

A top-down view of a collaborative workspace with several people's hands reaching towards the center. The desk is cluttered with laptops, notebooks, pens, and coffee cups. The entire image has a light blue tint.

Digitally-Signed Credentials in the new Europass

Europass and Digitally-Signed Credentials policy-perspective

Action 3 of the [Digital Education Action Plan](#) (Jan 2018) established that the way forward to make **better use of digital technology** for teaching and learning encompasses an action to:

“Provide a framework for issuing digitally-certified qualifications and validating digitally-acquired skills that are trusted, multilingual and can be stored in professional profiles (CVs) such as Europass. The framework will be fully aligned with the European, Qualifications Framework for Lifelong Learning (EQF) and the European Classification of Skills, Competences, Qualifications and Occupations (ESCO)”

The [European Skills Agenda](#) is a five-year plan to help individuals and businesses develop more and better skills and to put them to use. It includes 12 actions, of which **Action 11** is the **New Europass** platform, supporting people to manage their learning pathways and career development.

Action 11: New Europass platform

The new Europass platform will support people to manage their careers in a fast-changing labour market. With modernised tools and information on learning and working in Europe the upgraded tool will:

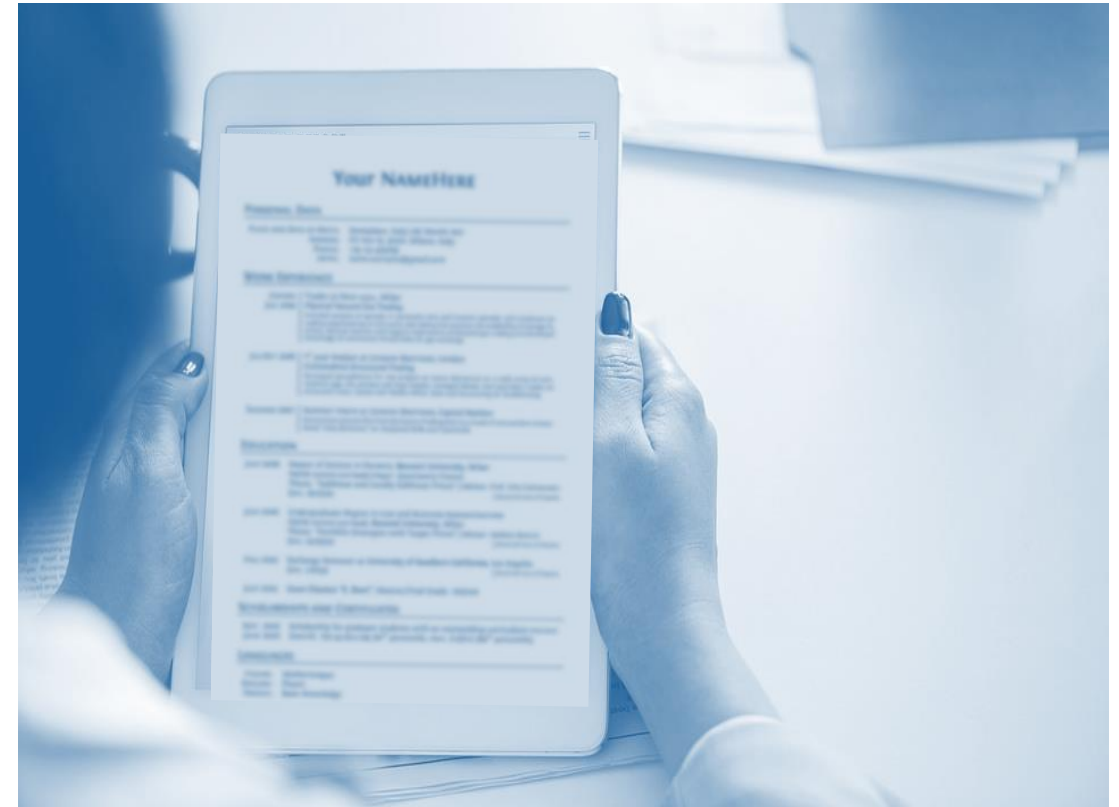
- guide users to assess and describe their skills and communicate their qualifications and experience to training providers and employers, so they can take the next step in training or work;
- suggest to Europass users relevant jobs (via EURES⁵² and Euraxess⁵³ jobs portals) and learning opportunities;
- make use of skills intelligence to provide tailored information on skills trends and needs to users when planning a change of career or moving to another country;
- enable education and training institutions to issue digital diplomas and certificates to learners in a European-wide digital format of 'Europass Digital Credentials', encouraging easier recognition;
- support a "fast track" to recognition, reducing administrative burden and decreasing fraud by supporting automatic authentication of qualifications by employers and training providers; and
- support legally residing migrants to showcase their skills and qualifications and facilitate their recognition through better information⁵⁴. The EU 'Skills Profile Tool for Third Country Nationals' currently used in reception centres and by organisations guiding and supporting the integration of asylum seekers and refugees will be linked to the new Europass.

Daniela has been working in a variety of jobs as a car mechanic since leaving high school and is unsure what to do next with her career. Thanks to the new Europass, Daniela can create a personal Europass profile to record all her skills and experiences and store her diplomas and certificates. Europass will suggest jobs and courses to Daniela and she can access information on guidance services near her, as well as information on studying and working across the EU.

Framework for digitally-signed credentials

definition of a digitally-signed credential

- A credential, in its most essential form, is a **documented statement** containing claims made about a person.
- A Europass **learning credential** describes that the owner has certain skills or has achieved certain learning outcomes through formal, non-formal or informal learning context.
- A **digitally-signature (e-Seal)** guarantees the origin and integrity of the document.
- The **Europass Learning Model** allows interoperability of Learning Opportunities, Qualifications and Credentials in Europe and supports a fast track to credential recognition, reducing administrative burden and decreasing fraud by supporting automatic authentication of qualifications by employers and training provider.



Framework for digitally-signed credentials

Functions



Identify

Learners who will be awarded the credential



Issue

credentials and send them to their owners



Store

credentials securely in a single online or offline wallet



Verify

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



Share

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

Framework for digitally-signed credentials

a European Digital Credentials Infrastructure (EDCI)

This infrastructure encompasses the technical specifications to implement the framework. The EDCI comprises of core building blocks to help operationalise the framework:



eIDAS



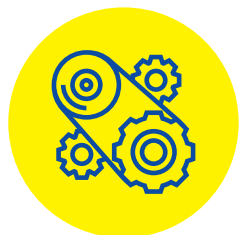
Standards



Services



Software



Interoperability



Use Data Model



Issue Credentials



Develop own applications



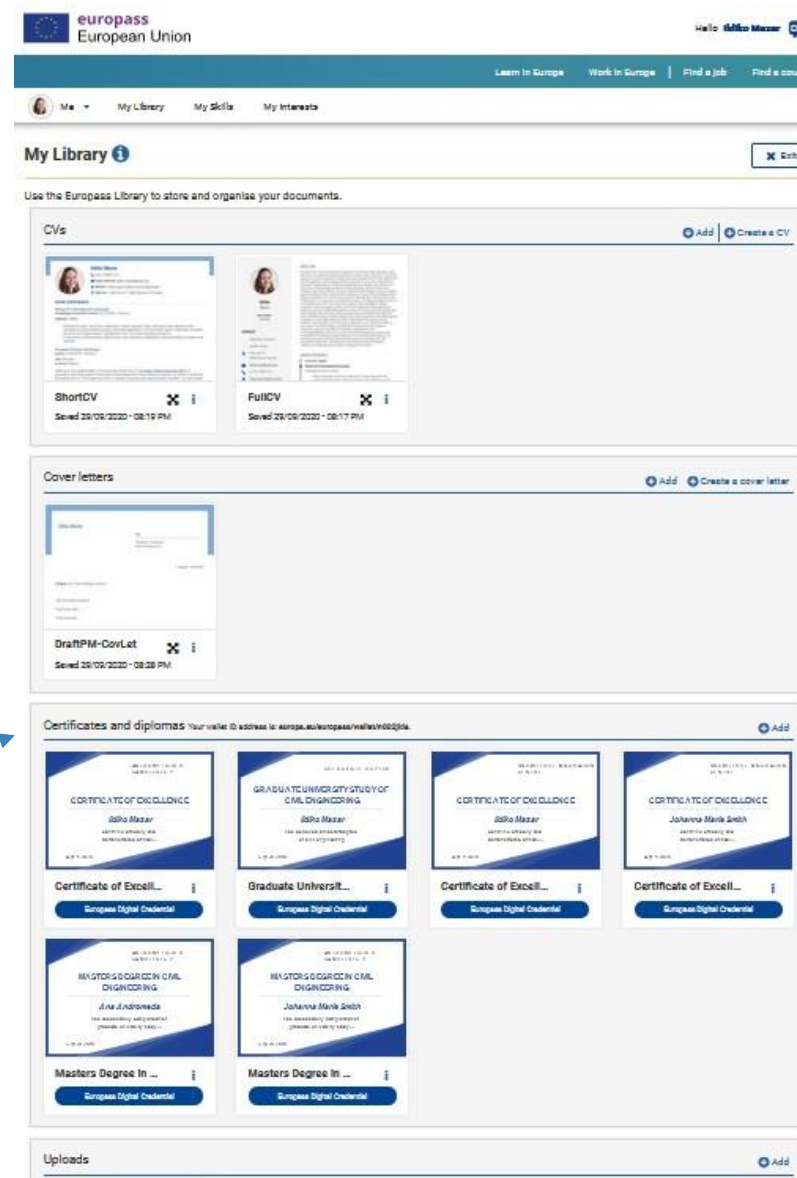
Europass (available in 29 languages)



Access to 2 million wallets



Access to Qualification and Awarding bodies data



The screenshot shows the 'My Library' section of the Europass platform. At the top, there's a navigation bar with 'Learn in Europe', 'Work in Europe', 'Find a job', and 'Find a course'. Below that, the user's profile 'Me' is visible, along with 'My Library', 'My Skills', and 'My Interests'. The main content area is titled 'My Library' and includes a sub-header 'Use the Europass Library to store and organise your documents.' There are three main sections: 'CVs' (containing 'ShortCV' and 'FullCV'), 'Cover letters' (containing 'DraftPM-CovLet'), and 'Certificates and diplomas' (containing several digital credential cards for 'Certificate of Excellence', 'Graduate University Study of Civil Engineering', and 'Masters Degree in ...'). Each card has a 'European Digital Credential' button. An 'Uploads' section is at the bottom.

Europass Digital Credentials

Europass Digital Credentials are standardised tamperproof electronic documents describing that their owner has certain skills or has achieved certain learning outcomes through formal, non-formal or informal learning context



 Credential Preview

 Export

 Upload another credential

 Share

English 

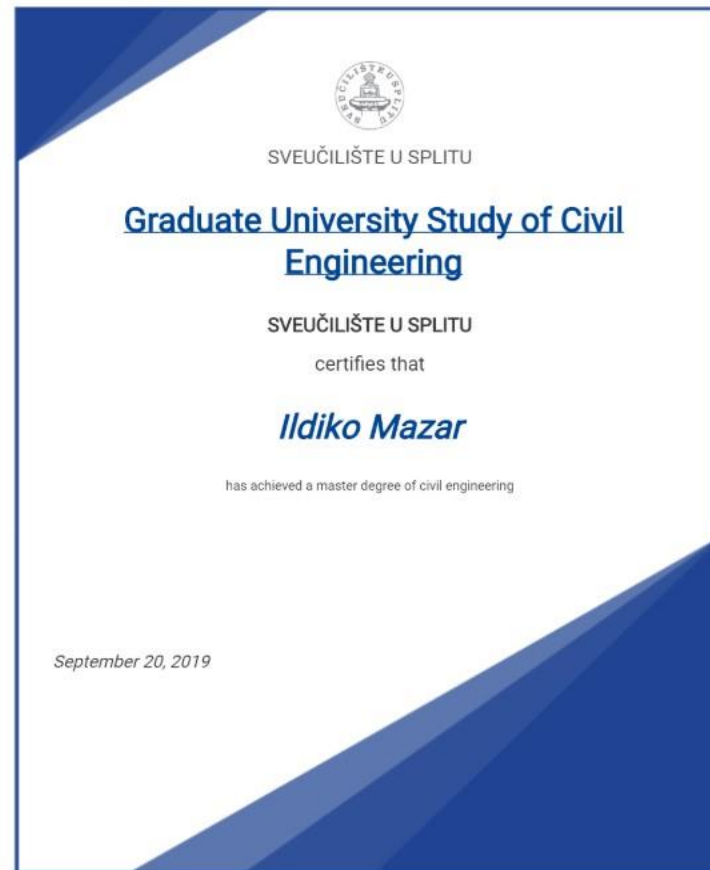
Issuing Organisation

Credential Owner

Achievements

Activities

Entitlements



Authentication and Verification Check



FORMAT

This credential is technically valid.



SEAL

The credential is Sealed. This credential has not been tampered with since it was issued by SVEUČILIŠTE U SPLITU;Fina RDC 2015;Fina Root CA, on 7/20/20 1:58 PM.



REVOCAATION

Verification step skipped



ACCREDITATION

Verification step skipped



VALIDITY

The credential is still valid.

Credential Preview

Export

Upload another credential

Share

English

Issuing Organisation

Credential Owner

Achievements

Activities

Entitlements

Master of Science in Civil Engineering

Applied mathematics

Concrete structures I

Dynamics of structures and earthquake engineering

Geotechnical engineering

Stability of structures

Metal structures I

Masonry structures

Prestressed concrete

Concrete structures II

Metal structures II

Structure reliability

Master of Science in Civil Engineering

Awarding Date: 20/09/2019 00:00 GMT +0200

Awarding Body: Fakultet Građevinarstva, Arhitekture i Geodezije

Proven by

Title	Grade
Overall Diploma Assessment	excellent (5)

Influenced by: Applied mathematics, Concrete structures I, Dynamics of structures and earthquake engineering, Geotechnical engineering, Stability of structures, Metal structures I, Masonry structures, Prestressed concrete, Concrete structures II, Metal structures II, Structure reliability, Composite structures, Construction of concrete structures, Housing installations, Numerical modelling of concrete structures, Business and investments in civil engineering, Concrete bridges, Metal bridges, Diploma work

Entitles Owner to: Postgraduate doctoral study

Sub-Achievements

EDCs describe:

- Details of the issuing **organisation**
- Details of the **credential owner**
- **Achievements** (including grades and references to learning outcomes, activities and entitlements)
- **Activities** (e.g. 150 hours of coursework or 100 hours of apprenticeship)
- **Entitlements** (Entitlement to work as an attorney)
- Various credential properties by utilising **24 standard vocabularies**

Controlled Lists for Transparency and Recognition

Learning Activity Type

Please select one option

- Please select one option
- apprenticeship
- classroom coursework
- e-learning coursework**
- educational programme
- internship
- job experience
- lab / simulation / practice coursework
- research
- self-motivated study
- volunteering
- workshop, seminar or conference

Assessment Type

Please select one option

- Please select one option
- artefact assessment
- continuous evaluation
- group performance
- level of attendance
- marked assignment
- oral examination
- peer assessment
- peer review
- portfolio
- practical assessment
- problem based learning
- project work
- quiz
- written examination**

Mode of Learning

Please select one option

Please select one option

- Blended
- Online**
- Presential
- Project based
- Research-Lab based
- Workbased

Learning Opportunity Type

Please select one option

Please select one option

- Apprenticeship
- Class
- Course**
- Educational programme
- Internship
- Mentoring
- MOOC
- Programme module
- Service learning
- Short learning programme
- Study visit
- Thesis

Learning Setting

Please select one option

Please select one option

- formal learning**
- non-formal learning



Thank you!

Contact us at EDCsupport@ext-ec-europa.eu

