Microcredentials at 4EU+

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Charles University 26-11-2024

1. Mission statement 2019

2. Position paper 2022

3. Answer to Erasmus call on MC june 2024 : MICI

4. Deliverable in october 2024 on a conceptual Framework for Micro-Credentials within the 4EU+ Alliance

5. Piloting the Entrepreunership-Entrapreunership course

Develop a common challenge-based framework for education

- Addressing social challenges are making the traditional, one-off, discipline-based degrees obsolete.

- In a world in which tomorrow's jobs have not yet been invented, students need lifelong learning, competency-based, challenge-oriented international programmes.

- They need to be able to personalise their education, choosing what to study and when, combining full degrees with **micro-credentials.**

Key consideration

- A Standardized EU-Approach : collaboration accross borders and portability

- A Common Understanding :
  - 1 and 15 ECTS in volume, institutionnal decision making
  - Transdisciplinary
  - Alignement between learning outcomes (challenged based as much as possible)
  - Target groups : LMD
  - Digital portability

Key consideration

- Design & Issuance of Micro Credentials
  - Transparency: In regard to credit load, the Alliance will use ECTS. Micro- credentials may be included in national qualification frameworks/systems
  - Relevance: 4EU+ micro- credentials will respond to the needs and challenges of society and aim to be interdisciplinary and foster transversal and transferrable skills.
  - Valid assessment:
  - Learning pathways: provide flexible learning pathways
  - Recognition: for academic or employment purposes
  - Portability : interoperability, seamless exchange of data, and allow for easy
  - Learner-centredness:
  - Authentication:

- Future Implementation of Micro Credentials within 4EU+
  - For students and professionals

Objective:

[…] support reforms and policy impact in Member States and/or third countries associated to the Programme in the implementation of the Council Recommendation of 16 June 2022 on a European approach to micro-credentials for lifelong learning and employability.
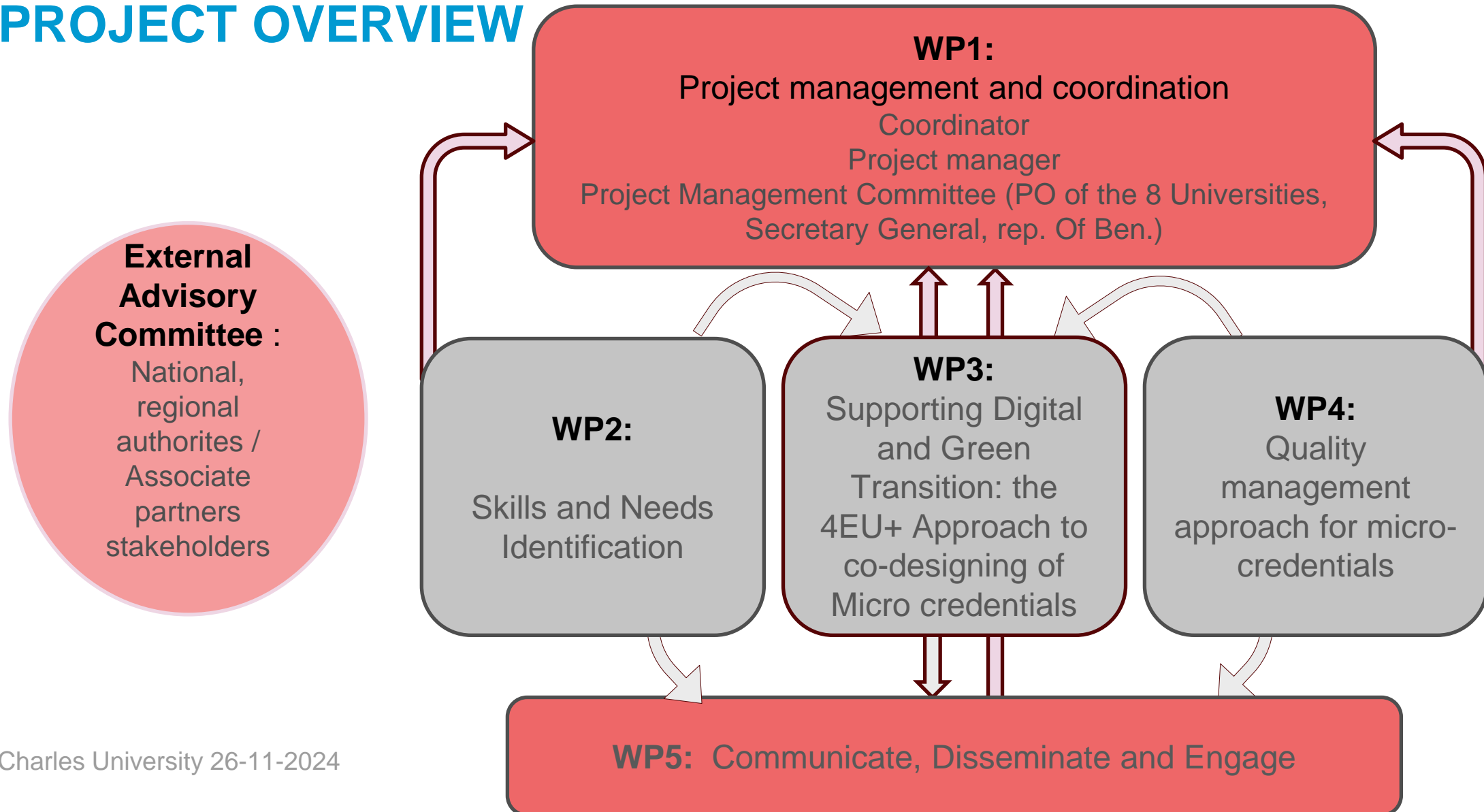
Partners:

- 11 partners (8 4EU+ Universities, 4EU+ Association + CCI Paris + Czech Ministry)

- + 10 associated partners (several chamber of Commerce, national accreditation agencies, industries…)

TOPIC 5: MICRO-CREDENTIALS - ERASMUS-EDU-2024-POL-EXP-MICRO-CRED – MC for GREEN and DIGITAL TRANSITION

- Project Objectives:

  1. Establish a Pan-European Framework for Development and Recognition of Micro-Credentials

  2. Design and Implement Targeted, Accessible Micro-Credential Courses

  3. Enhance Knowledge and Skills Base

  4. Demonstrate European Added Value and Promote Systemic Change

  5. Foster Stakeholder Engagement and Dissemination

PROJECT OVERVIEW

External Advisory Committee :
National, regional authorites / Associate partners stakeholders

WP1:
Project management and coordination
Coordinator
Project manager
Project Management Committee (PO of the 8 Universities, Secretary General, rep. Of Ben.)

WP2:
Skills and Needs Identification

WP3:
Supporting Digital and Green Transition: the 4EU+ Approach to co-designing of Micro credentials

WP4:
Quality management approach for micro-credentials

WP5: Communicate, Disseminate and Engage

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WP2: Identify skills and needs

- Identifying the reskilling and upskilling needs of specific demographics (learners on e.g. bachelor or more advanced level).
- Analysing and mapping of the identified needs to explicitly highlighting skill gaps
- Pinpointing different demographics' (learners) needs in terms of educational approaches
- Creating a flexible needs model

Industry partners will be brought by the three Chambers of Commerce, the Assolombarda confindustria di Milano, the City of Warsaw, the Metropolregion Rhein-Neckar GmbH, the social partners (GIM-Paris Ile de France) and companies like SUEZ, Essilor Luxottica, KPMG, SAP and BioRN.

WP3: Design micro credential approach starting with existing learning pathways

- Building a comprehensive catalogue of the 4EU+ Alliance learning modules capable of meeting the reskilling and upskilling needs assessed in WP2

- Defining the 4EU+ Approach for MCs on green and digital competencies and skills, by (i) piloting the methodology already applied for the purpose of the 4EU+ curriculum on Entrepreneurship

- Activating the 4EU+ pedagogical framework and cooperative schemes

- Enabling graduates and undergraduates to make autonomous and informed choices about how to meet their own upskilling and reskilling needs

WP4: Improve micro credentials pilot approach

- Generate the groundwork for integrating micro-credentials into the existing quality management system of the 4EU+Alliance, 4EU+QUALITY
- Document and analyse quality assurance systems at all individual member institutions about existing approaches on micro-credentials
- Examine and analyse existing approaches and recommendations on quality management of micro-credentials to align with European and international standards.

Public Authorities (e.g., Ministry of Education forms Czech Republic, Evaluation Agency like Hcéres in France and accreditation agency in Poland) and the President of the "Comité de suivi LMD" of the French Ministry of Higher Education, will provide guidance on the regulatory frameworks and standards that the micro credentials must adhere to.

- **Understanding micro-credentials in 4EU+**
  - Flexible components in degree programmes
  - Time-sensitive, professional up-skilling and re-skilling

- **Strategic development of micro-credentials in 4EU+**
  - Strategic and labour market alignment
    - 1. Multi-lingualism
    - 2. Critical thinking
    - 3. Data literacy
    - 4. Social engagement
    - 5. Entrepreneurship
  - Course development template
  - Modulization, stackability

- **Collaborative Ecosystems**
    - Stakeholder Co-construction
    - Synergies across segments
    - Innovative Educational Practices and National Frameworks
- **Ensuring Quality and Relevance in Micro-Credential**
    - Quality Assurance
    - Co-Development and Lead Institution Model
    - Model for partner university lifelong learning collaboration
        - If two universities partners work together : revenue model
        - If three universities partners work together
        - If two alliance universities are cooperating

- Model for partner university lifelong learning collaboration
  - If two universities partners work together : revenue model
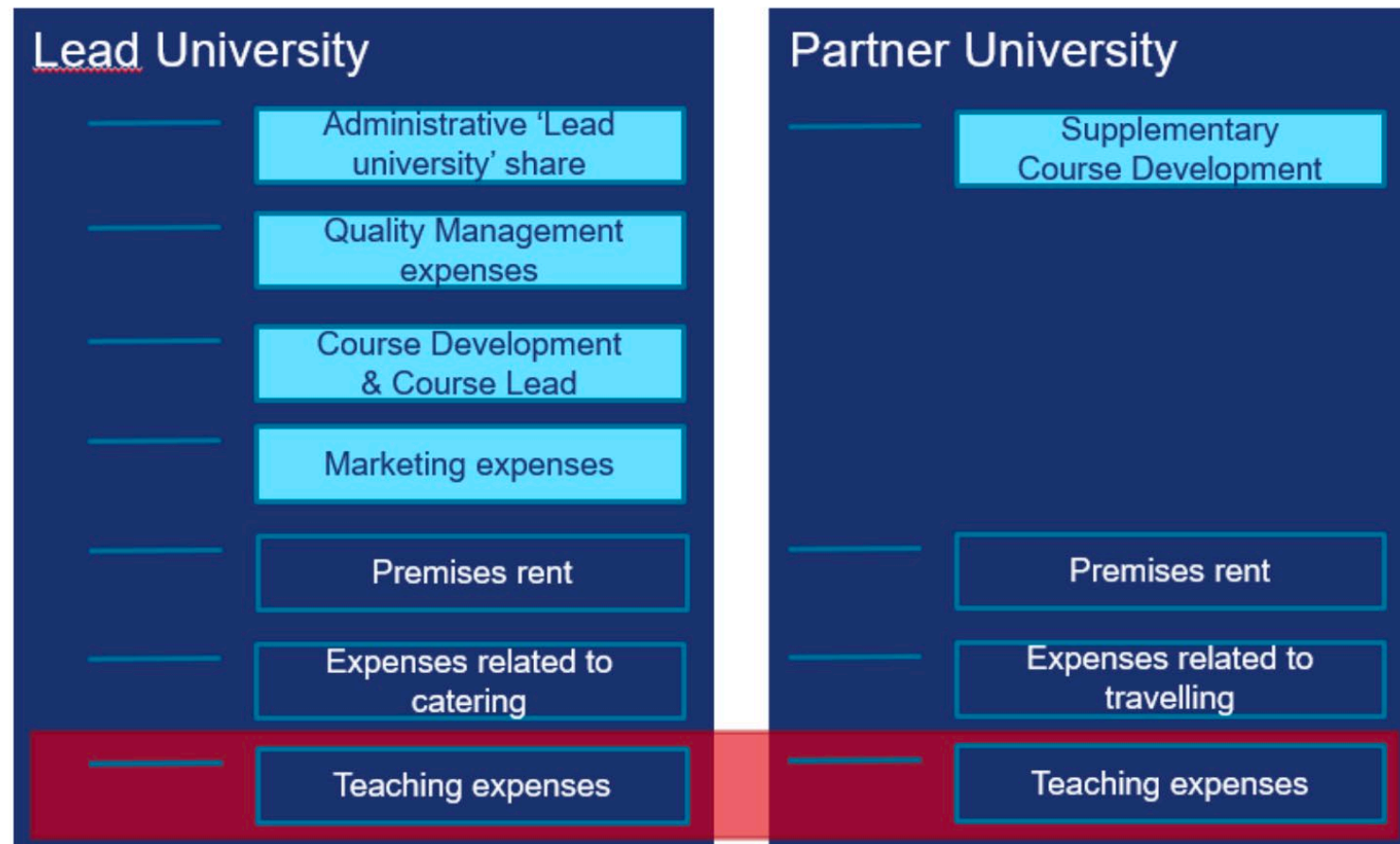
SORBONNE UNIVERSITY

UNIVERSITY OF MILAN

UNIVERSITY OF HEIDELBERG

UNIVERSITY OF WARSOW

SAFRAN

EDISON

ROCHE

KPMG

30 STUDENTS

60% PhD

+ 10 NATIONALITIES

Closing bootcamp   Heidelberg   June 2024   YouTube

1 proposal for a startup for the international team !

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4eu+

SORBONNE UNIVERSITY	SUEZ	+65 CANDIDADATES 4EU+
UNIVERSITY OF MILAN		
UNIVERSITY OF HEIDELBERG	SAP	+ 75 FRENCH CANDIDATES
UNIVERSITY OF WARSAW		LARGE DIVERSITY OF PROFILES
UNIVERSITY OF GENEVA	GEORG FISCHER	MAJORITY OF PHD
CHARLES UNIVERSITY	RENAULT	SOME CASES OF RESKILLING

+
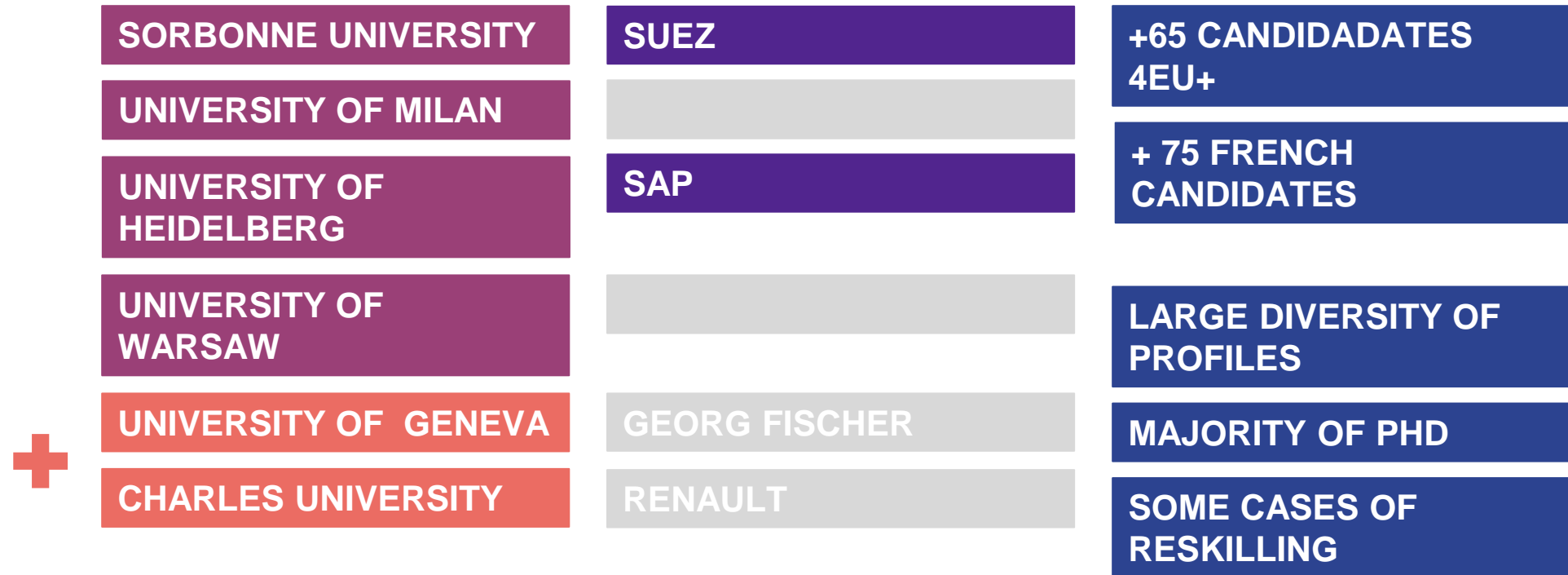
Updates about the course

Case study: Piloting the allocation of microcredentials at SU for the existing course

- Pantheon Assas will joint next year and add a green legislation component as well as a European IP module.

- Ensure the fine tune of splitting into stakable microcredentials
- Define the intended learning outcomes for each new component (ESCO)
- Choose a certification platform

- Microcredentials are a very important topic in 4EU+ Alliance

- We will start delivering soon some whatever the results of the E+ call