

Tranformarea digitală a educației în contextul dezvoltării alianțelor de Universități Europene

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MINISTERUL EDUCAȚIEI, ÎNCĂLZIRII ȘI DIGITALIZĂRII



MINISTERUL EDUCAȚIEI



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Elearning.upt.ro

Centrul de ID/IFR
și eLearning



Focus question...

“How do you build an enabling institutional strategy and culture to harness the benefits and opportunities of new digitally enhanced models of learning and teaching?”

Background...



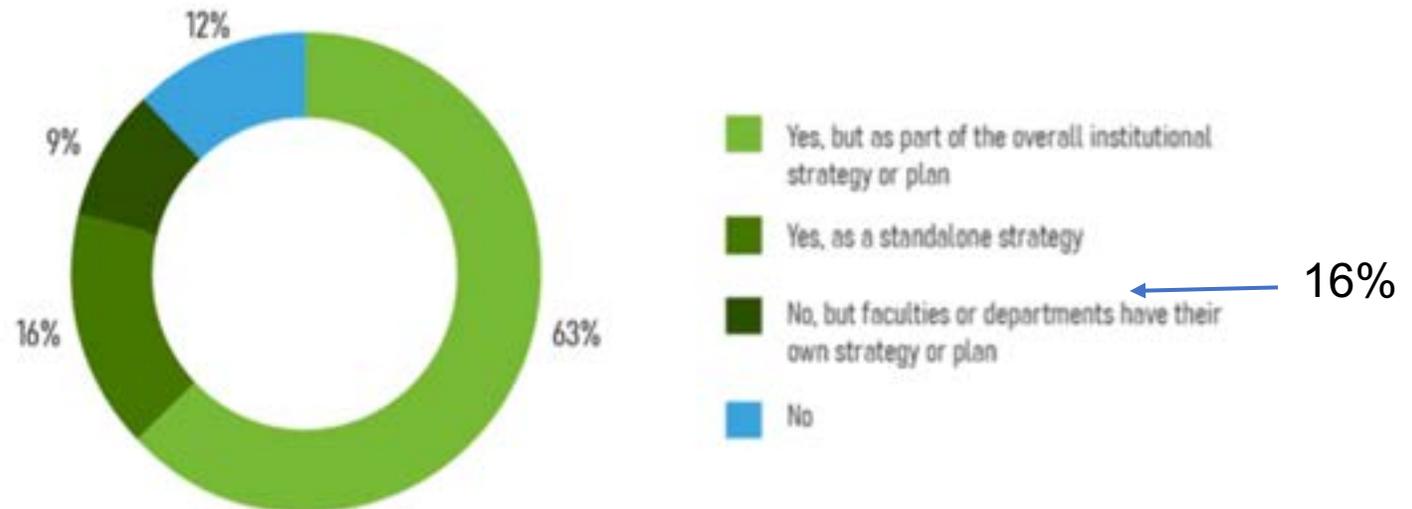
Background...

<https://eua.eu/101-projects/772-digi-he.html>

Institutional strategies for the digitalisation of learning and teaching

SURVEY REPORT

Digitally enhanced learning and teaching in European higher education institutions



Q7: Does your institution have a strategy for the digitalisation of learning and teaching?

n=360

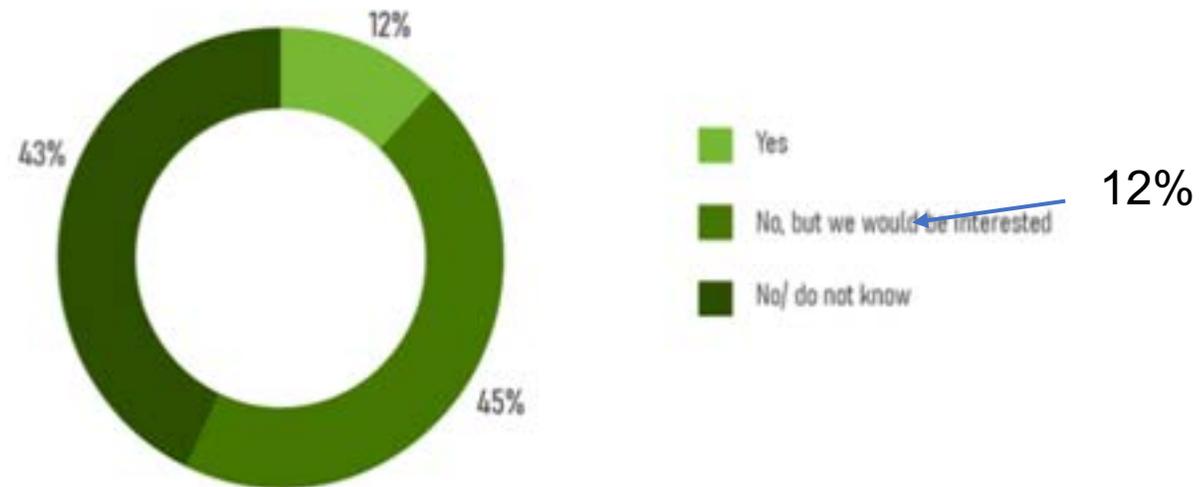
Background...

<https://eua.eu/101-projects/772-digi-he.html>

Use of self-assessment and/or benchmarking tools for digitalisation

SURVEY REPORT

Digitally enhanced learning and teaching in European higher education institutions



Q17: Has your institution used any self-assessment and/or benchmarking tools for digitalisation?

n=367

Background...



Figure 6 Example of radar diagram CoL Benchmarking Toolkit for Technology-Enabled Learning



1. Vision and Philosophy

A. Vision

- Under Consideration
- Applying/Emerging
- Infusing
- Transforming

B. Underlying philosophy

- Under Consideration
- Applying/Emerging
- Infusing
- Transforming

C. Reconsidering the role of blended learning in HEIs

- Under Consideration
- Applying/Emerging
- Infusing
- Transforming

Please explain your choices and include supporting evidence as justification (5/120 words):



Figure 7 Example of UNESCO Blended Learning Self-Assessment Tool

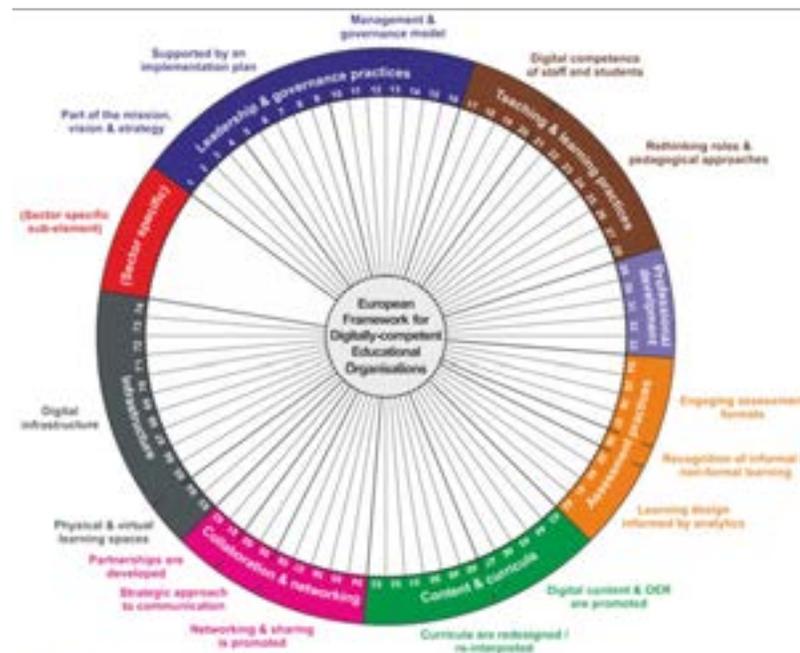


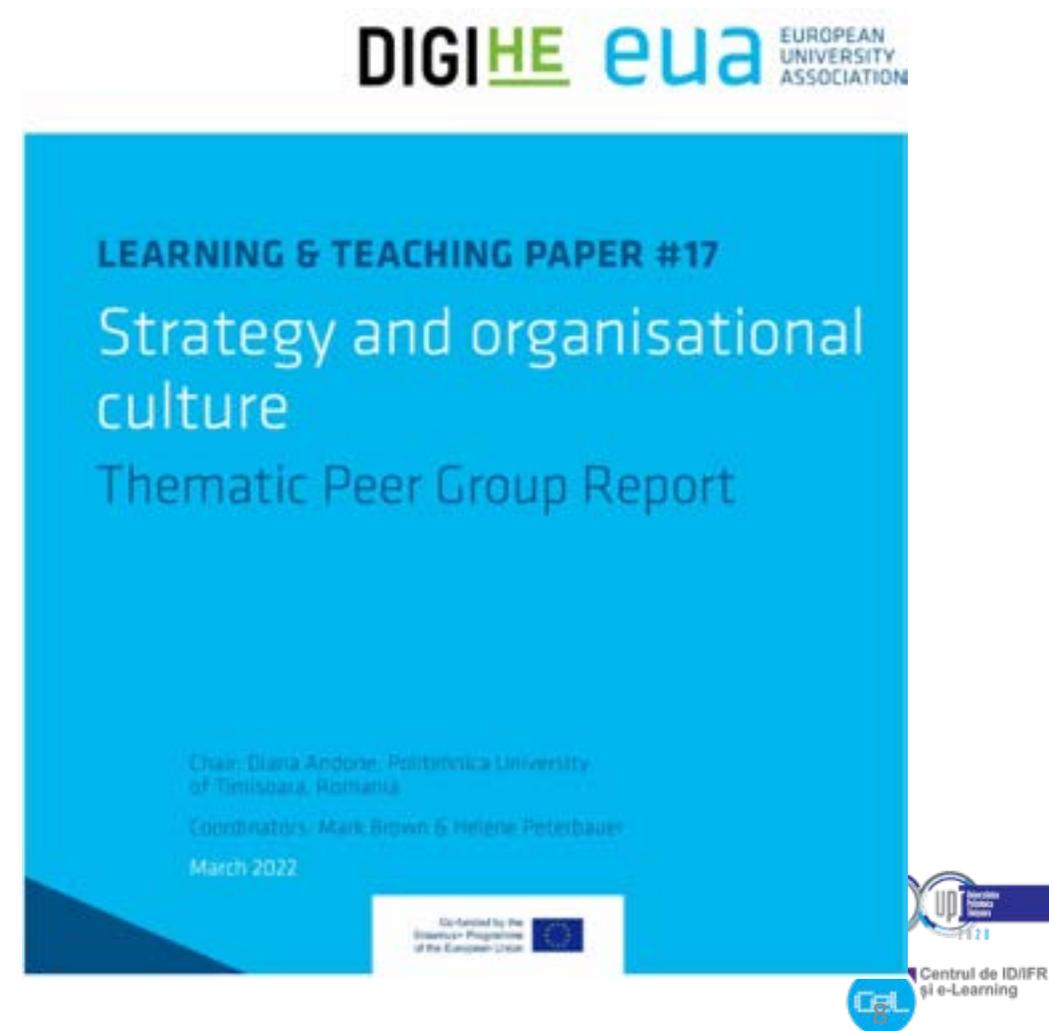
Figure 2 The different elements of DigCompOrg framework.



Strategy and Organisational Culture:

[Learning & Teaching Thematic Peer Group](#)

<https://eua.eu/resources/publications/1010:strategy-and-organisational-culture-group-report.html>



Developing an institutional strategy

Developing a framework



<https://eua.eu/resources/publications/1010:strategy-and-organisational-culture-group-report.html>

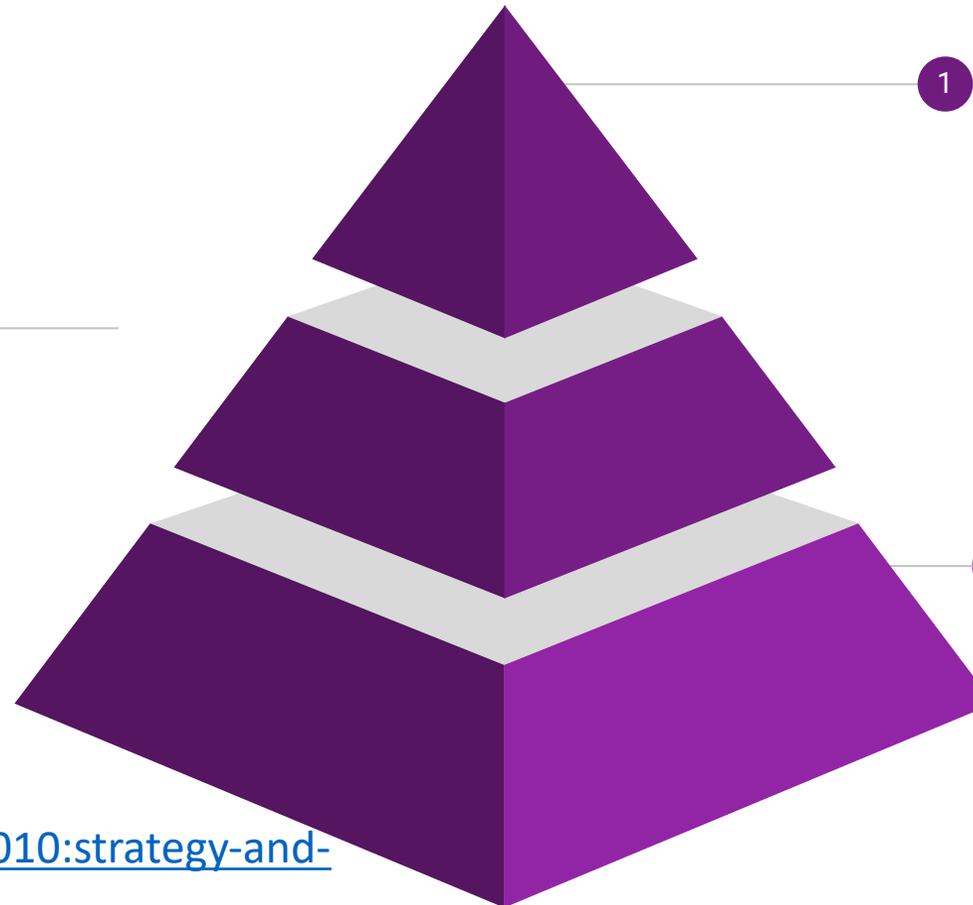
Developing an institutional strategy

Vision, Leadership and Governance

Understanding that collaboration is crucial

Digital transformation can take many different forms (digitisation, digitalisation, digital ecosystem) and implies a commitment to institutional change

Collaboration is important to build shared ownership of the priorities



Fostering digital transformation

In building up a DELT strategy, base policies or governance on the different forms and scales of digital transformation, on empowering collaboration with openness and shared ambition and on encouraging alignment of the institution's quality assurance framework and benchmarks with the planned digital transformation.

Recognising that change does not follow a straight line

periodic readjustment of the institutional strategy

leaders and ambassadors for change

quality assurance framework

Translating strategy into action Challenges

Vision, leadership and governance

Establishing the current state of practice, how to develop the right type of strategy and rethink teaching approaches for best practices

Promoting leadership, quality assurance and self assessment

Defying delivery modes and exploring partnerships

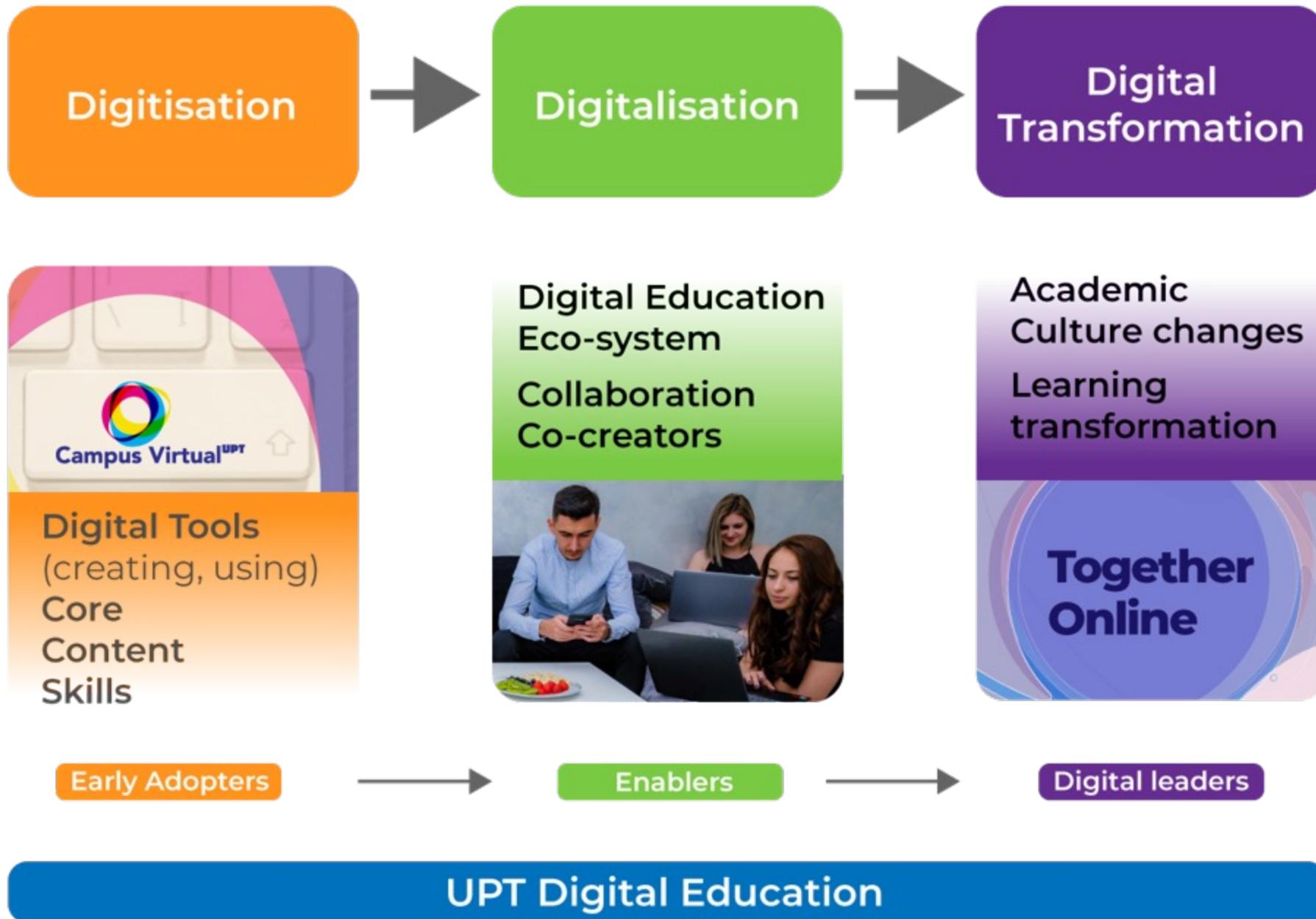
Ensuring quality and revising the quality assurance framework to support new models

Developing an institutional strategy

How to bring everything together?

The process of how an institutional strategy is developed is just as important as the strategy itself





Developing an institutional strategy

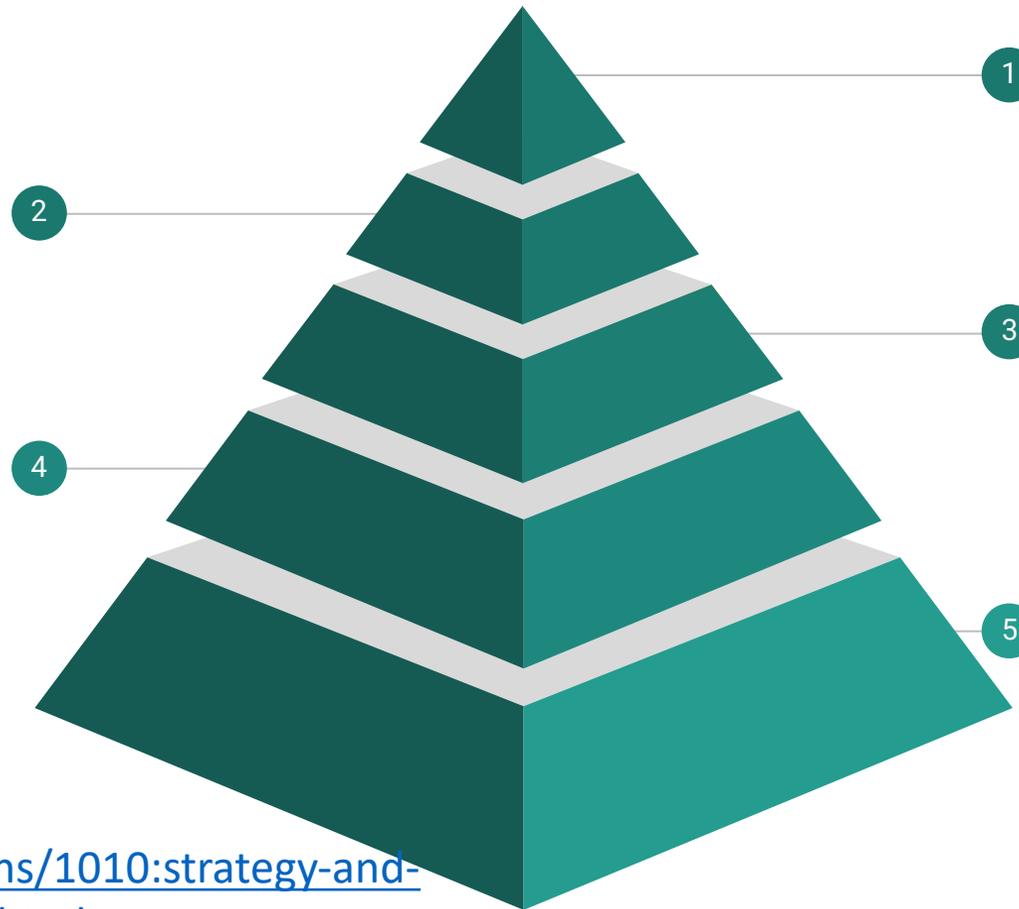
People, Community and Stakeholders

Students

Flexibility, to switch between in-person and online modes, personalisation and opportunities, inclusion and equality of access
student-led learning and co-creation

Communities

Digital communities of practice are wielding the power of the collective, gaining traction from a range of players: from the early adopters to the transformative leaders that are co-creating the digital strategies within and beyond their institutions.



Educators

Training opportunities, constant support, validation of educators' digital skills, communities of practice, support of innovative initiatives and explicit dissemination of good practices, impactful professional development culture, building a community

Stakeholders

active engagement, participation of external and internal stakeholders needs to be built into the culture of the institution, co-design strategies following collaborative processes

Self-assessment & institutional community

Undertake an audit or self-assessment of the current situation in your institution to identify the gaps and strategic priorities for development over the next five years; involve educators, students and stakeholders in the process and consider the impact on the institutional community in the planning of development measures.

Translating strategy into action Challenges

People, community and stakeholders

Promoting a mindset shift amongst teachers and administrators
and transforming assessment practices

Developing support for teacher and students
Increasing continuous professional development

Increasing flexibility and more authentic and relevant
assessment models

Promoting shared ownership of developments
towards digital transformation

Developing a community of practice, growth
mindsets and shared ownership
Supporting students and mapping the study
lifecycle

Digitalisation

Digital Education
Eco-system
Collaboration
Co-creators



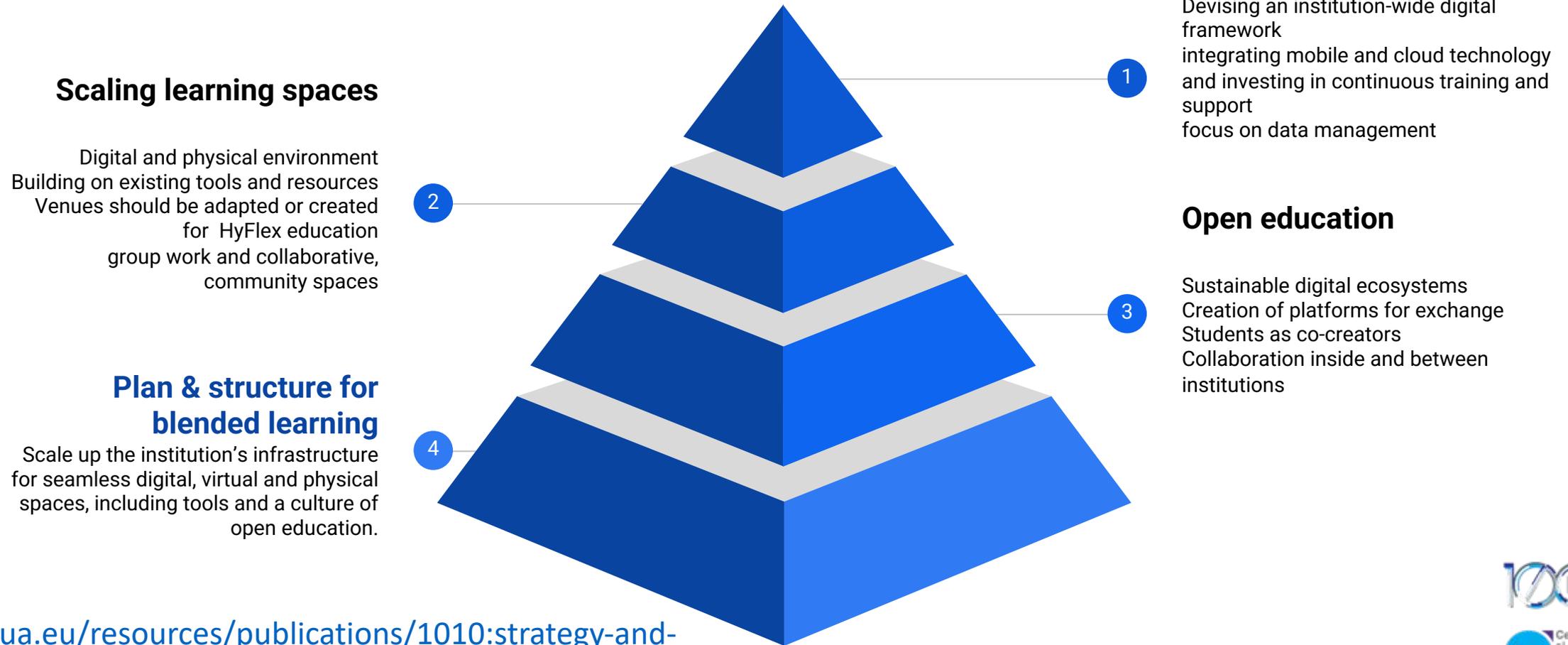
Enablers

Digitalisation

Digital Education Eco-system
Collaboration
Co-creators
Collaboration
Virtual mobilities

Developing an institutional strategy

Tools, Spaces and Resources



<https://eua.eu/resources/publications/1010:strategy-and-organisational-culture-group-report.html>

Translating strategy into action Challenges

**Tools,
spaces and
resources**

Developing and integrating digital infrastructures

Adapting physical spaces

digital education ecosystem consists of a diverse range of macro, meso and micro-layers.

Developing an institutional strategy

How to bring everything together?

The process of how an institutional strategy is developed is just as important as the strategy itself



Digitisation



Digital Tools
(creating, using)
Core
Content
Skills

Early Adopters

Digitisation

Core

UPT Virtual Campus (Unique Access point)

UniCampus - MOOCs courses

Training & Support

UPT Virtual Campus (Unique Access point) – Customised, scalable

- Moodle 3.9.2

- 476 plugins

- 71 developed by UPT

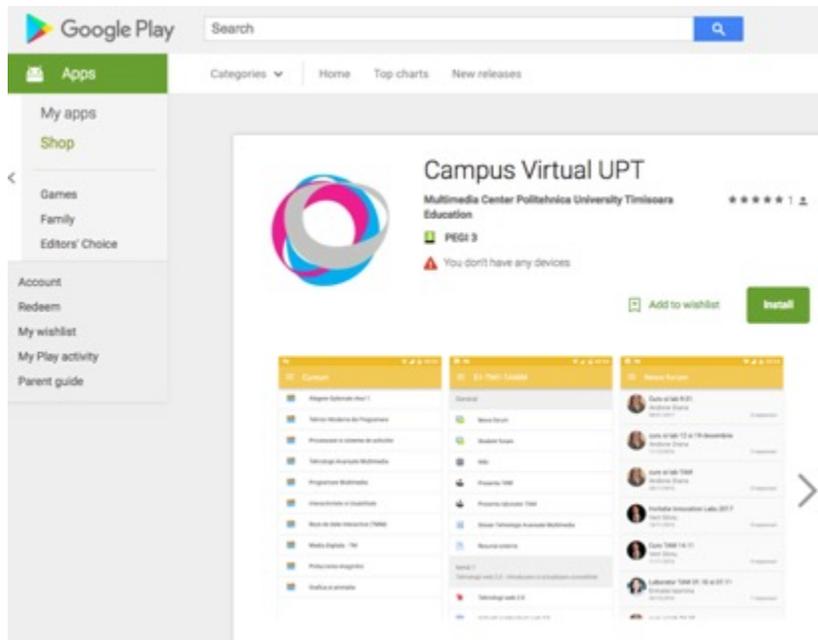
- 26 since March 2020

Since 2008 – open-source Moodle, customised and upgraded

Since 2015 - Mobile app CVUPT

Closed platform only for UPT students and professors

<https://cv.upt.ro/>



Listă plugin-uri

Se verifică actualizările disponibile

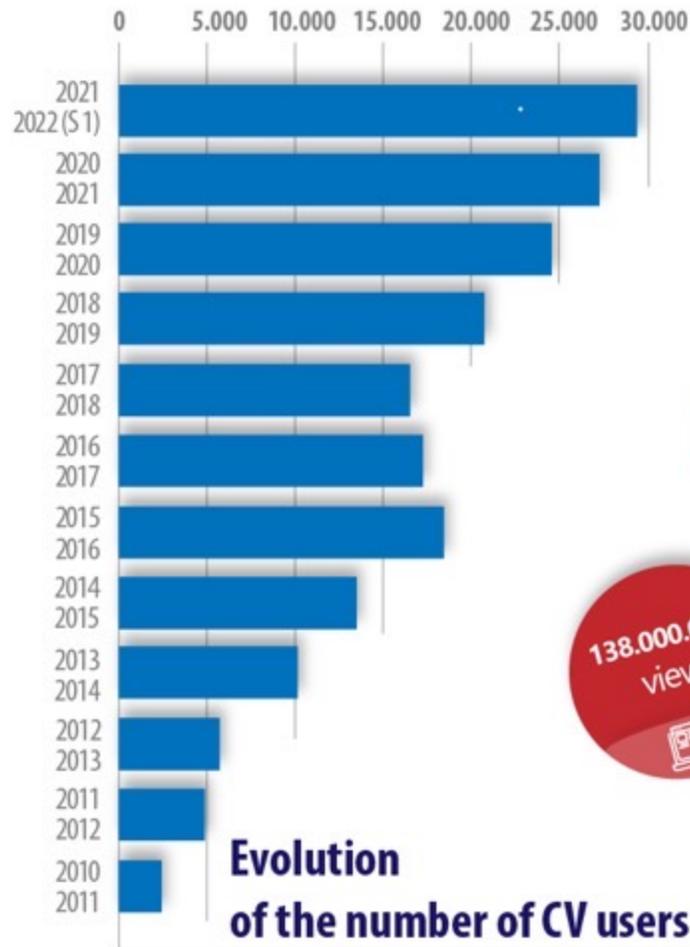
Ultima verificare a fost în data de 9 January 2021, 21:10

Toate plugin-urile 476 Plugin-uri adiționale 70 Actualizări disponibile 1

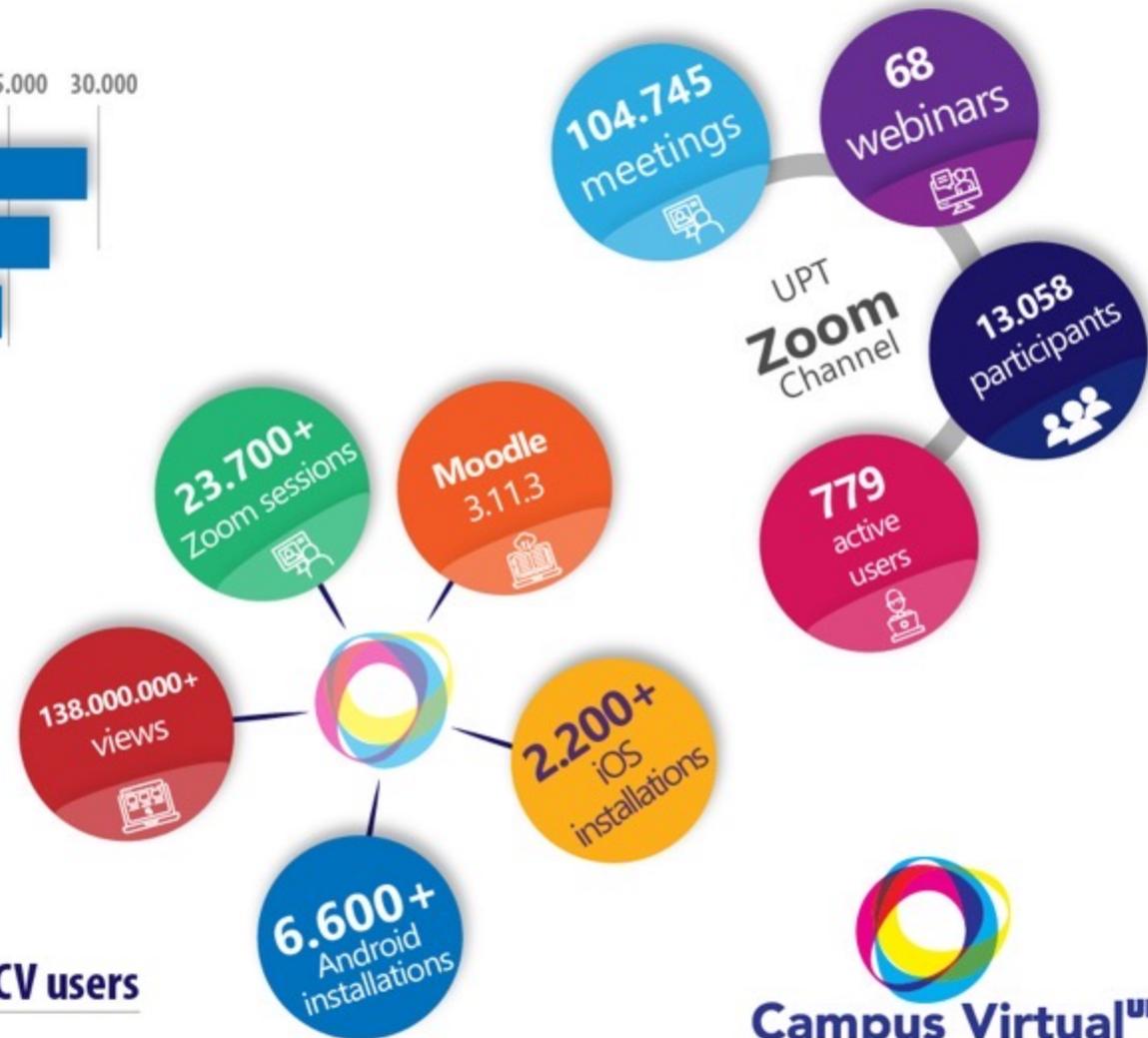
Nume plugin	Versiune	Disponibilitate	Acțiuni	Observații
Module de activitate				
Lucrare mod_assign	2020061500	Activat	Setări Dezinstalare	
Prezență mod_attendance	3.9.1 2020120300	Activat	Setări	Adițional Cerut de: block_attendance
Carte mod_book	2020061500	Activat	Setări	

Virtual Campus in 2021

The evolution of the UPT Virtual Campus

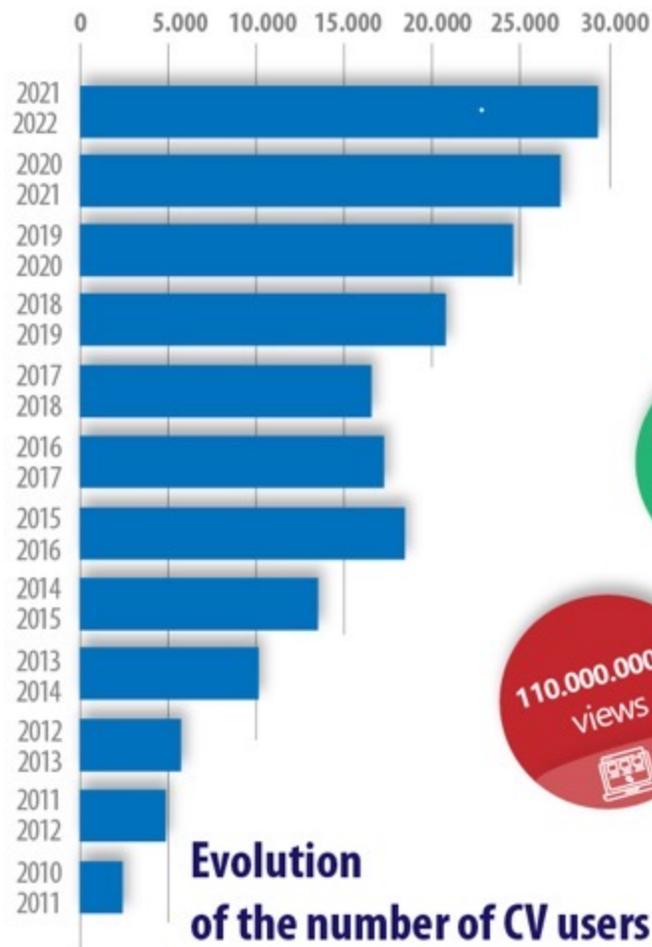
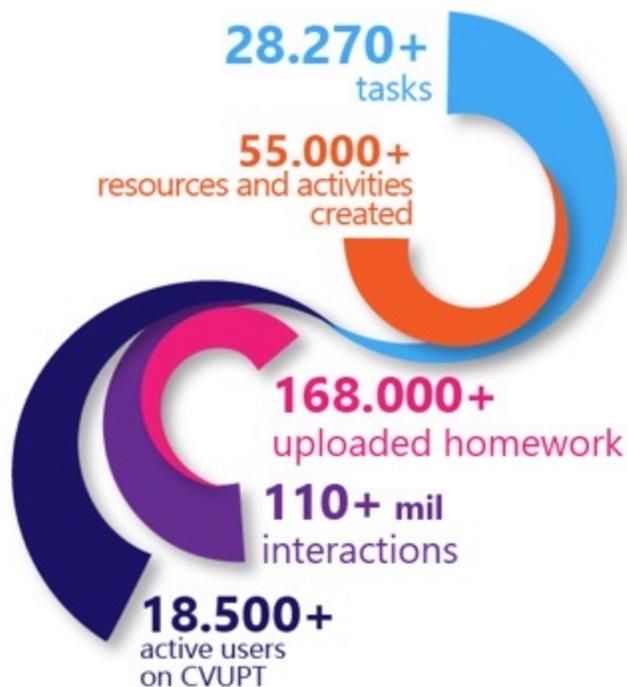


Evolution
of the number of CV users
2010 - 2021

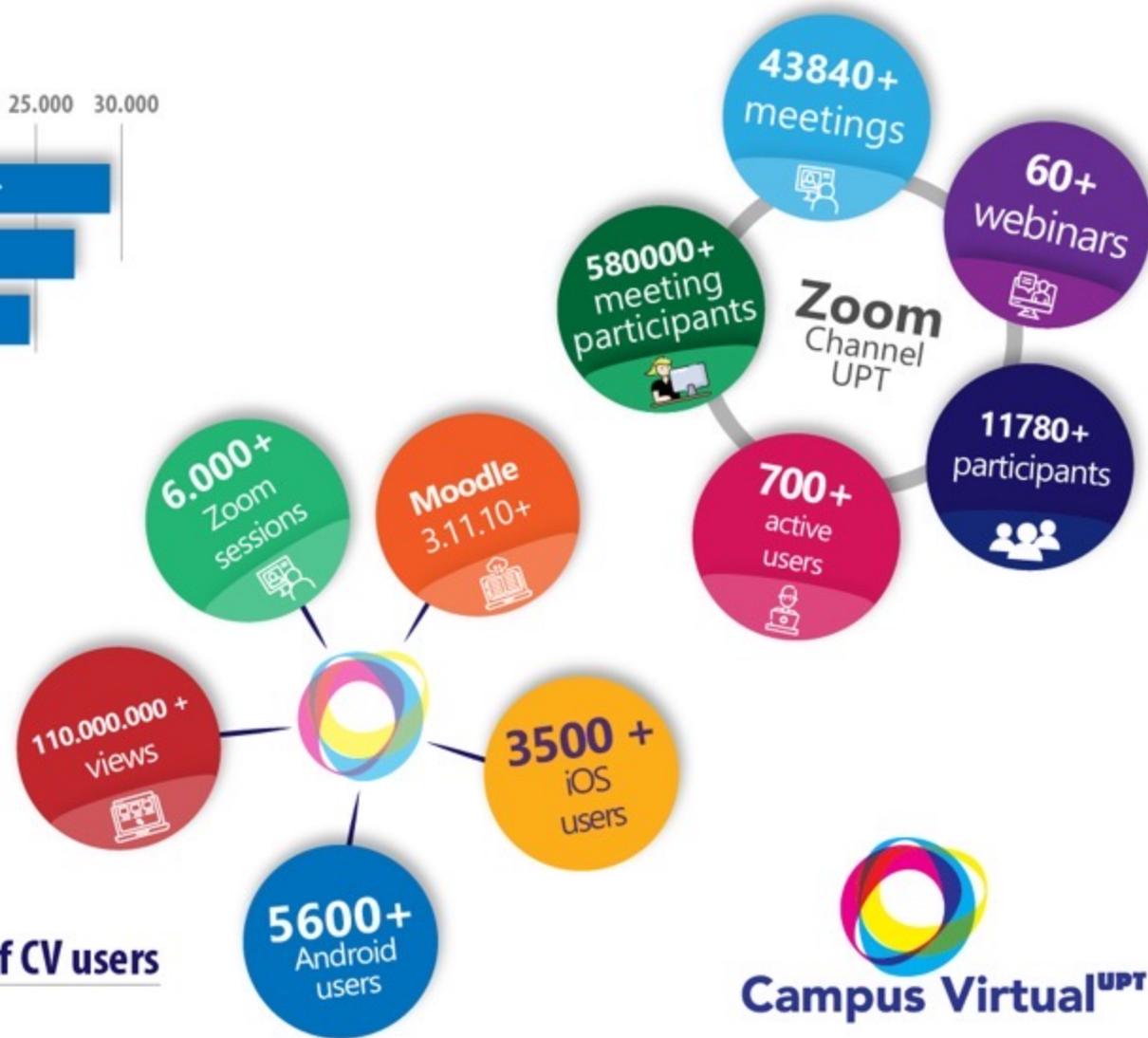


Campus Virtual in 2022

Evolution of Virtual Campus UPT



Evolution of the number of CV users 2010 - 2022



Developing educators competences

MODE-IT Project partners



www.mode-it.eu



MODE-IT online training program

The screenshot shows the Iversity course interface. At the top left, it says 'iversity Part of SPRINGER NATURE'. The course title is 'Introduction to MOOC design and delivery'. A navigation bar includes 'Chapters', 'Dashboard', 'Announcements', 'Journal', 'Discussions', and 'Certificates'. A sidebar on the left lists five chapters: Chapter 1 (Foundation of online learning), Chapter 2 (MOOC Course Design), Chapter 3 (MOOC Content Production), Chapter 4 (MOOC Delivery), and Chapter 5 (MOOCs in formal learning). The main content area shows a progress bar for Chapter 2, a large number '9' indicating the number of people enrolled, and a list of instructors with their names and 'View profile' links.

composed of 5 learning modules

1. Foundation of online learning;
2. MOOC course design;
3. MOOC content production;
4. MOOC delivery;
5. MOOC in formal learning.

<https://iversity.org/en/my/courses/introduction-to-mooc-design-and-delivery>

MODE IT

www.mode-it.eu

MODE-IT online training program

125 participants Only partner universities
Evaluated

<https://open.ktu.edu/>



www.mode-it.eu

Lesson 1: Digital Learning Resources

View

View all attempts (0 submitted)

This content is displayed in preview mode. No attempt tracking will be stored.

M3 MOOC Content Production Lesson 1
Erasmus+ Programme of the European Union

Watch later Share

ABC to LD Learning Design

Six learning activities
Collaborative
Constructivist



ABC LD

YouTube

1:01 / 9:55

<> Embed

◀ Lesson 1. Digital Learning Resources. Video lesson

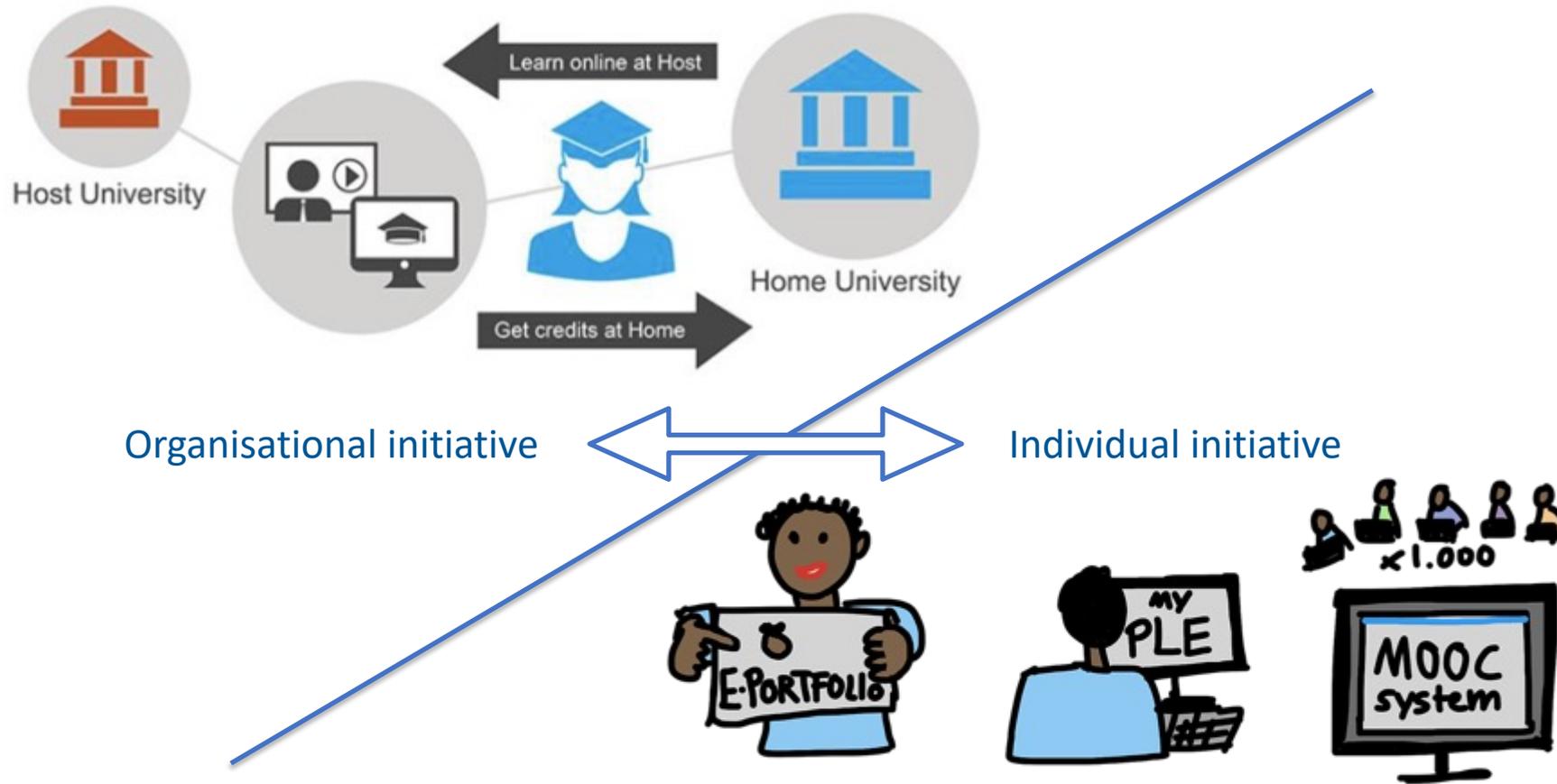
Jump to...

Lesson 1. Digital Learning Resources. Supplementary material ▶



Virtual Mobility vs. Open Education?

Open Virtual Mobility





Open Virtual Mobility

Course implementation

24 courses to get ready for Virtual mobilities

Welcome to the MOOC - Media and Digital Literacy!

1. Welcome to the MOOC - Media and Digital Literacy!
Improve your media and digital literacy to prepare for virtual mobility!

Choose your learning pathway - as TEACHER or STUDENT

Kafi (student)

- + likes creative work
- + speaks good English
- + has many Instagram followers
- + wants to get ready for virtual mobility

Rafa (student)

- + likes travelling
- + runs his own blog
- + speaks good English
- + wants to get ready for virtual mobility

Media and Digital Literacy - Intermediate Level

Welcome to the Intermediate Level of the Media and Digital Literacy course

In this part of the MOOC, you will watch videos and read texts that enable you to improve your media and digital literacy (MDL). You will also participate in discussion forums and self-assess your skills.

Before starting the intermediate level, you can choose to attend the foundation level [MDL Foundation Level].

After you have completed the intermediate level, you will be ready to join the advanced and the last level of the media and digital literacy course [MDL Advanced Level].

Discussion Forum (Intermediate Level)

Dear participants, you can use this space to write your questions regarding the learning path, technical issues, assessment, and badges. A tutor will provide you guidance!

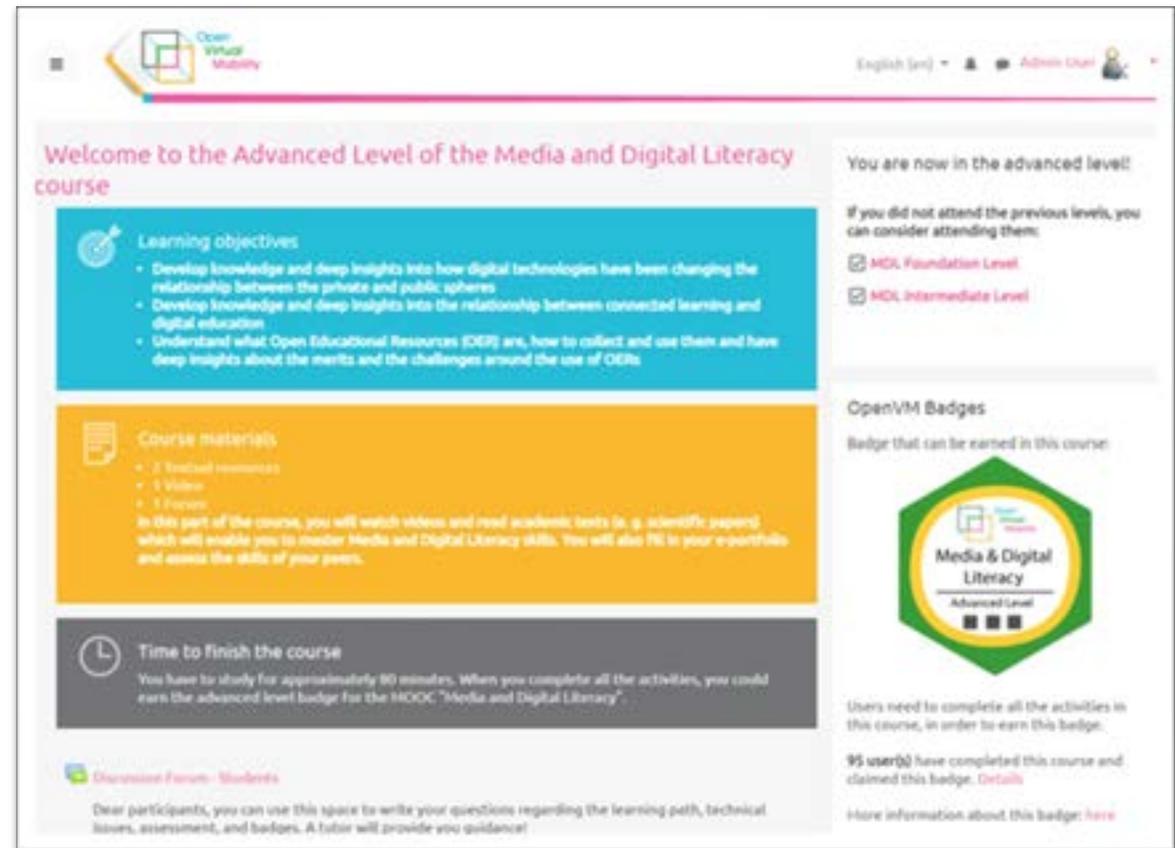
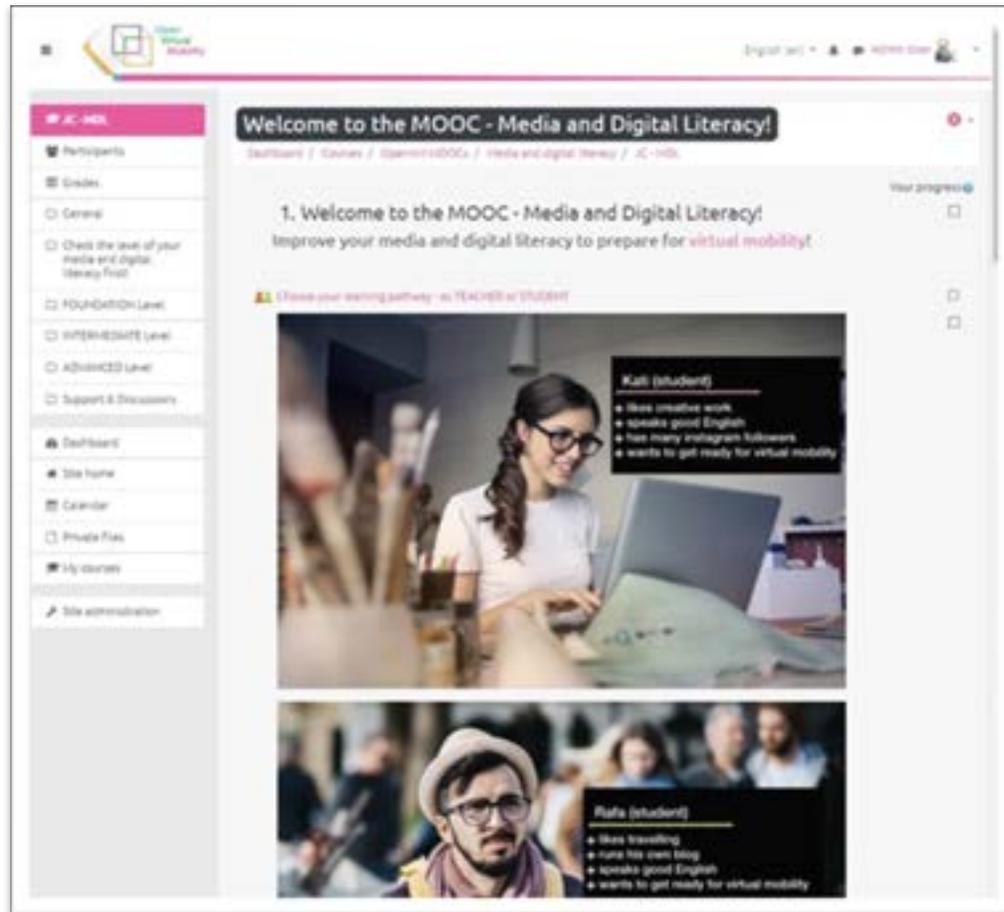
Skills needed to face the learning challenges in the digital era

<http://www.openvirtualmobility.eu>

Open Virtual Mobility | www.openvirtualmobility.eu | @openVM_erasmus



Open Virtual Mobility Learning HUB – 24 courses in EN



<http://www.openvirtualmobility.eu>

Moodle based



Open Virtual Mobility

Open Credentials to recognise virtual mobility skills
Opening the skill recognition!



<http://www.openvirtualmobility.eu>

acadigia

Puts the digital in academia

Augmented teaching through blended learning

ACADIGIA - Consortium

P. PORTO

Instituto Politécnico do
Porto



POLITÉCNICA

Universidad Politécnica
de Madrid



Università Politecnica
delle Marche



National Technical
University of Athens

INOVA+

INOVA+



Universitatea Politehnica
Timisoara



Trinity College Dublin



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<https://acadigia.eu/>



ACADIGIA - Tools

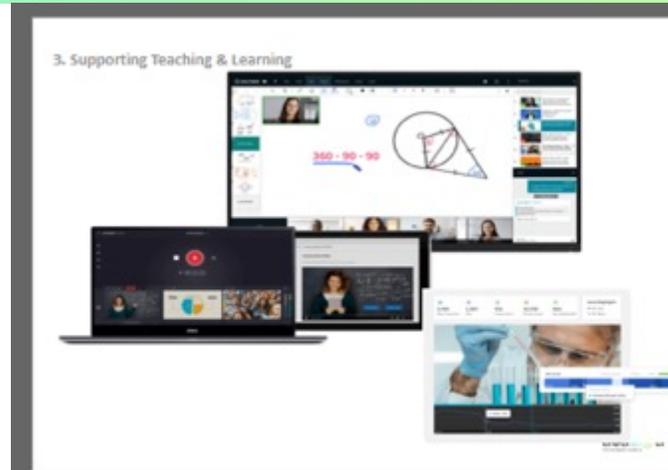
Skype	Cisco Webex
Google Classroom	Jupyter Notebook
Zoom	Blackboard
Microsoft Teams	Digital Whiteboard
Kahoot	MS Forums
Moodle	Kaltura

ACADIGIA – Tools analysis

For each tool:

- a report
- Demo video
- Tutorial based on practical experience

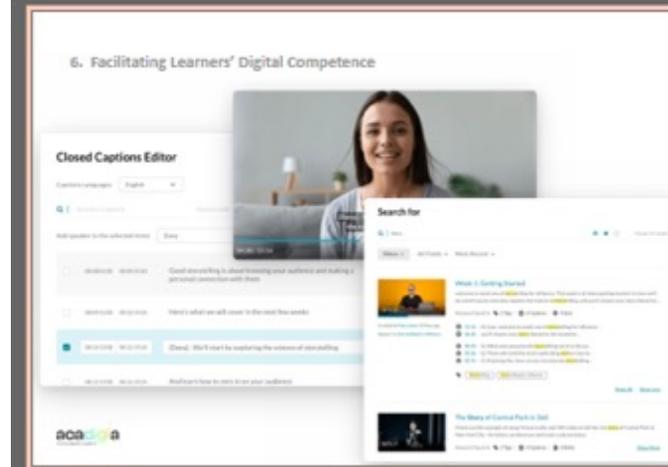
- Online
- print



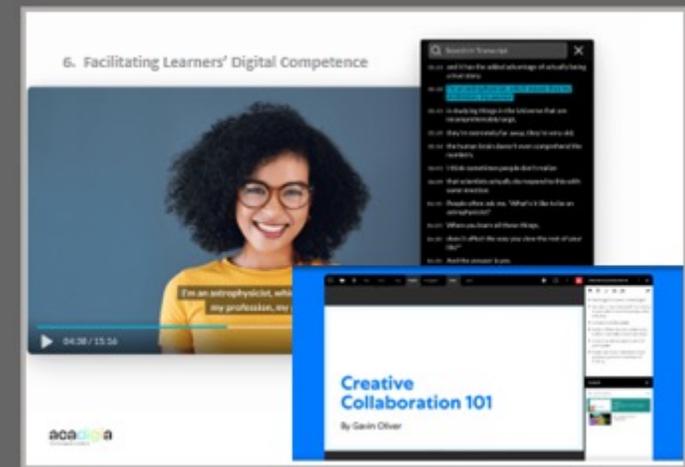
7



8



9



10

ACADIGIA – DigCompEdu training handbook and course

Part B Structure

Integrating EU Digital

Education Frameworks

Digital education resources

Designing digitally enhanced learning and teaching

Designing digitally enhanced evaluation and assessment

Open education resources, tools, practices

The screenshot shows the ACADIGIA Training Course page on a learning management system. The header includes the UNI logo and navigation options. The main content area features the ACADIGIA logo and a grid of course modules. A right-hand navigation menu is also visible.

Module	Progress
A0) Presentation	0%
A1) Mentoring relationship process	0%
A2) Collaborative partnership	0%
A3) Constructive feedback and validation	100%
B1) Integrating EU Digital Education Frameworks	33%
B2) Digital Learning Resources	0%
B3) Designing Digitally Enhanced Learning And Teaching	0%
B4) Designing Digitally Enhanced Evaluation And Assessment	0%
B5) Open Education Resources, Tools, Practices Educational Resources	0%
Final assessment	0%

<https://unicampus.ro/cursuri/course/view.php?id=194>

<https://acadigia.eu/>

Cele mai bune cursuri online, gratuite,
din România

Ție ce ți-ar plăcea să înveți?

CAUTĂ CURSURI

www.unicampus.ro

Cele mai noi cursuri



Cursuri DigiCulture

VEZI CURSURI



Open Education Week 2021

01 April
© 2021



VEZI CURS

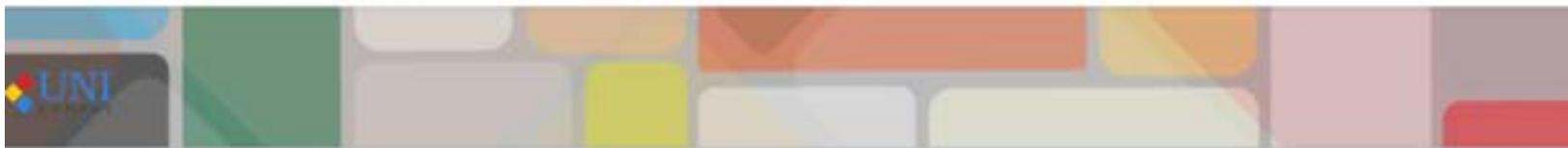


Digital Skills 2019

01 July
© 2020



VEZI CURS



Home



MODE-IT COURSES

Enrol me in this course



DIGICULTURE COURSES

Enrol me in this course



TEHNOLOGIA BLOCKCHAIN. EUROPEAN BLOCKCHAIN SERVICES INFRASTRUCTURE

Topics: 6
Teachers:
Diana Andone
Carmen Holotescu

Enrol me in this course



ACADIGIA TRAINING COURSE

Topics: 11

Enrol me in this course



Open Education Week Workshop 2022

Comunități pentru dezvoltarea educației deschise
Transformative Communities of Open Education

OPEN EDUCATION WEEK 2022

Topics: 18

Enrol me in this course



COMPETENȚE ȘI ABILITĂȚI DIGITALE PENTRU VIITOR - 2021

Topics: 29

Enrol me in this course



OPEN EDUCATION WEEK 2021

Topics: 16

Enrol me in this course



DEZVOLTARE WEB

Topics: 7
Teachers:
Mihaela Marcella Crisan-Vida

Enrol me in this course



CURSURI DIGICULTURE

Topics: 3
Teachers:
MARIA MARITESCU

Enrol me in this course



COMPETENȚE ȘI ABILITĂȚI DIGITALE PENTRU VIITOR - 2020

Topics: 13

Enrol me in this course

www.unicampus.ro

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EDEN Fellow 2011, Senior Fellow 2021
EDEN Vice-president (2017-2021)
IEEE Romania Education Chair
IEEE Education Board of Governors
IEEE Computer Society, TCLT Open Chair
IEEE Education and Women in Engineering
EUA Digital Transformation Committee

Elearning.upt.ro

cv.upt.ro

Unicampus.ro

Echipa

elearning.upt.ro

The image displays a grid of 14 individual portraits of team members. Each portrait is a square with rounded corners, set against a light blue background with a pattern of larger, semi-transparent blue circles. The portraits are arranged in two rows of seven. The top row includes: Dr. Ing. Diana Andone, Șt. Dr. Ing. Vlad Mihăescu, Șt. Dr. Ing. Silviu Vert, Camelia Ciuclea, Șt. Dr. Ing. Andrei Ternauciuc, Șt. Dr. Ing. Muguras Mocofan, and Alexandru Chionghios. The bottom row includes: Maria Manțescu, Ing. Marius Tătaru, Ing. Silviu Berzescu, Poliana Ilincă, Renate Iovi, Ing. Oana Rotaru, and Rafael Leucuța. To the left of the portraits, the word 'Echipa' is written in a large, bold, blue font. Below it is a stylized logo consisting of a grid of blue dots forming the letters 'e' and 'l'. At the bottom right of the collage, the text 'elearning.upt.ro' is written in a blue, lowercase font.

