

„Micro-credentials and internationalisation: By-product or a strategic goal in its own right?“

NA DAAD, 06.12.2024

Ana-Marija Cvitic
ENHANCE Strategy Officer
strategy.officer@enhanceuniversity.eu



Co-funded by
the European Union



Mag. iur. Ana-Marija Cvitic

Strategy Officer

ENHANCE -

European Universities of Technology

Technische Universität Berlin

Straße des 17. Juni 135

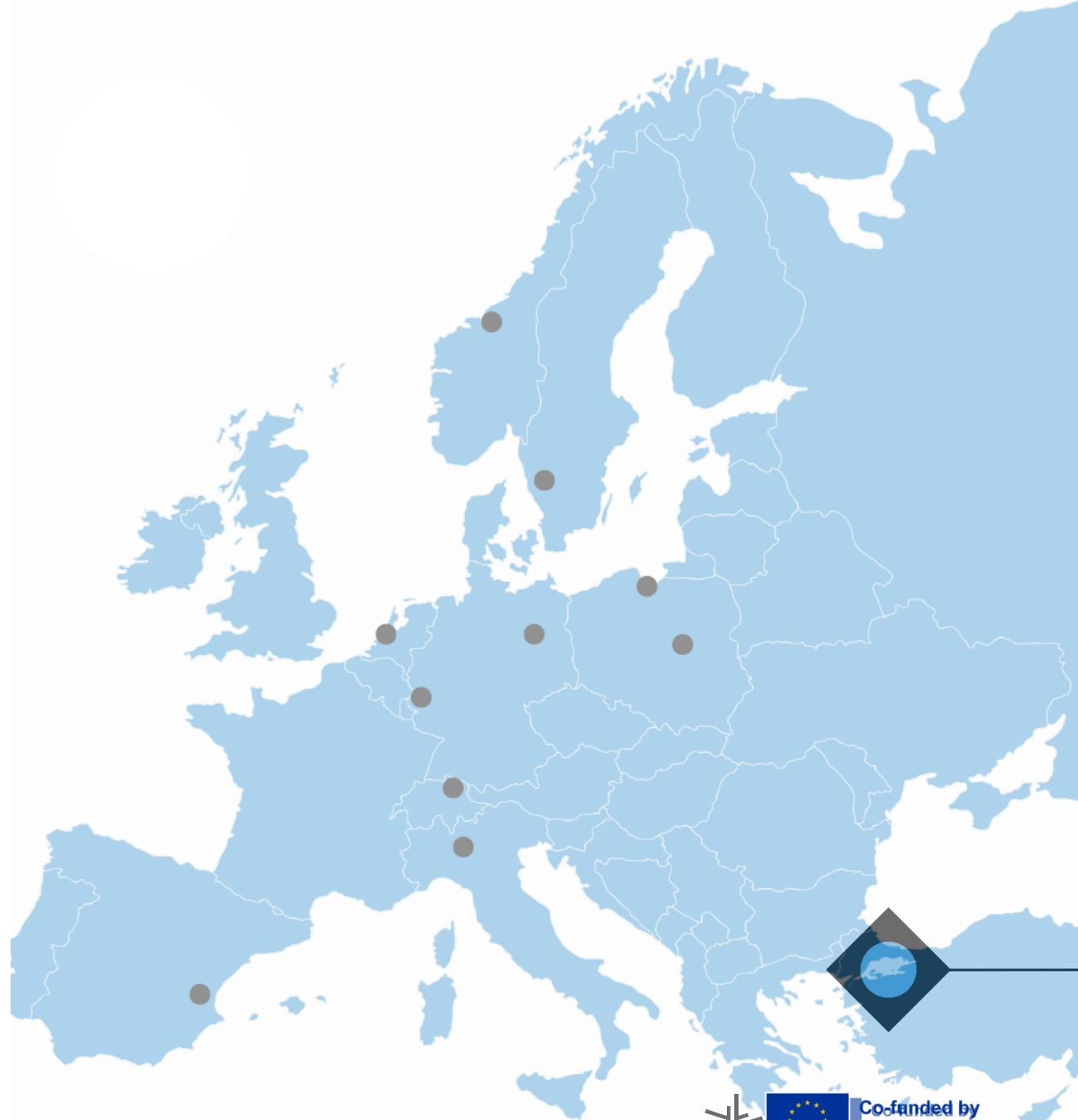
10623 Berlin



© Ana-Marija Cvitic



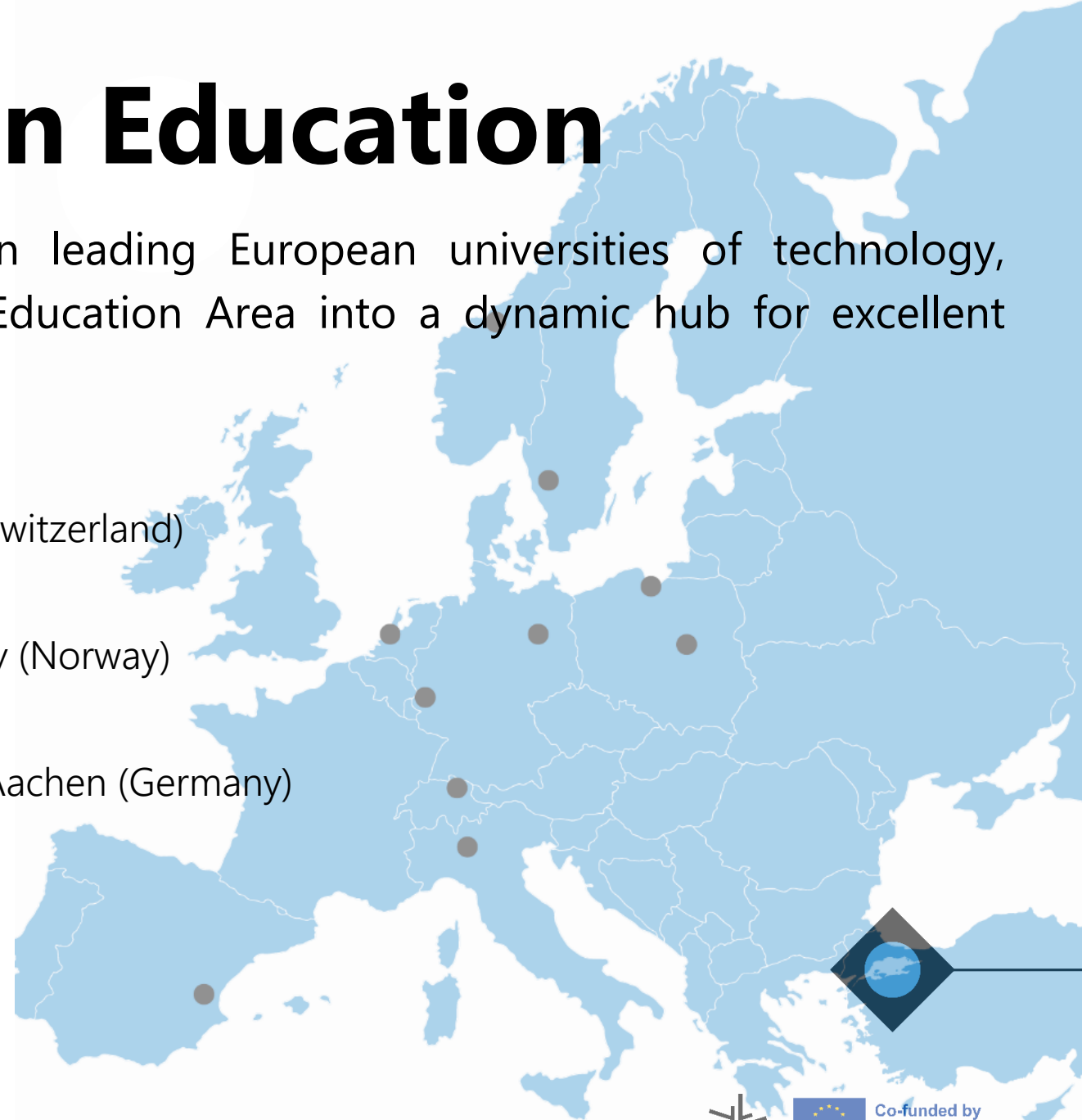
About us



Shaping European Education

The **ENHANCE Alliance**, comprising ten leading European universities of technology, collaborates to transform the European Education Area into a dynamic hub for excellent education and collaboration.

- Chalmers University of Technology (Sweden)
- Eidgenössische Technische Hochschule Zürich (Switzerland)
- Gdańsk University of Technology (Poland)
- Norwegian University of Science and Technology (Norway)
- Politecnico di Milano (Italy)
- Rheinisch-Westfälische Technische Hochschule Aachen (Germany)
- Technische Universität Berlin (Germany)
- Delft University of Technology (Netherlands)
- Universitat Politècnica de València (Spain)
- Warsaw University of Technology (Poland)



The European University Initiative

A key pillar of the European Education Area:

- 64 alliances
- 560 higher education institutions
- 2200 associated partners



The European University alliances constitute a strategic response to the challenges faced by higher education in a globalised world



Co-funded by
the European Union

Address sector-specific demands

Across Borders

ENHANCE transcends borders, fostering a shared European identity through enhanced freedom of movement, knowledge exchange, and language diversity by embodying a commitment to international cooperation and promoting European values to address global challenges.



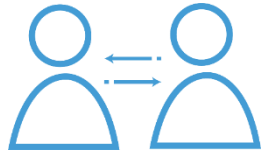
Across Sectors

ENHANCE drives the integration of European values into technology and innovation across diverse sectors, offering various initiatives. It cultivates a shared identity, fostering collaboration between academic, business, and civil society stakeholders by actively involving all stakeholders into our network.

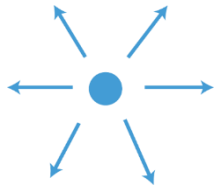
Across Academic Disciplines

ENHANCE pioneers interdisciplinary learning, diversity, and inclusion, promoting collaboration and student involvement beyond academic boundaries. Key initiatives underscore ENHANCE's commitment to fostering transdisciplinary research, education, and synergies among academia, industry, and civil society.

ENHANCE Vision: One Campus – Multi-site



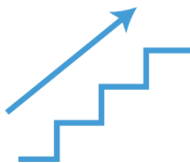
Cooperation and **sharing**
of excellences



Flexibility



Innovative curricula



Scalability



Co-funded by
the European Union

Student journey

European Education Pathways Ecosystem

- Enhanced **Erasmus**
- Guided **Education Paths**
- Innovative **Learning Campus**

Innovative International Experience



More than one partner university



Physical and virtual attendance

Final Recognition



Degree issued from **home university**



ENHANCE micro-credential(s)



Co-funded by the European Union

Innovative Learning Campus

- Joint learning opportunities in various formats (virtual, blended, hybrid), usually digitally supported
- Either come from a single member university or jointly developed for ENHANCE



© ENHANCE alliance



Co-funded by
the European Union

Types of micro-credentials

Micro-programmes = learning activities leading to credits (formal)

Courses = single learning activity leading to credits (formal)

Trainings = single learning activity that does not lead to credits (non-credit)



© ENHANCE alliance



Co-funded by
the European Union

Innovative Learning Campus



Welcome to the ENHANCE Innovative Learning Campus Catalogue! Here, you'll find a comprehensive overview of all our innovative learning opportunities designed to enrich your experience as a student, teaching or administrative professional in higher education of life-long learner. We invite you to browse our current offerings and discover the diverse options available to you. If you're interested in long-term ENHANCE opportunities, such as the ENHANCeD Erasmus initiative or the ENHANCE Guided Education Paths please visit the [ENHANCE website](#) for more detailed information. We're excited to support your learning journey!

Learning Opportunities

Filters

Only favourites

Application period None All

Closed

Open

University None All

Chalmers University of Technology

Delft University of Technology

ETH Zurich

Gdansk Tech

Politecnico di Milano

RWTH Aachen

Technische Universität Berlin

Warsaw University of Technology

Category None All

Certificate Programmes

Search for course/programme Sort

Technische Universiteit Delft - Nederland Application OPEN DelftX: Electric Cars: Introduction (Self-Paced) MOOCs/Online Courses	Gdansk Tech - Poland Application OPEN Adaptive Housing Structures on Waterfronts in the Context of Climate Change Summer & Winter School	Gdansk Tech - Poland Application OPEN Advanced water treatment technologies Summer & Winter School
3 ECTS	3 ECTS	3 ECTS
OFFERED TO General Public, Professionals	OFFERED TO BSc Students, MSc Students, PhD Candidates/ Researchers	OFFERED TO BSc Students, MSc Students, General Public, Professionals, PhD Candidates/Researchers
LANGUAGE English	LANGUAGE English	LANGUAGE English
TEACHING PERIOD Sep 01, 2024 - Aug 31, 2025	TEACHING PERIOD Jan 09, 2025 - Jan 19, 2025	TEACHING PERIOD Mar 03, 2025 - Mar 17, 2025
PARTICIPATION Online	PARTICIPATION Blended	PARTICIPATION Blended remoting
APPLICATION PERIOD Sep 01, 2024 - Aug 31, 2025	APPLICATION PERIOD Nov 27, 2024 - Dec 18, 2024	APPLICATION PERIOD Dec 02, 2024 - Jan 20, 2025
PLACES AVAILABLE unlimited	PLACES AVAILABLE limited	PLACES AVAILABLE unlimited



Example: Training

„Anti-Bias Lunch Breaks“

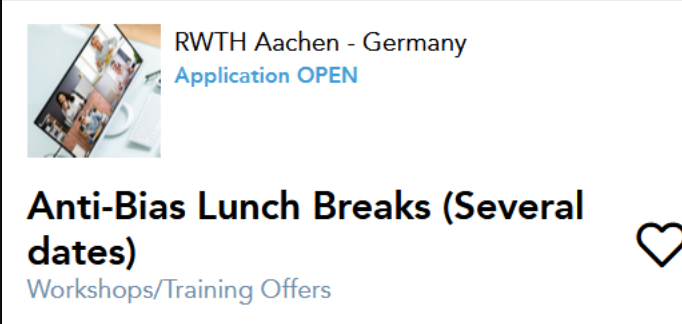
Type: Training (non-formal)

Format: Online

Length: 60 min

Offered by: ENHANCE

Coordination: RWTH



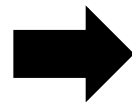
RWTH Aachen - Germany
Application OPEN

Anti-Bias Lunch Breaks (Several dates)

Workshops/Training Offers

Structure

Anti-Bias Lunch Break
(RWTH, no credits, extra-curricular)



Certificate of Attendance
(ENHANCE, no credits)



Example: Course

„Advances in Water Management and Climate Adaptation“

Type: Course (formal)

Format: Hybrid

Length: 1 Semester

Offered by: TU Berlin

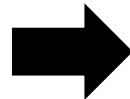
Coordination: TU Berlin



The screenshot shows the course listing for 'Advances in Water Management and Climate Adaptation' on the TU Berlin website. It includes the TU Berlin logo, the university name 'Technische Universität Berlin - Germany', the text 'Application OPEN', a blue badge indicating '3 ECTS', the course title, and a heart icon for favoriting. Below the title, it specifies 'MOOCs/Online Courses'.

Structure

Advances in Water Management
and Climate Adaptation
(TU Berlin, 3 ECTS, curricular)



Academic Certificate
(TU Berlin, 3 ECTS)



Example: Micro-Programme

„ENHANCE Certificate in Data Literacy“

Type: Programme (formal)

Format: Blended

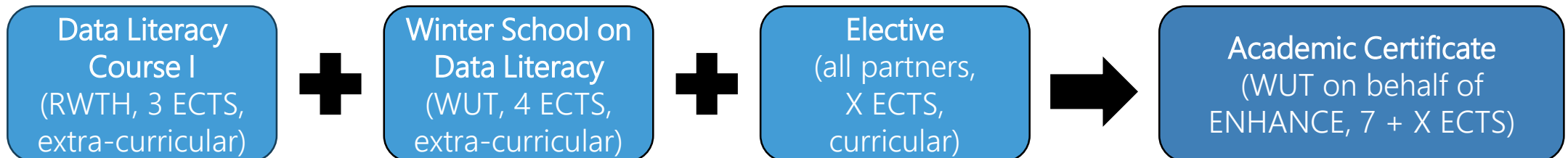
Length: 1 academic year

Offered by: ENHANCE

Coordination: Warsaw University of Technology



Structure:



Co-funded by
the European Union



ENHANCE
European Universities of Technology Alliance

ENHANCE
HACKATHONS

23-26.05.2024

Warsaw

ENHANCE
BioHackathon

Create biosolution for waste management!

**Main award
2 000 EURO**

ENHANCE
Smart City Challenge

Create innovative solutions for smart city problems!

**Main award
2 000 EURO**

[To apply click here or scan!](#)



© ENHANCE alliance

REGISTRATION OPENS
BY 1 APRIL 2022


#ENHANCE Challenge

CHALLENGE 1

DIVERSITY AND INCLUSION
OF STUDENTS WITH FEWER
OPPORTUNITIES

CHALLENGE 2

USE OF ARTIFICIAL
INTELLIGENCE IN UNIVERSITY
ADMINISTRATION



© ENHANCE alliance

ENHANCE STUDENTS AGAINST CLIMATE CHANGE SUMMER SCHOOL 2023

*It's getting
HOT in here*



LEVEL
B.Sc. and M.Sc.



DURATION
4-14 July 2023



LOCATION
Warsaw, Poland



CREDITS
4 ECTS

© ENHANCE alliance



Opportunities for students

- customisation of learning paths
- opportunity to quickly attain competences of interest or desirable on the changing labour market
- enriching individual learning paths through European partners
- international experience without long-term physical mobility, incl. internationalisation at home

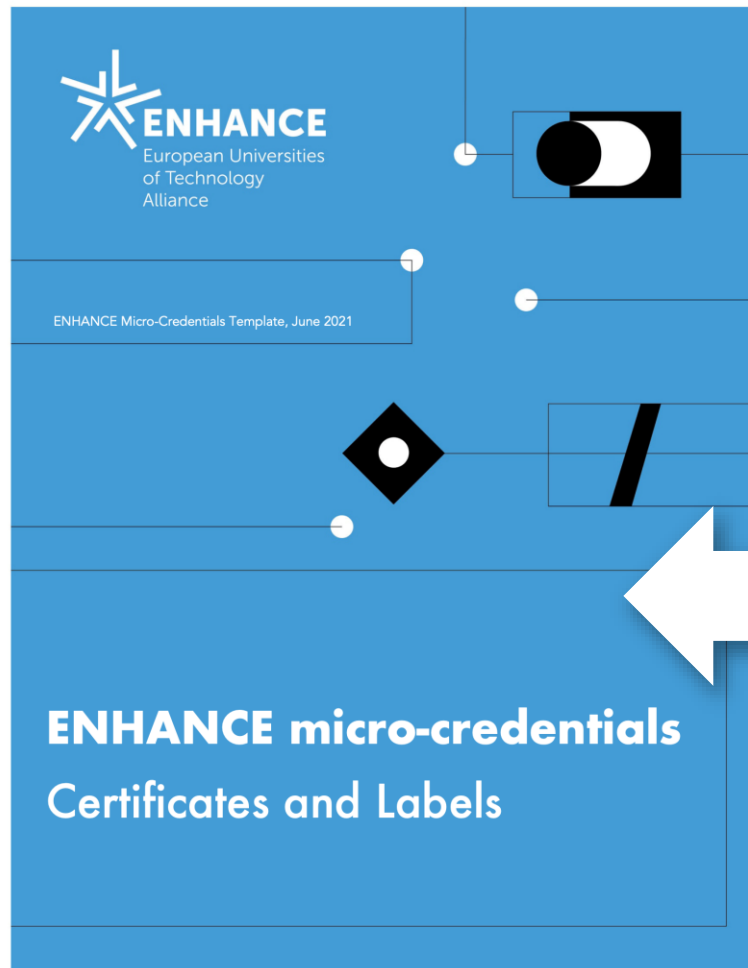


Opportunities for universities

- increasing level of internationalisation (% students having international experience) → unreachable with traditional Erasmus long-term mobility
- „agile“ higher education - fast reaction to (disruptive) changes, such as developments in AI
- widening the spectrum of prospective students/learners, including non-traditional learners
- staying competitive, facing educational offers of commercial providers of educational services (international companies)
- responding to requests from employers (shorter LLL formats)
- low-risk experimenting with new teaching and learning formats & innovative pedagogy



Joint framework: Common understanding



- basic concepts
- typology
- micro-credentials template (description of constitutive elements of micro-credentials)

C 243/10

EN

Official Journal of the European Union

27.6.2022

COUNCIL RECOMMENDATION

of 16 June 2022

on a European approach to micro-credentials for lifelong learning and employability

(2022/C 243/02)

THE COUNCIL OF THE EUROPEAN UNION,

Having regard to the Treaty on the Functioning of the European Union, and in particular Articles 149 and 292, 165 and 166 thereof,

Having regard to the proposal from the European Commission,

© ENHANCE alliance

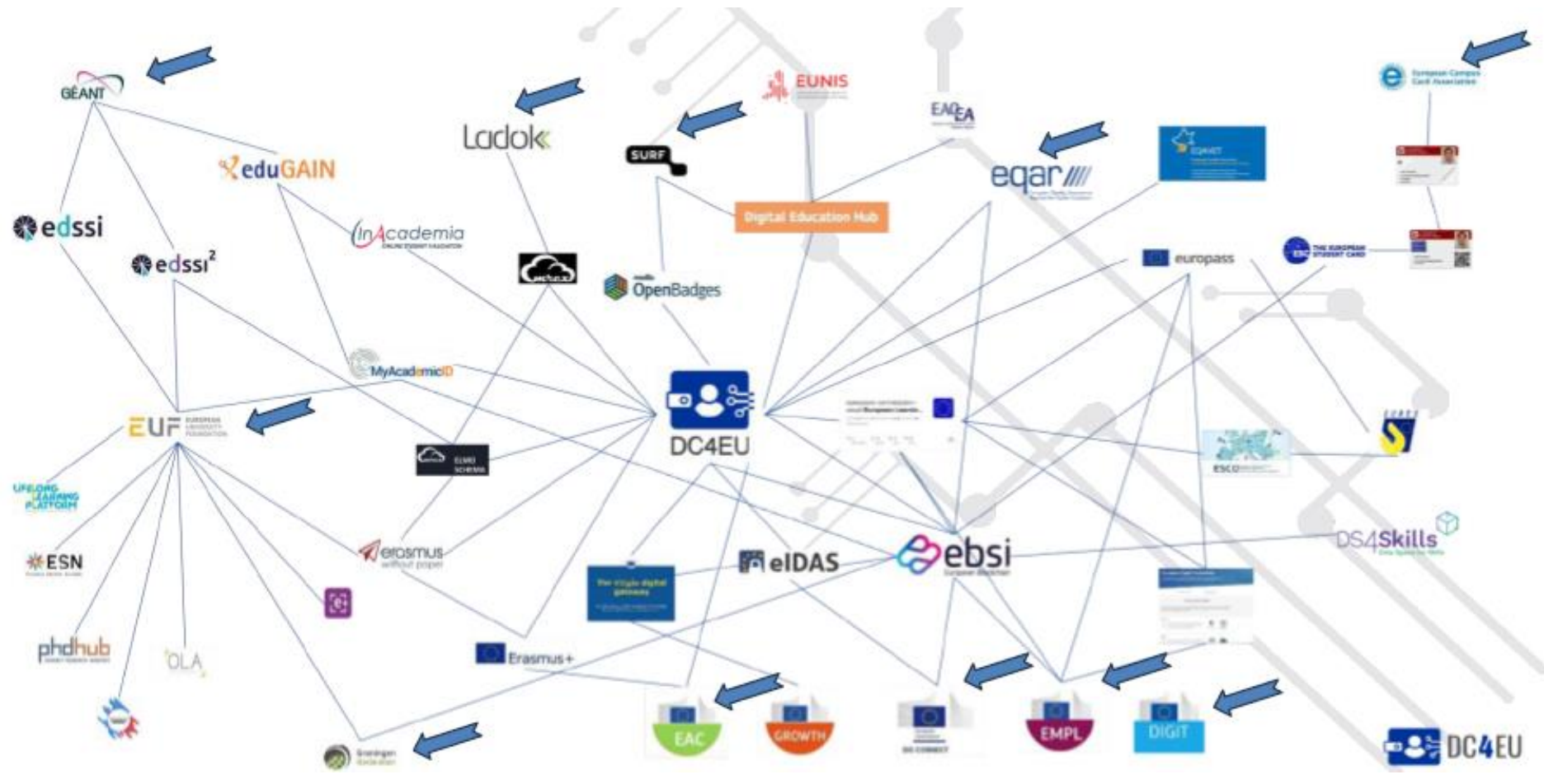


April 2022



Co-funded by
the European Union

EU education ecosystem: Key players involved





Micro-credentials and internationalisation: By-product or a strategic goal in its own right?



Co-funded by
the European Union



Micro-credentials are one of the *core strategic goals* of our alliance



Co-funded by
the European Union

ENHANCE strategically pilots micro-credentials as:

- testing ground for interdisciplinary, cross-institutional programs
- tool for tailored skill development that allows modularity and comprehensiveness in times of a changing labour market
- entry-point to introduce cross-disciplinary (life-long)-learning to students at an early stage



THANK YOU!



enhanceuniversity.eu



linkedin.com/company/enhancealliance



twitter.com/enhancealliance



instagram.com/enhancealliance



facebook.com/enhanceuni



ETH zürich



NTNU
Norwegian University of
Science and Technology



RWTHAACHEN
UNIVERSITY



TUDelft



Warsaw University
of Technology



Co-funded by
the European Union