

# MOOC-based Micro-Credentials for teacher professional development



# Elevating educators with Micro-Credentials

Educators in any field or sector play an immense role in shaping the skills and competences of 21st - century learners. To fulfill this mission effectively, in-service teachers need to continually enhance their qualifications by having access to up-to-date, flexible, and demand-oriented training provisions. The partner countries of CRED4TEACH – Albania, Montenegro, and Ukraine – are currently facing a common challenge to modernize training programs for in-service teachers in terms of content, design, delivery formats, and recognition and validation opportunities.

CRED4TEACH's overarching goal is to empower teacher training providers and national educational decision-makers in Albania, Montenegro, and Ukraine to create and validate short, flexible formal learning courses or programs for in-service teachers, allowing for a targeted acquisition of skills and competences, known as MICRO-CREDENTIALS. Furthermore, CRED4TEACH's micro-credentials will be designed using a MOOC-based (Massive Open Online Courses) instructional approach that allows for time and space flexibility, learner interaction, and self-paced learning.



## Result 1

# Upskilled MOOC and Micro-Credentials designers

To empower teaching and administrative staff from CRED4TEACH partner institutions in Albania, Montenegro, and Ukraine to design, develop, and validate MOOC-based micro-credentials for educators, European partners will design and deliver training sessions to at least 46 selected staff members. Two different training activities for diverse target groups are envisaged:

- Training TOWARDS BECOMING A MOOC DESIGNER (lead Anadolu University) targeting teaching staff;
- Training DESIGN AND VALIDATION OF MICRO-CREDENTIALS (lead Universidade Aberta) directed to relevant decision-makers (such as Rectors, Vice-Rectors for Quality and Research, Heads of Quality Departments).





## Result 2

# National and Institutional Frameworks for Micro-Credentials

Three national frameworks to be developed by CRED4TEACH partners from National Quality Agencies in Albania, Montenegro, and Ukraine will encompass relevant national regulations for the provision, recognition and validation of micro-credentials for teacher professional development within the respective country. They will be accepted at national levels and will serve as a reference instrument when designing pilot micro-credentials in the CRED4TEACH project.

In the next step, eight institutional frameworks for the delivery and issuance of MOOC-based micro-credentials describing the technical and technological infrastructure for the development and delivery of such credentials will be crafted. They are considered relevant quality assurance tools when offering micro-credentials at institutional level.



### Result 3

## MOOC-based Micro-Credentials

11 pilot MOOC-based short learning courses for the professional development of teachers in Albania, Montenegro, and Ukraine will be developed and delivered to at least 220 teachers. These courses will be characterized by:
















- Innovative contents,
- Flexible delivery formats,
- Innovative recognition of learning outcomes.

### Result 4

## Blueprints for Micro-Credential adoption

The blueprints will reflect the CRED4TEACH experience with the implementation of MOOC-based micro-credentials and provide recommendations to national educational decision-makers and other stakeholders, including higher education institutions, teacher communities, non-governmental organizations, public bodies, and enterprises, for the uptake and utilization of micro-credentials in Albania, Montenegro, and Ukraine.

# CRED4TEACH Partnership

-  University of Applied Sciences
-  Portuguese Open University
-  Tallinn University
-  Anadolu University
-  Ukrainian Engineering Pedagogics Academy
-  Cherkasy State Technological University
-  Bogdan Khmelnytsky Melitopol State Pedagogical University
-  Drohobych Ivan Franko State Pedagogical University (Drohobych)
-  National Qualifications Agency
-  University Ismail Qemali Vlore
-  University of Shkodra Luigj Gurakuqi
-  Quality Assurance Agency of Pre-university Education
-  University Mediterranean Podgorica
-  University of Montenegro
-  Agency for Control and Quality Assurance of Higher Education



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