

EUROPEAN DIGITAL CREDENTIALS FOR LEARNING

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International Peer Learning Activity:

Micro-credentials – implementing council recommendation and digital credential frameworks

Innsbruck, December 12, 2022



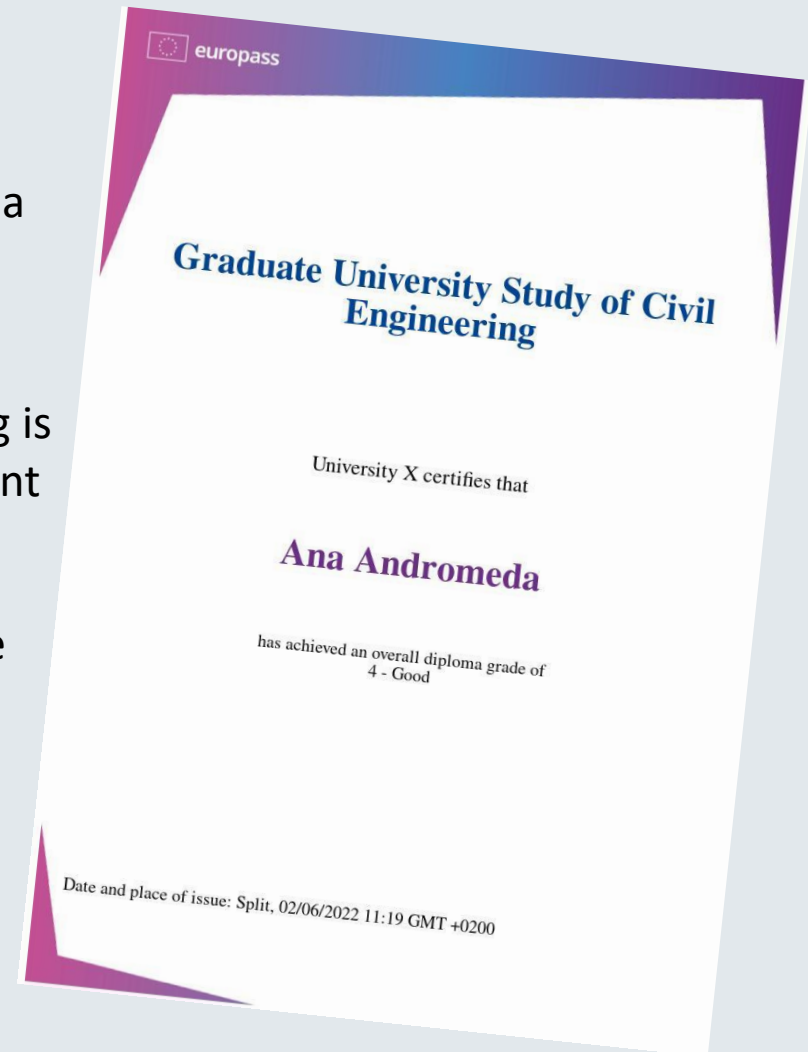
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Kofinanziert von der Europäischen Union

Definition

- A credential, in its most essential form, is a documented statement containing claims made about a person.
- A European Digital Credential for Learning is a claim related to the learning achievement of a person.
- A digital signature (e-Seal) guarantees the origin and integrity of the document.



Why does the EC need a digital credential initiative?

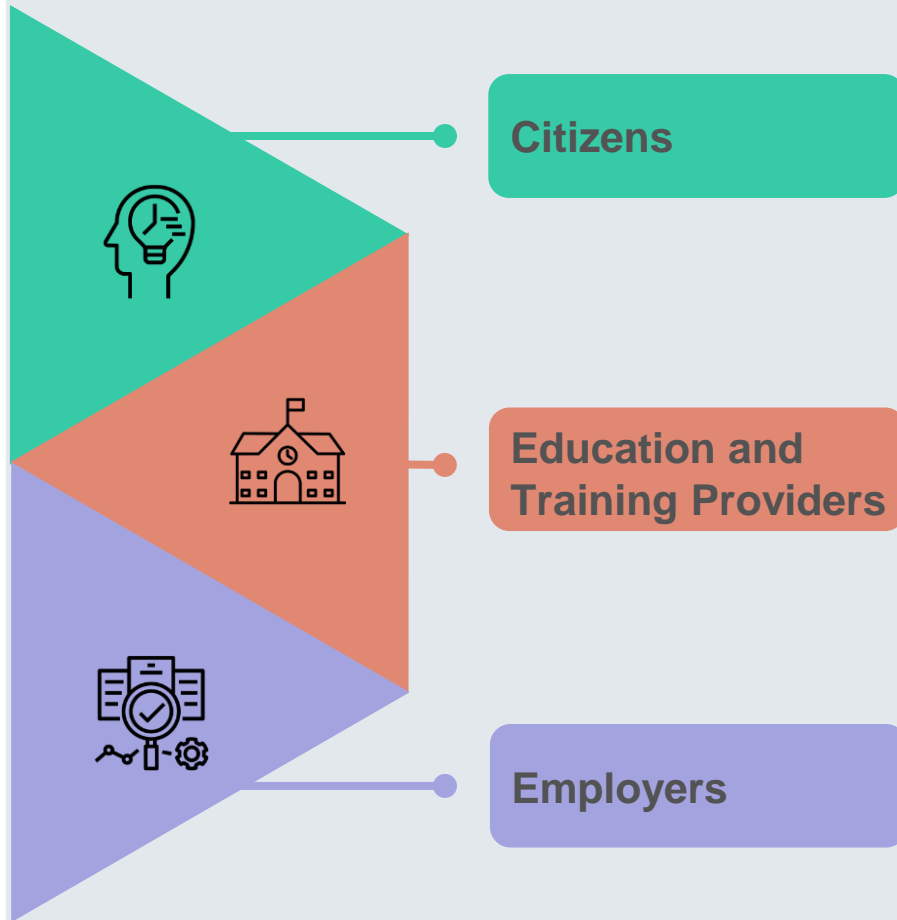
OBJECTIVES

- Empower citizens to own their credentials
- Reduce market fragmentation
- Create an EU Skills Data Space
- Make digital credentials multilingual by default
- Remove barriers to recognition
- Provide accreditation & transparency tools

BENEFITS

- Captures formal, non-formal & informal learning
- Addresses all levels of education
- Applicable to the whole course lifecycle
- Interoperable
- Aligned with European recognition instruments
- Free & open source

Stakeholder benefits



Citizens

- can build an online portfolio to track their learning
- can easily utilise their credentials to get a job or apply for further training all across Europe
- can present and have their credentials verified at any point in their career

Education and Training Providers

- can build EU standard compliant credentials
- can reduce their costs of issuing credentials after an initial investment into transforming from paper to digital
- can better understand credentials from other Member States as EDC utilises standards, and content can be navigated in 29 languages

Employers

- can reduce the time and cost of processing job applications
- can better understand foreign credentials as EDC utilises standards, and can be viewed in 29 languages
- can run instant, automatic authentication and verification checks to see if a credential has expired or was tampered with

Example

EN

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Graduate University Study of Civil Engineering - Diploma Supplement

Valid from: 20/09/2019 00:00 GMT +0200
Expiry date: 31/12/2100 00:00 GMT +0100
Type: Diploma Supplement (Mandated Issue)

Home
Export
Upload another credential

Share
English

Ana Andromeda

Master of Science in Civil Engineering ▼

Recognition for credit

Postgraduate doctoral study

Civil engineer

Europass diploma supplement

This Diploma Supplement model was developed by the European Commission, Council of Europe and UNESCO CEFES. The purpose of the supplement is to provide sufficient information data to support the international transparency and fair academic and professional recognition of qualifications (diplomas, degrees, certificates etc.)

1. Holder of the qualification

1.1 Family name Andromeda	1.2 First name Ana
1.3 Date of birth (YYYYMMDD) 02/09/1999	1.4 Student ID number or code 12345678901234567890

2. Issuing organisation

2.1 Name of institution [Redacted]	2.2 Country Poland
2.3 Address [Redacted] [Redacted] [Redacted]	

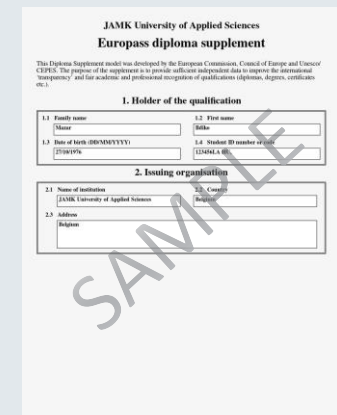
Authentication and Verification Check

- ✔ **FORMAT**
This credential is technically valid.
- ✔ **SEAL**
The credential is Sealed by Nombre Servicio Sellado TEST. This credential has not been tampered with since issue.
- **REVOCAION**
Verification step skipped
- ✔ **ACCREDITATION**
This credential is accredited
- ✔ **VALIDITY**
The credential is still valid.
- ✔ **VERIFIED**

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Types of Digital Credentials

- **Generic credentials** (documented statement containing claims made about a person's learning)
- **Qualifications** (e.g., professional certificates, university diplomas, VET diplomas, and diploma supplements)
- **Activities** (e.g., participation in classes and non-formal learning events),
- **Assessments** (e.g., transcripts of records), and
- **Entitlements** (e.g., right to enrol in learning opportunities, or to undertake an occupation)



Functions



Issue

credentials and send them to their owners

Any standard compliant issuer can award info-rich, tamper-evident digitally signed credentials (fast, free and paperless)



Store

credentials securely in a single online or offline wallet

EDCs can be directly deposited into any standard compliant credential wallet



Verify

if the credential is authentic, valid and issued by an accredited organisation

Instant, automatic authentication and verification checks verify credential's authenticity, validity, integrity and issuer's accreditation status (if applicable)



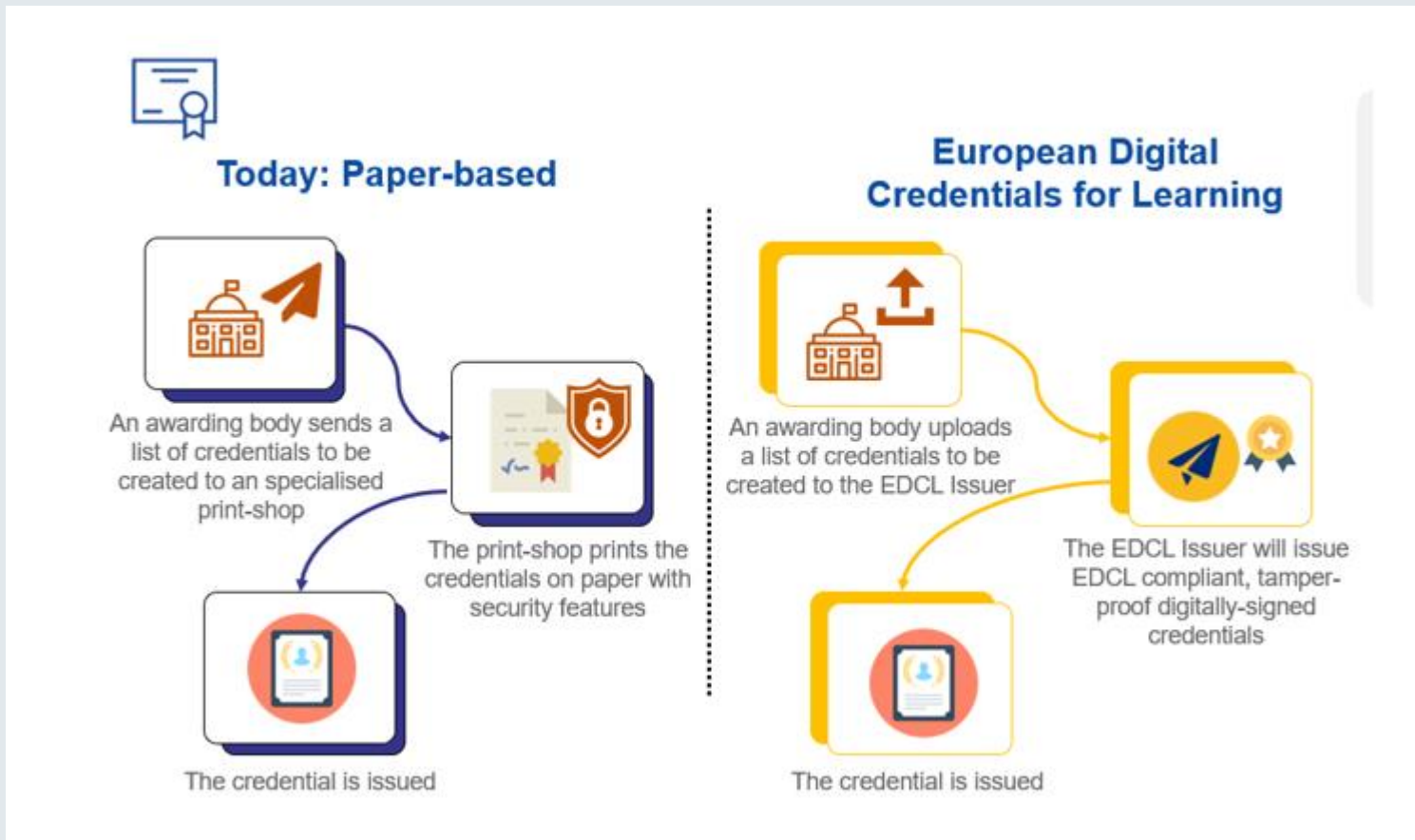
Share

the information in the credential with any other person or organisation with just a click

Owners can share their EDC(s) from any standard compliant wallet securely by custom links for fixed time periods



Issue



Store



Today: Paper-based



The credential owner picks up the credential from the awarding body

and/or



The awarding body sends the credential via registered delivery method



The credential owner securely stores the credential

European Digital Credentials for Learning



The credential is sent to the credential owner

and/or



The credential is directly deposited into the credential owner's Wallet



The credential is indefinitely and securely stored in the wallet

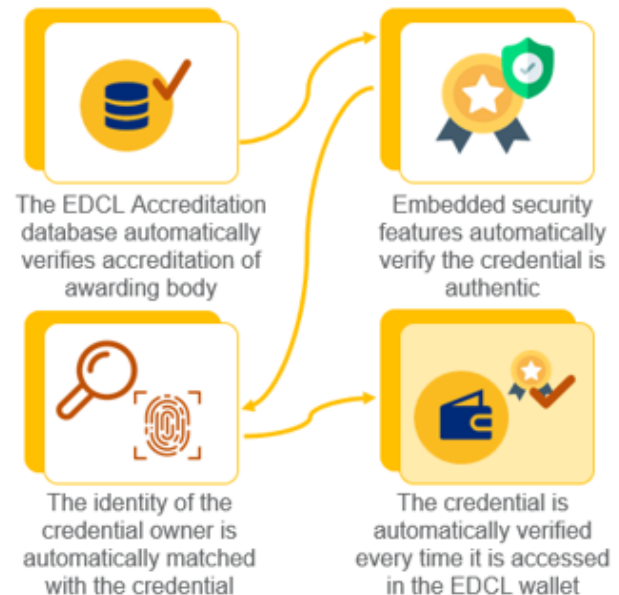
Verify



Today: Paper-based



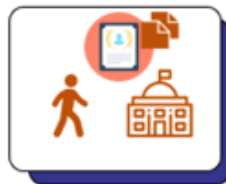
European Digital Credentials for Learning



Share



Today: Paper-based



The credential owner requests a new certified copy of the credential from the awarding body



The credential owner sends or presents the copy of the credential to the requester

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The credential owner shares a link to the credential in their Wallet

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