Forum of good practices: skills and competencies in 4EU+

4EU+ Education Days, 20 June 2023

Global drivers

Coronavirus Crisis Impacts	Climate Change and Workforce	Urbanisation and Sustainability	Technological Changes	Political Uncertainty	Globalisation and Economic Shifts	Demographic Shifts
• Exposed need for individual and strategic skills • Accelerated digital skills demand	• Europe transitioning to climate-neutrality • Climate crisis disrupting labour market	• Challenges from rapid urbanisation • Cities as potential innovation hubs	• Impact on labour market due to AI, digitalisation, and remote work • Need for adaptability, resilience, and lifelong learning	• Increasing global uncertainty since 2007 • Political changes impacting business and individual decisions	• Redistribution of global wealth and power • Tech advances exacerbating developmental divides	• Aging population influencing labour market • Importance of career management skills

European Skills agenda

- = strategic plan designed by the European Commission aimed at improving and upgrading the skills of people within the EU to meet the needs of a rapidly changing society and economy.
- overall objective is to ensure that people in the EU have the training and education they need to participate fully in society and the economy.
- is implemented through a variety of programs and initiatives
- → upskilling, LLL, microcredentials

European Year of Skills

The Importance of Skilled Workforce:

Contributes to sustainable growth, innovation, and improved competitiveness

Offers better job opportunities and societal engagement

Key to a socially fair and just economic recovery and green/digital transitions

European Year of Skills:

Aims to put skills center-stage

Focuses on providing right skills for quality jobs and addressing skills shortages

Especially important for small and medium enterprises in the EU

How European Year of Skills Works:

Showcases skills development opportunities across Europe

Promotes easier recognition of qualifications across borders

Facilitates exchange of experiences and insights between organisations and individuals

Highlights how EU initiatives and funding can help

Events and Campaigns:

Organizes events and awareness-raising campaigns across the EU

Encourages participation from various stakeholders

4EU+ Graduate Skills, Competencies and Values portfolio

- corresponds to the profile of a 4EU+ graduate (open-minded, multilingual, exposed to multiculturalism and plurality of views, entrepreneurial, critical thinker, data literate and socially engaged).

- a new baseline for the European citizen

4EU+ Graduate Skills, Competencies and Values portfolio

Multilingualism

Data literacy

Critical thinking

Entrepreneurship

Social engagement

4EU+ Flagships

- concept of bottom-up approach

- international community of engaged scholars from various fields and disciplines

- address specific areas: SDGs highlighted in the UN and the EU missions

1 Urban Health and Demographic Change
4EU+ Flagship Programme

2 Europeanness: multilingualism, pluralities, citizenship
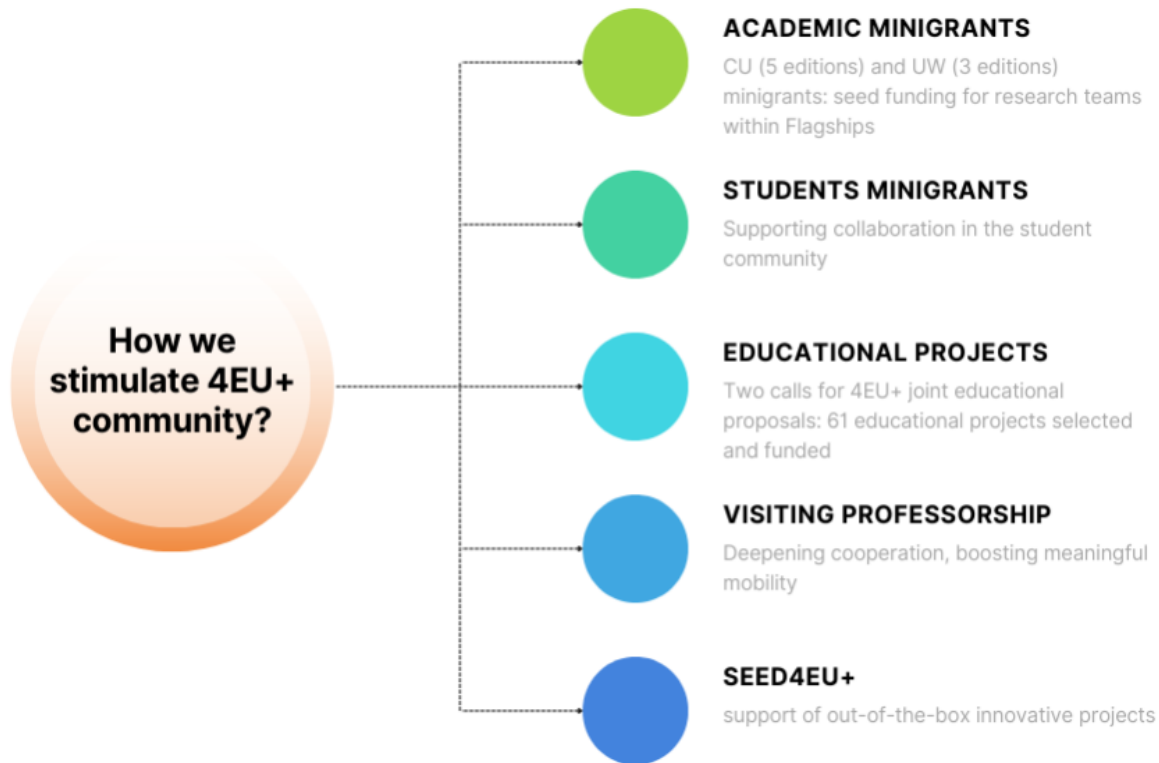4EU+ Flagship Programme

3 Digitisation, Modelling, Transformation
4EU+ Flagship Programme

4 Environmental transitions
4EU+ Flagship Programme

Support and stimulation of bottom-up activities

How have we built the potential based on the cooperation of our academics in recent years?

How we stimulate 4EU+ community?

ACADEMIC MINIGRANTS
CU (5 editions) and UW (3 editions) minigrants: seed funding for research teams within Flagships

STUDENTS MINIGRANTS
Supporting collaboration in the student community

EDUCATIONAL PROJECTS
Two calls for 4EU+ joint educational proposals: 61 educational projects selected and funded

VISITING PROFESSORSHIP
Deepening cooperation, boosting meaningful mobility

SEED4EU+
support of out-of-the-box innovative projects

Excercise and discussion

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**CODE:
123**

ON-SITE

- Divide into five groups (each group gets a number)
- Go to: https://padlet.com/vmichou/4EUplus2
- Your group number indicates which of the skill, you must consider for your discussion.
- Each group should consider the following questions (10 minutes):
  - How can you define the skill or competency e.g. critical thinking? Please elaborate.
  - In which ways can the skill be used actively in educational activities? Give concrete examples.
  - How does the labour market benefit from that particular skill or competency? Give concrete examples.
- Write the answers to the questions in the Padlet
- Each group presents its findings in brief (8 minutes)
- The online group joins the on-site group for a summary of the two Padlets (10 minutes)

ONLINE

- Go to a breakout room
- Go to: padlet.com/andra45/4euplus
- Each participant should consider the following questions (10 minutes):
  - How can you define the skill or competency e.g. critical thinking? Please elaborate.
  - In which ways can the skill be used actively in educational activities? Give concrete examples.
  - How does the labour market benefit from that particular skill or competency? Give concrete examples.
- Write the answers to the questions in the Padlet
- The findings are discussed in plenum (8 minutes)
- The online group joins the on-site group for a summary of the two Padlets (10 minutes)
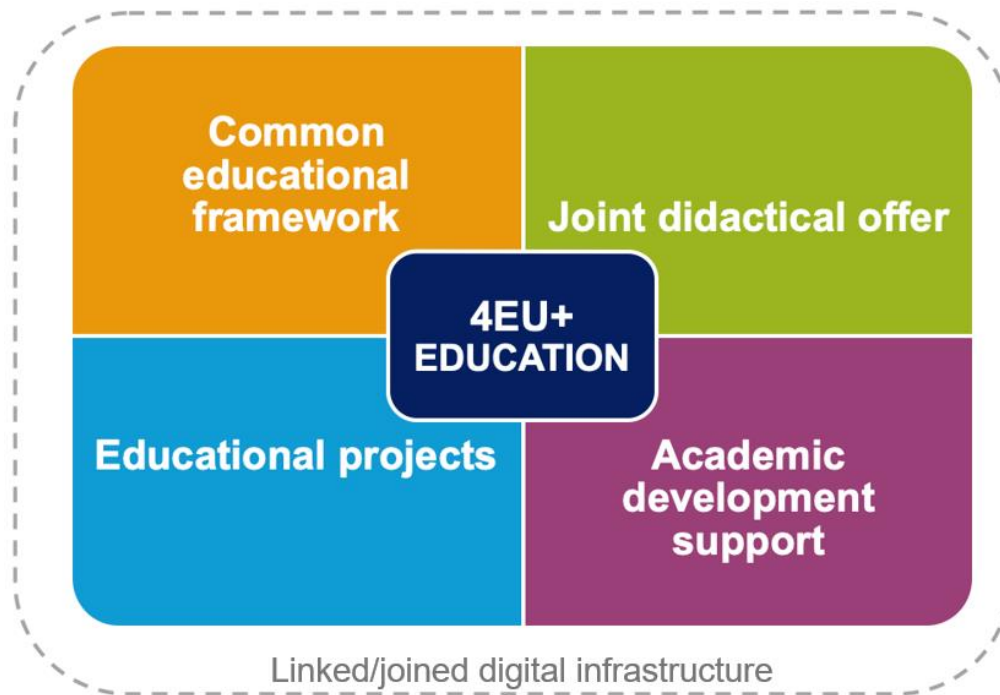
4EU+ tools to integrate skills and competencies

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4EU+ Education

Concept of the **4EU+ Graduate Skills, Competencies and Values portfolio**: five shared competencies
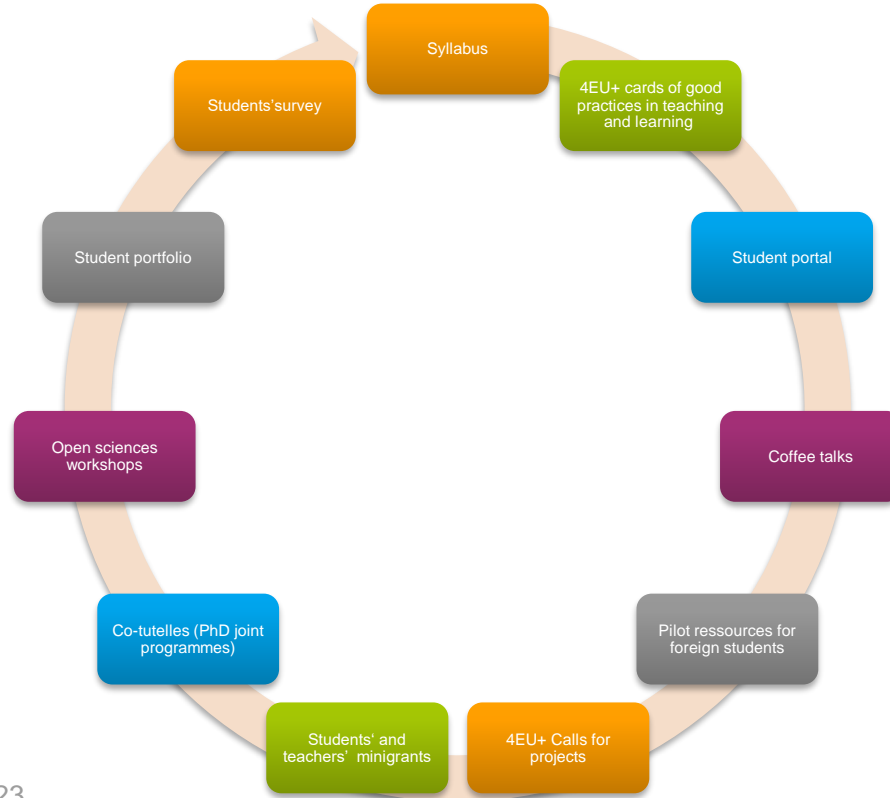
- **Innovative pedagogies**
- **Development of mobility** (short/long term, virtual, physical, combined)

Common educational framework

Joint didactical offer

4EU+ EDUCATION

Educational projects

Academic development support

Linked/joined digital infrastructure

- **Joint activities**: units of the education scope: event/course/module/microcredentials/joint programme
- **shared courses**

Workshops, consultations, materials etc. for academic teams and teachers

4EU+ tools to integrate skills and competencies

4EU+ tools to integrate skills and competencies - Academics

Course's syllabus (mandatory information for all shared or joint courses)

- Explains the teaching and learning decisions made by the teaching team (the structure of the course, the teaching and learning methods, the assessment methods and criteria, etc.)
- Students learn more about the course (learning objectives, intended learning outcomes, prerequisites, requirements for class participation, the bibliography, etc.)

4EU+ cards of good practices in teaching and learning

- Key terms that outline leading 4EU+ educational concepts (Research-based education, active learning, critical thinking, self-directed learning, intercultural and inclusive education, self-oriented education)
- User friendly cards proposing the 4EU+ definitions, suggestions, examples of good practices as well as links towards explicative resources
- 4EU+ cards supports the incorporation of 4EU+ skills and values into 4EU+ classrooms

4EU+ tools to integrate skills and competencies - Academics

4EU+ calls
- 4EU+ calls developed towards sustainable cooperation to promote joint activities in education, research, professorship
- Key elements: competence-oriented approach for students and staff enhancing the 4EU+ Graduate Skills, Competencies and Values portfolio during the projects' implementation

Co-tutelles (joint doctoral programmes)
- Pilot call for joint doctoral programmes with director / co-director from the partner universities (SU, CU, UNIMI) and a 3rd expert member
- Enhance collaboration in research for PhD students and researchers
- Facilitate early stage researcher's mobility

Coffee talks
- For teachers, students and experts to exchange on best practices, educational activities, challenges and course excellence that can be enriched by concrete field experiences.
- In virtual format in order to allow an enlarged participation for a better integration of the 4EU+ community.

4EU+ tools to integrate skills and competencies - Students

Student's and teachers minigrants
- Seed funding for strengthening research cooperation and create a safe and strong 4EU+ community to face the unknown challenges for our time.
- Intercultural and multilingual interdisciplinary teams from the 4EU+ universities
- Open to academic staff and students

Student portal
- a place where students find all the information they need for the educational opportunities within the Alliance
- A new project still in progress with the help of the students, a facilitated navigation for the user and a great tool to become

Pilot resources for foreign students
- Enhance multiculturalism and multilingualism facilitating students' mobility
- Introduce our students to Alliance universities (the pilot is for a single university)
- To give an initial overview of each university to foreign students who might be interested in a long or short mobility, which could lead to future collaborations

4EU+ tools to integrate skills and competencies - Students

Student portfolio

- 4EU+ learning portfolio concept coherent with the 4EU+ student profile → it demonstrates that students acquired skills and competencies in regards to this profile and at what level.
- It documents learning to foster self-reflection, to assess students on courses developing the shared competencies, to showcase their results

Open science workshops

- Series of trainings to discover and explore all aspects of Open Science (from the redaction of an scientific article until its publication)
- Students, PhD students, researchers and staff can work on Research Integrity, open access and Open licenses, predatory publishers, research for open access works, etc.
- Researcher ID visibility, FAIR (Findable, Accessible, Interoperable and Reusable) research data

Students' survey

- 4EU+ QMS developed surveys to assess how students will evaluate the quality of the educational activities according to the Alliance's goals and the quality of stays abroad (virtual and physical).
- Among the criteria assessed ☐ *Imparting 4EU+ specific competences* to evaluate the impact of the courses in relation to each of the five shared competencies

Project	University	Flagship	Form	Presented by
Resilient Cities	Charles University	Flagship 1	online presentation	Luděk Sýkora
PharmacoEpi	Sorbonne University	Flagship 1	online presentation	Jullien Kirschgesner
Digital + X (e-health, e-environment, e-SDG...) and Coding dojo	University of Geneva	Flagship 3	online presentation	Giovanna Di Marzo
VirtChem	University of Milan	Flagship 3	online presentation	Carlo Pirola
Multilingualism learning pathway	Heidelberg University	Flagship 2	online presentation	Vahram Atayan, Bogdan Babych
Collegio Futuro	University of Warsaw	Flagship 4	onsite presentation	Anna Bakowska
Teaching methods to encourage students to study EU-related disciplines	Ivan Franko National University of Lviv		onsite presentation	Olga Sych

Thank you!

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