VMW6o).

The educational program will be enriched if existing courses to be designed in order to improve digital competence in the public sector.

It will foster a stimulating environment using AI-based algorithms for public infrastructure planning and execution.

Included simulations will have practical applications in policy evaluation, cost-benefit analysis of investment projects, lifecycle management of public procurement, ESG, sustainable management of public enterprises, etc.

Knowledge & Resource Centre at FEBA, Sofia University (on-line platform) shall be set up with different modules, including with video content, tests, legal framework information, etc.

Investing in the education and training of public sector employees through modern tools, online resources, and case-based training is an important step toward strengthening governance and reducing fraud and corruption.

These initiatives enhance the skills and knowledge of employees while promoting a culture of integrity and accountability.

Assoc.Prof.Savina Mihaylova-Goleminova Ph.D.
Faculty of Economics and Business Administration
Director, Master's Program
"Economics&Management of Public Resources"
Sofia University " St.Kliment Ohridsky", Bulgaria
e-mail: s.mihaylova@feb.uni-sofia.bg
mob.phone: +359 888 859229

Leading Digital Transformation

Prof Markus Helfert

Director Innovation Value Institute, Maynooth University

Markus.Helfert@mu.ie

INNOVATION VALUE INSTITUTE | Maynooth University National University of Ireland Maynooth | Lero THE IRISH SOFTWARE RESEARCH CENTRE | ADAPT Engaging Content

The Innovation Value Institute @ Maynooth University, Ireland

- **Maynooth University: An internationally recognised institution located 25 kilometers outside of Dublin, Ireland.**
- In the top 90 global Times Higher Education Young University Rankings 2024
- Formally established as a university in 1997, but with over 200 years of education and scholarship
- Over 15,000 students from more than 100 countries,
- Offers a range of programmes at undergraduate, Master's and PhD level in the humanities, science and engineering, and social sciences.
- The University also offers a range of international programmes and partnerships

The Innovation Value Institute is a multidisciplinary research institute focused on digital transformation, data governance and service innovation based at Maynooth University.

Founded in 2006

INNOVATION™ VALUE INSTITUTE

Maynooth University
National University of Ireland Maynooth

Shaping the Digital Future – The Innovation Value Institute

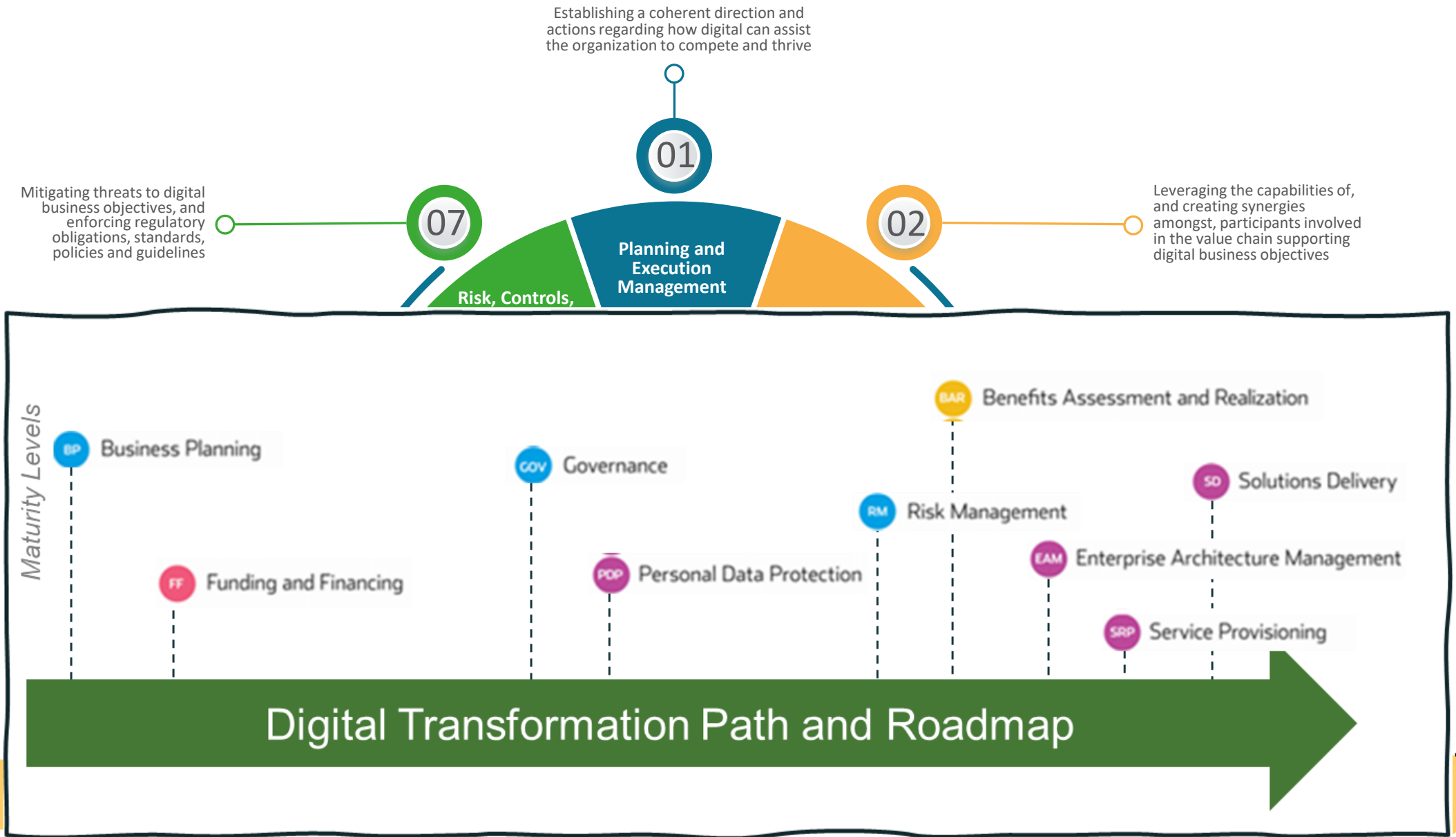
Driven by the ongoing digital transformation across all sectors, many organisations are challenged with strategic re-positioning of value chains and business ecosystems.

- Support businesses and organisations in their digital transformation
- Disseminate and share the latest advances in Digital Technologies and Digital Transformation Practices
- Building on 15+ years of expertise and the Capability Maturity Framework

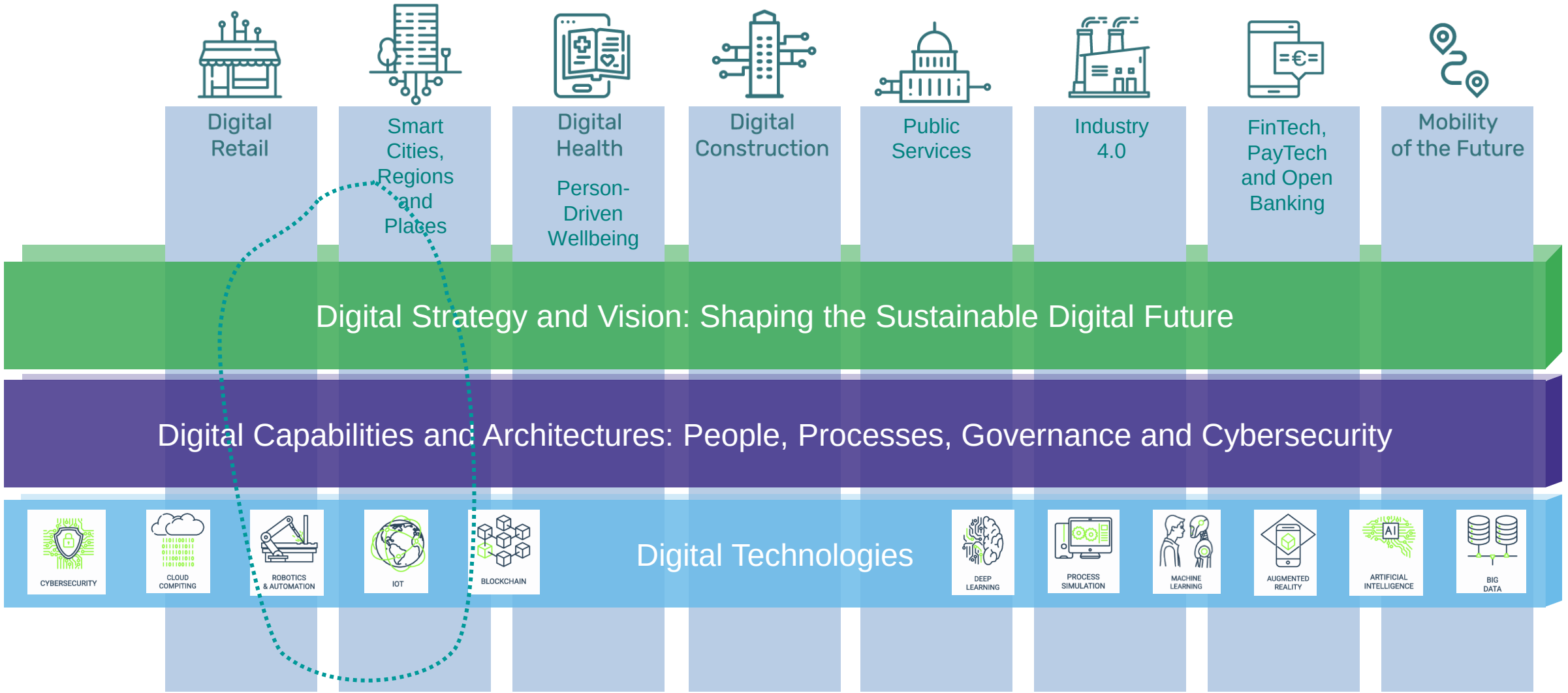
IT-CMF
IT CAPABILITY MATURITY FRAMEWORK™

Provide ***strategic guidance to Enterprises to support the Digital Transformation and establishing sustainable Business Ecosystems*** *through an* ***Open Innovation*** *approach to develop* ***Capability based Digital Transformation Paths***

Digital Enterprise Capabilities and Transformation Paths



Vertical and Horizontal Research Clusters



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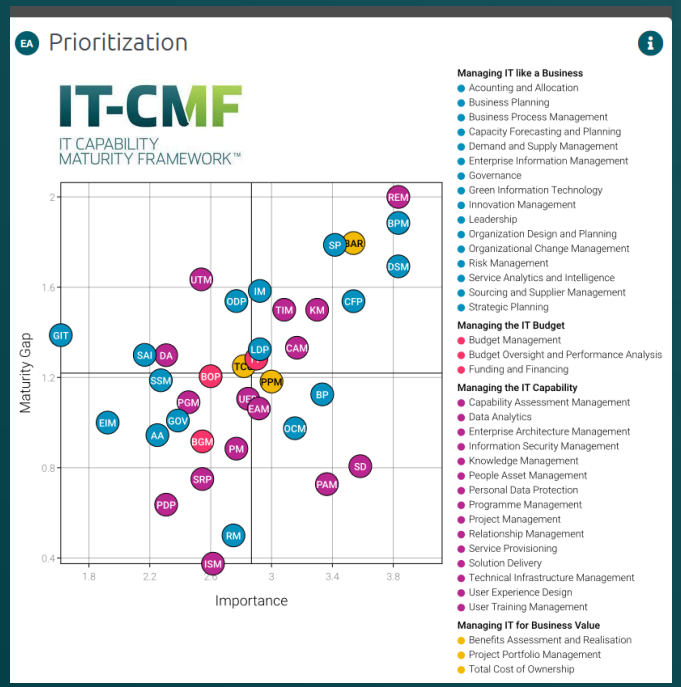
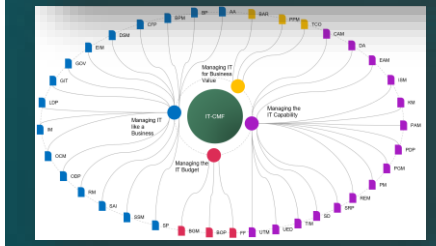
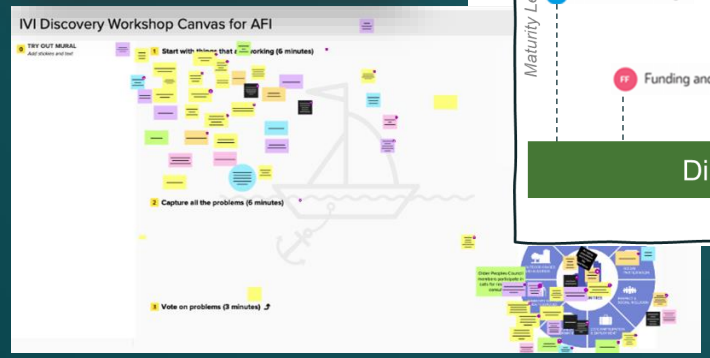
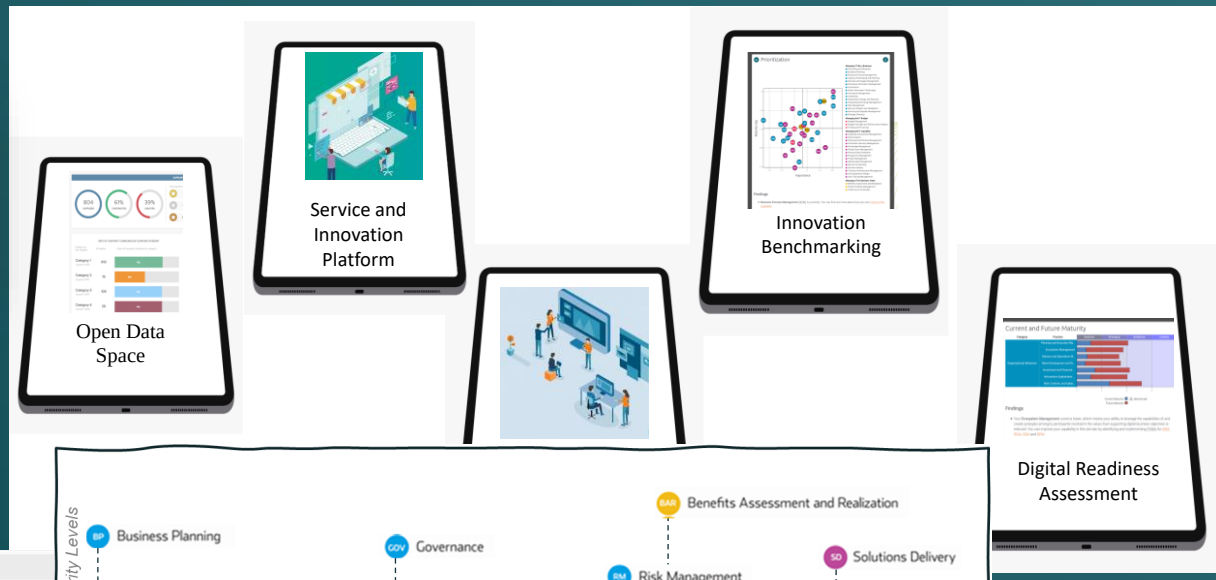
IVI's Online Portal - Open Innovation Space

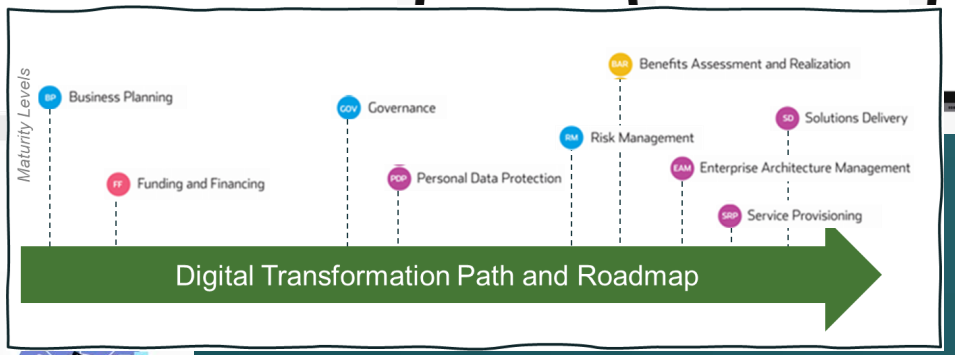
- Digital Readiness Assessment and Benchmarking tool
- Benchmarking Database
- Facilitates an open innovation community that allows engaged and agile research approach







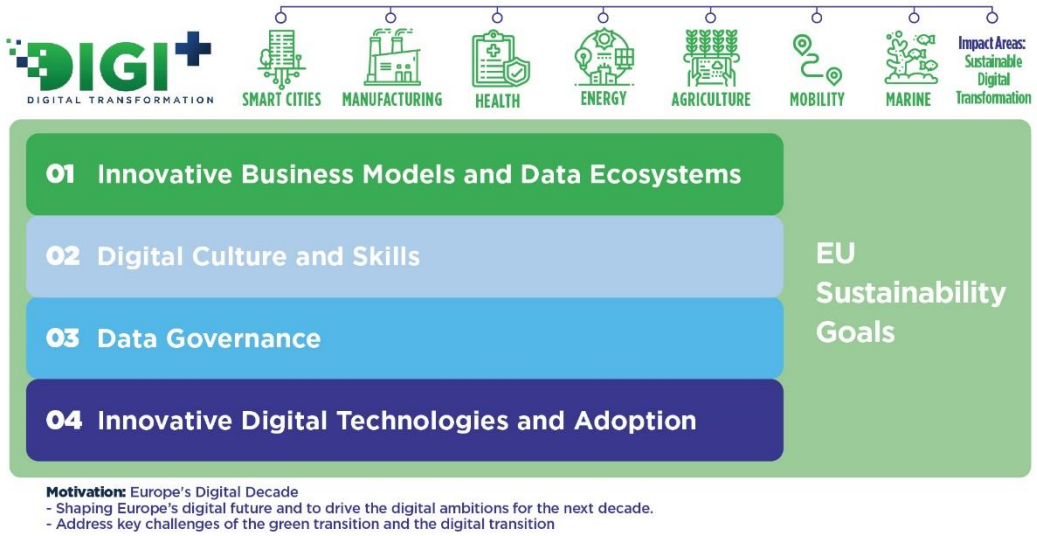




DIGI+ DIGITAL TRANSFORMATION

Leadership for Sustainable Digital Transformation in Europe

-A world class Fellowship Programme-



Motivation: Europe's Digital Decade
- Shaping Europe's digital future and to drive the digital ambitions for the next decade.
- Address key challenges of the green transition and the digital transition

Funded by the European Union

This project has received funding from the European Union's Horizon 2021 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 101081609

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LERO Software for a better world

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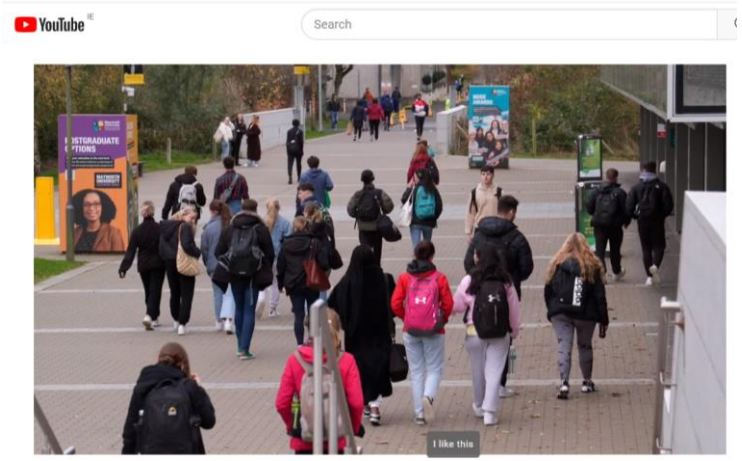
Engaging People

TUS
Technological University of the Shannon: Midlands Midwest
Ollscoil Teicneolaíochta na Sionainne: Lár Tíre Iarthar Láir

Science Foundation Ireland sfi For what's next

Enhancing Digital Transformation Skills Micro-Credentials at Maynooth University



https://youtu.be/D41Q-wrnr4U

- Introducing Digital Transformation
- Becoming Digital Ready
- What are Digital Services and Products?
- Approaches, models, frameworks, and practises associated with Strategic Planning to support Digital Transformation programmes
- Data governance for organisations
- Leading Change in Organisations
- Transformative Enterprises:
- Apply Design Thinking methods to innovate a digital processes, solutions, and services.

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National University of Ireland Maynooth

Leading Digital Transformation

Prof Markus Helfert

Director Innovation Value Institute, Maynooth University

Markus.Helfert@mu.ie

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Cátedra
para el desarrollo
responsable
del metaverso

Academic Chair for the Responsible Development of the Metaverse

University of Alicante

Universitat d'Alacant
Universidad de Alicante

Cátedra
MetaversoUA

MetaverseUA Chair

Created by University of Alicante in Feb 2023

To promote the **research** on the **suitability of the legal framework** to XR technologies and virtual worlds

Member of the European Metaverse Research Network (EMRN)

- Magdeburg-Stendal University of Applied Sciences (Germany).
- Paris Dauphine University (France).
- Renaissance Numérique (France).
- Politecnico di Milano (Italy).
- Poznań University of Technology (Poland).
- Netherlands Organisation for Applied Scientific Research (the Netherlands).
- RISE (Sweden).
- University of Alicante (Spain)

Team

UA Team

- **Aurelio López-Tarruella (Dir)**
- Raul Ruiz (junior researcher)
- Javier Lopez Guzman (junior researcher)
- Inmaculada Conesa (administration)

Scientific Committee

- **Manuel Desantes (UA), Chair**
- Julian Lopez Richart (UA)
- Martin Ebers (University of Tartu, Estonia)
- Vagelis PapaKostantinou (VUB)
- T. Rodriguez de las Heras (U. Carlos III)
- M. Mantegna (Abogamer)
- Laurent Manderieux (Bocconi University, Italy)
- Paul P. Polański (Kozminiski University, Poland)
- Idoia Salazar (OdiseIA)
- L. Ignacio Vicente (PONS IP)
- Gaetano Dimita (QMUL)

Research Lines

We aim to provide guidance and recommendations to researchers, developers and policy makers in the following topics:

1. Metaverse Governance
2. Avatars and Digital Identity in the Metaverse
3. Privacy and Personal Data Protection in the Metaverse
4. Content / Behavioural Moderation in the Metaverse
5. Digital Worlds as Markets
6. Cybersecurity in the Metaverse

Webinars and Research Papers

05.06.2023. Research paper + Webinar: "European Digital Acts and the Metaverse: fit for purpose?"
Teresa Rodriguez de las Heras, Aurelio Lopez-Tarruella
26.06.2023. Research paper + Webinar: "Avatars and the Protection of Digital Identity in the Metaverse"
Martin Ebers, Cristina Poncibo, Chris Reed
03.07.2023. Research paper + Webinar: "Decentralised Digital Identity in the Metaverse Under eIDAS 2"
Ignacio Alamillo, Steffen Schwalm, Monica Palminari
31.10.2023. Research paper + Webinar: "Personal Data Processing within Immersive Virtual Worlds: Compliance Challenges of the GDPR"
Vagelis Papakonstantinou, Pablo Trigo, Eleni Kosta, Gianclauido Malgieri
14.11.2023. Research paper + Webinar: "Exploring Content Moderation Challenges in The Metaverse"
Paul Polanski, Giancarlo Frosio, Judit Bayer
04.12.2023. Webinar: "Interoperability in the Metaverse"
15.04.2024. Research paper + Webinar: "Final Fantasy: A Roadmap for Virtual Property in the Metaverse' or any variations thereof?"
Michaela McDonalds, Gaetano Dimita, Enrico Bonadio, Fabrizio Esposito

Recordings available at https://metaversechair.ua.es/activities/
Papers to be published at https://metaversechair.ua.es/working-papers/

Cátedra para el desarrollo responsable del metaverso

Towards a responsible Development of the Metaverse (Alicante 13-14 June 2024)

6 panels
24 presentations
3 keynote speechs
Recordings and papers to be published at
https://catedrametaverso.ua.es/international-congress/

Cátedra para el desarrollo responsable del metaverso

Partners

RAILS. Robotics & AI Law Society

EUI CENTRE FOR A DIGITAL SOCIETY

EMRN The European Metaverse Research Network

TRANSFORM 4EUROPE

METAVERSE FOR GOOD

QUEEN'S UNIVERSITY BELFAST G-IPTech Centre

GiPLaw Universidad de Alicante

máster en Derecho de la sociedad Digital

RESPONSIBLE METAVERSE ALLIANCE

INMERSIVA XR

XR4EUROPE

UCAM UNIVERSIDAD CATÓLICA DE MURCIA

Project for the implementation of the Charter of Digital Rights in the Metaverse

- **Financed by "red.es" (Spanish Ministry of Digital Transformation)**
- **2024-2026**
- **3 conferences**
- **5 workshops**
- **2 Roadmaps**
- **Public Consultation**
- **White Paper on Digital Rights in the Metaverse**

MetaverseUA Chair

Suscribe to our mailing list at: https://metaversechair.ua.es

Follow us in LinkedIn: @MetaverseUAChair

catedrametaverso@ua.es