

Europass Digitally Signed Credentials

*Pilot projekt: Sveučilište u Splitu
Ivana Jadrić, univ.spec.oec., Tehnički voditelj SEA-EU
projekta na Sveučilištu u Splitu*

*Karijerno savjetovanje za novo doba
08. prosinca 2020
Agencija za mobilnost i programe EU*

Kako se Sveučilište u Splitu uključilo u pilot projekt *Europass Digitally Signed Credentials*?

- Prijava na pilot projekt (prof. dr.sc. Dželalija, prof.dr.sc. Miletić)
- Sastanak u Briselu
- Prva faza razvoja EDC (jesen, 2019)
- Prikupljanje podataka (diplome i izjave studenata)
- Instalacija i priprema svih potrebnih preuvjeta za provedbu
- Radionica, testiranje (do srpnja 2020)
- Puštanje u rad platforme – srpanj 2020
- Prva digitalna vjerodajnica UNIST



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EDCI – Pilot with Member States



Austria



Germany



Portugal



Croatia



Greece



Romania



Cyprus



Italy



Slovakia



Czech Republic



Luxembourg



Slovenia



Estonia



Malta



Spain



France



Norway



Netherlands

Paralelne aktivnosti *Europass Digitally Signed Credentials* u sklopu SEA-EU ALIJANSE



European
University
of the Seas
(SEA-EU)

Western Brittany Brest (France)

Kiel (Germany)

Gdańsk (Poland)

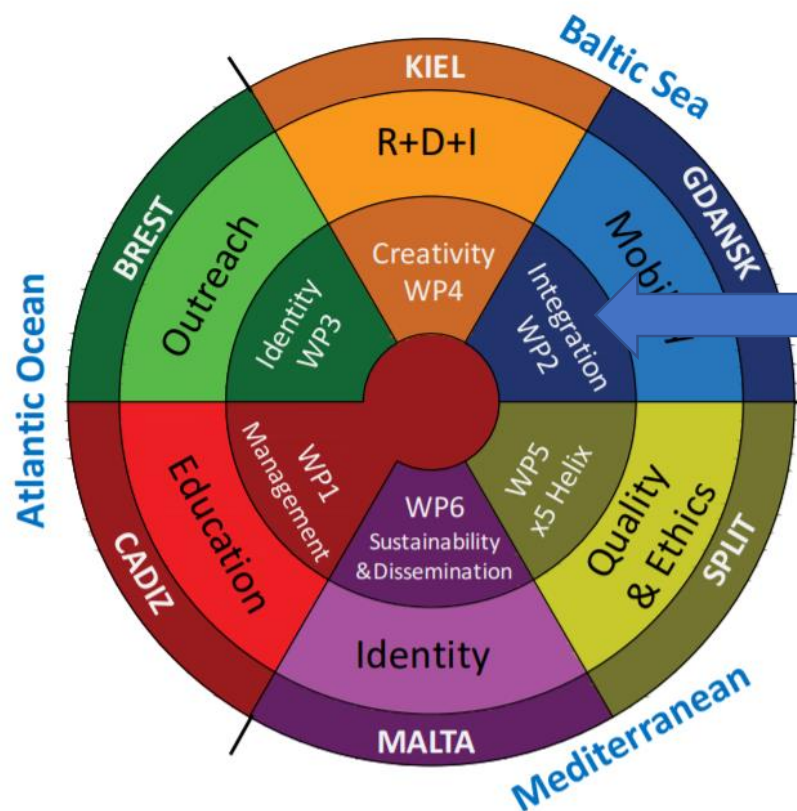
Split (Croatia)

Malta

Cádiz (Spain)



Paralelne aktivnosti *Europass Digitally Signed Credentials* u sklopu SEA-EU ALIJANSE



WP 2.; Task Task 2.4.

Digitalisation, SEA-EU
European University card



Paralelne aktivnosti *Europass* *Digitally Signed Credentials* u sklopu SEA-EU ALIJANSE

- Formiranje radne skupine sastavljene od eksperata za digitalizaciju sa šest sveučilišta
- Izrada Plana rada za period trajanja provedbe projekta
- Izrada strateškog dokumenta *Report on the Europass Digitally-Signed Credential Framework and European Student Card and their potentials for students, employers and HEIs* (sadrži pregled dva koncepta: digitalnih vjerodajnica te Europske studentske iskaznice, te šest studija slučaja - šest država članica SEA-EU alijanse)
- Organizacija radionice *SEA-EU Goes Digital radionice*



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Ciljevi Sveučilišta u Splitu kroz SEA-EU alijansu

- Upoznavanje sustava izdavanja kvalifikacija od strane šest sveučilišta, izrada smjernica i Plana implementacije (izrada dokumenta, organizacija radionica)
- Testiranje koncepta unutar alijanse šest sveučilišta
- Pilot projekt
- Širenje prakse unutar i izvan SEA-EU alijanse



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Što su digitalne vjerodajnice?

EDSC: Europass Digitally Signed Credentials (Digitalno potpisane vjerodajnice Europass-a)

- definira se kao digitalna datoteka koju pojedincu dodjeljuje odgovarajuća ustanova (npr., sveučilište) kako bi se potvrdio i pružio dokaz o postignutim ishodima učenja, što dovodi do boljeg razumijevanja i provjere kvalifikacije, kao i drugih dokaza o učenju*.

(plan upotrebe EDSC a je širi nego što gornja definicija ilustrira plan uključuje upotrebu EDSC a za sve oblike učenja, a ne samo formalnog obrazovanja).

** Preuzeto od: prof. dr.sc. Mile Dželalija, Sveučilište u Splitu*



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Ključni elementi digitalnih vjerodajnica

EDSC je definiran kroz sljedeće ključne elemente:

- Informacije o ustanovi koja dodjeljuje vjerodajnicu/kvalifikaciju npr. Sveučilište u Splitu
- Informacije o pojedincu koji prima vjerodajnicu npr. Ime i prezime pojedinca
- Informacije o ishodima učenja koji su predstavljeni vjerodajnicom uključujući osnovne karakteristike ishoda učenja, kao što su: naziv, razina, obujam/radno opterećene, itd. npr. Magistar biologije
- Vizualni prikaz postignuća
- Digitalni potpis (e pečat) *

** Preuzeto od: prof. dr.sc. Mile Dželalija, Sveučilište u Splitu*



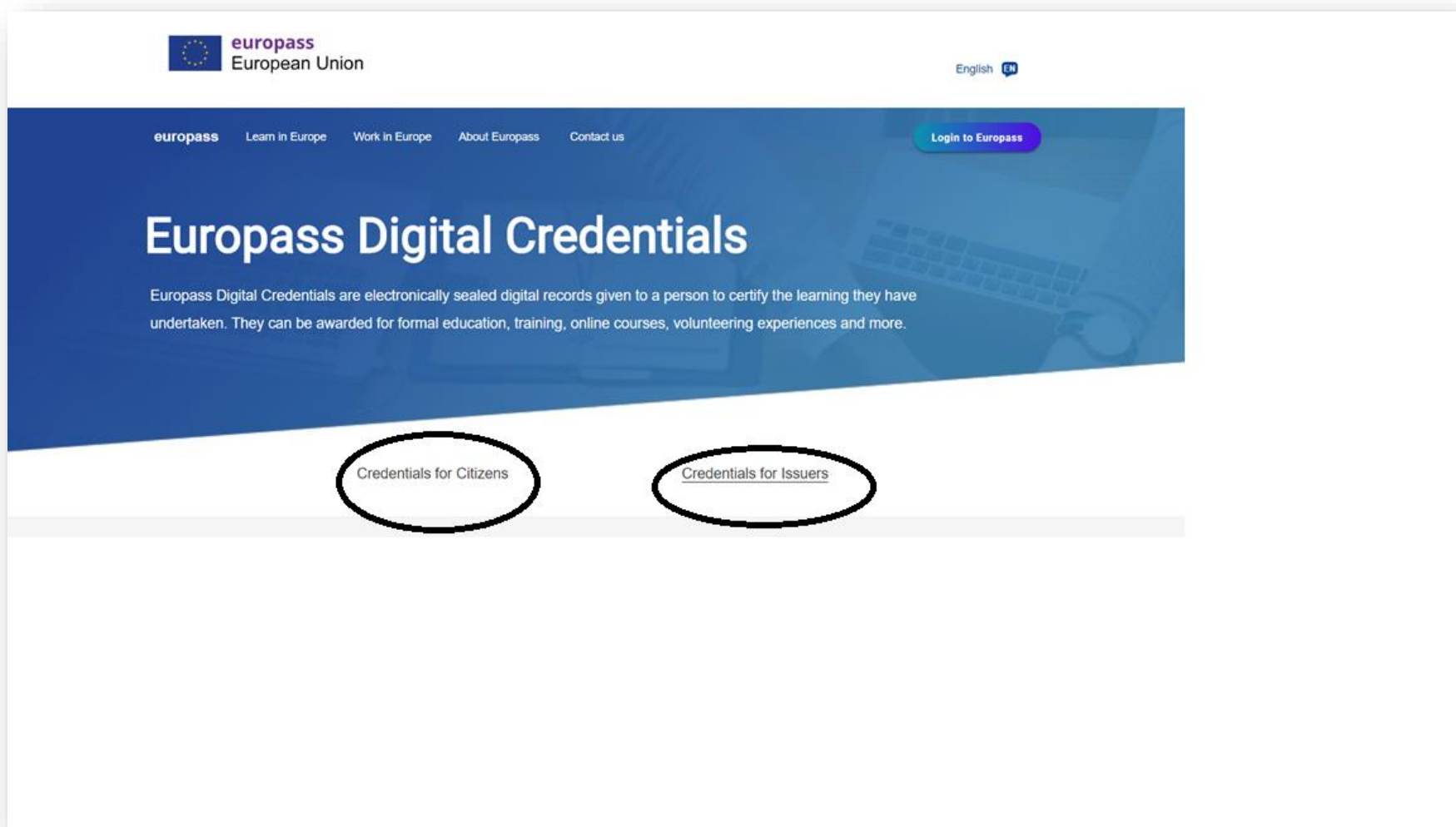
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Korisnici i prednosti korištenja sustava

Glavni korisnici	Prednosti korištenja
<ul style="list-style-type: none">❖ Vlasnici vjerodajnica❖ Ustanove koje ih izdaju❖ Poslodavci❖ Tijela za osiguravanje kvalitete❖ EU	<ul style="list-style-type: none">➤ Sustav osigurava zaštitu i privatnost➤ Komunikacija između više članica EU➤ Sustav prilagođen poslodavcima i jednostavnom pregledu valjanosti vjerodajnica➤ Izbjegavanje krivotvorina➤ Smanjenje troškova➤ Uklanjanje administrativnih kočnica-ubrzavanje sustava

Proces izrade digitalnih vjerodajnica



<https://webgate.ec.europa.eu/eptance/ec.europa.eu/europass/edci-issuer/#/home>

Proces izrade digitalnih vjerodajnica

Prepare

1

To issue credentials, you need to obtain a qualified electronic seal. Our test tool will ensure everything is set up properly. Then, follow our tutorial to understand how to prepare your data.



Test your e-Seal



How to prepare
your data

Build

2

The Online Credential Builder allows you to enter your data entirely via the browser. You may also prepare larger datasets in Excel (for Windows) using the supplied template. Alternatively, you can export a package from your student information system as XML.



Online Credential
Builder



Download your
XLS template

Upload

3

If you have your credential data prepared, upload the file and move on to the next step of reviewing and digitally sealing your credentials.



Upload XLS
spreadsheet

Maximum file size: 5
MB
Accepted file formats:
XLS, XLSX, XLSM



Upload XML

Maximum file size: 5
MB
Accepted file format:
XML

Proces izrade digitalnih vjerodajnica

1. Korak
(Priprema)

Seal Credential

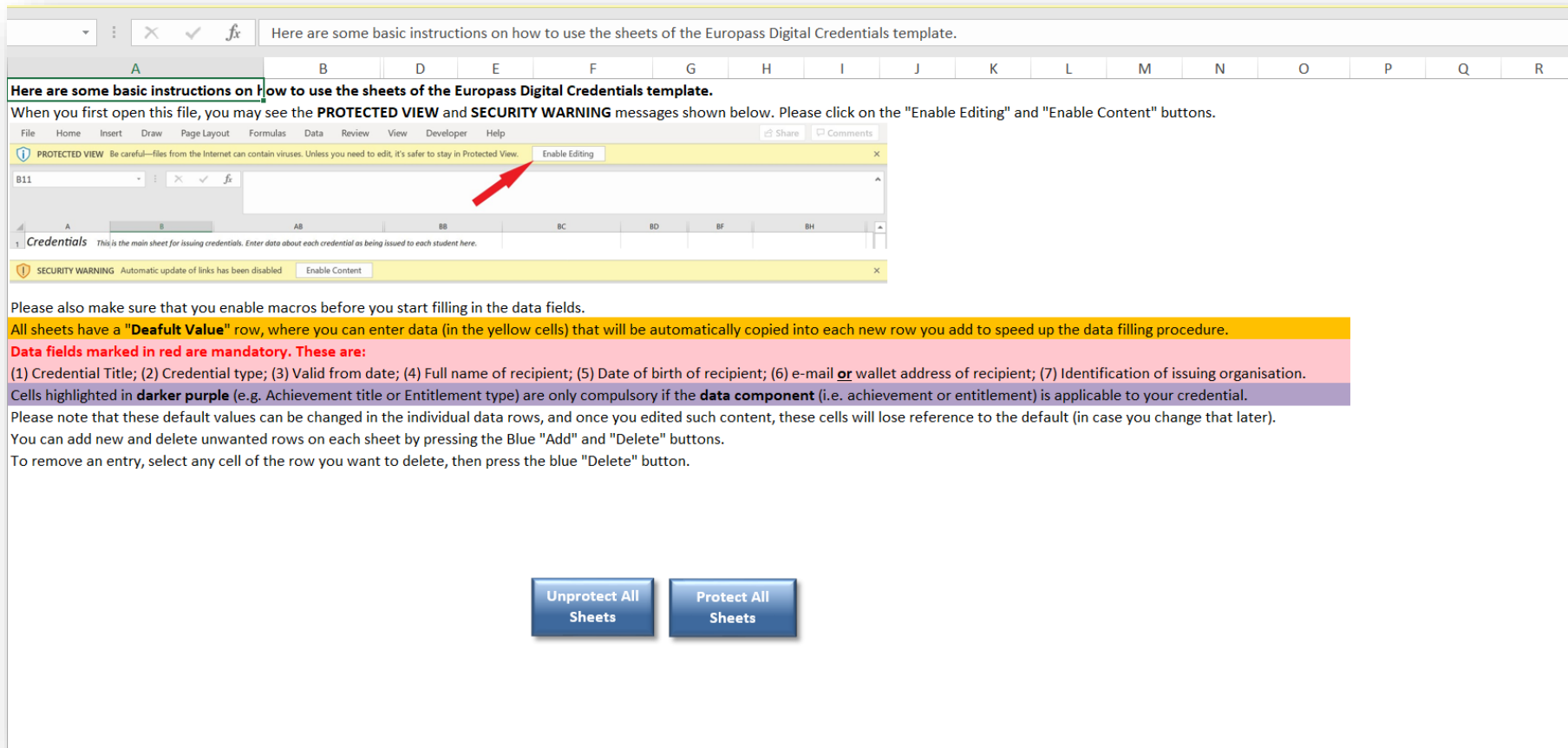
Please make sure that NexU is running... [Download the open source version of NexU](#)

! Checking connection...

Proces izrade digitalnih vjerodajnica

Here are some basic instructions on how to use the sheets of the Europass Digital Credentials template.

When you first open this file, you may see the **PROTECTED VIEW** and **SECURITY WARNING** messages shown below. Please click on the "Enable Editing" and "Enable Content" buttons.



Please also make sure that you enable macros before you start filling in the data fields.

All sheets have a **"Default Value"** row, where you can enter data (in the yellow cells) that will be automatically copied into each new row you add to speed up the data filling procedure.

Data fields marked in red are mandatory. These are:

(1) Credential Title; (2) Credential type; (3) Valid from date; (4) Full name of recipient; (5) Date of birth of recipient; (6) e-mail **or** wallet address of recipient; (7) Identification of issuing organisation.

Cells highlighted in **darker purple** (e.g. Achievement title or Entitlement type) are only compulsory if the **data component** (i.e. achievement or entitlement) is applicable to your credential.

Please note that these default values can be changed in the individual data rows, and once you edited such content, these cells will lose reference to the default (in case you change that later).

You can add new and delete unwanted rows on each sheet by pressing the Blue "Add" and "Delete" buttons.

To remove an entry, select any cell of the row you want to delete, then press the blue "Delete" button.

Unprotect All Sheets

Protect All Sheets

2. Korak
(Izgradnja)

Proces izrade digitalnih vjerodajnica

3. Korak
(Podizanje podataka)


Instructions		Europass Credentials		Persons		Organisations		Achievements		Learning Outcomes		Activities		Assessments		Entitlements	
<p>Organisations</p> <p>This is the main sheet for describing legal persons / registered Organisation.</p>																	
Definition	Legal Name	Common Name	Legal Identifier	Logo	homepage												
Description	Full legal name of the Organisation, as registered with national authorities. The legal name should only be translated to languages where official translations (submitted to national authorities) exist.	An (optional) alternative name of the organisation as typically used in documents, including credentials.	The spatial ID. The official identification number of the organisation, as awarded by the relevant national authority.	Provide a public URL to the organisation's logo in png or jpg format.													
Language	English	English															
Default Value	Fill in the yellow cells of this row																
Add Learning Outcomes																	
Delete Selected Learning Outcome																	
Competence 1																	
Competence 2																	
Competence 3																	
Competence 4																	
Description	A detailed learning outcome may include a description of what the student can do as a result of learning, with an indication of the level of achievement, and the conditions or context under which this can be performed (if applicable).																
Learning Outcome Identifier Scheme																	
Learning Outcome Identifier																	
Description	To formulate equations of mathematical physics for To design and perform engineering calculations of all types of To participate in the construction of different types of structures and To perform numerical modelling of structures (non-linear static and																
Learning Outcome Type	Skill																
Reusability Level																	
Default Value	Fill in the yellow cells of this row																
Add Organisation	Sveučilište u Splitu	University of Split	HR	12345678	https://upload.wikimedia.org/wikipedia/en/thumb/2/24/University_of_Split_log	https://www.unist.hr/											
Delete Selected Organisation																	
Definition	Legal Name	Common Name	Legal Identifier	Logo	homepage	Location											
Description	Full legal name of the Organisation, as registered with national authorities. The legal name should only be translated to languages where official translations (submitted to national authorities) exist.	An (optional) alternative name of the organisation as typically used in documents, including credentials.	The spatial ID. The official identification number of the organisation, as awarded by the relevant national authority.	Provide a public URL to the organisation's logo in png or jpg format.													
Language	English	English															
Default Value	Fill in the yellow cells of this row																
Add Organisation	Sveučilište u Splitu	University of Split	HR	12345678	https://upload.wikimedia.org/wikipedia/en/thumb/2/24/University_of_Split_log	https://www.unist.hr/	Split										




Europass Credentials	Naslov, opis, od kada vrijedi...
O organizaciji	Naslov, službeni i neformalni, web stranica, OIB, zakonski zastupnik, logo
Osoba kojoj se dodjeljuje vjerodajnica	Ime i prezime, datum rođenja, mjesto i država, spol, adresa, e-mail adresa, wallet...
Postignuća	Odnosi se na postignuća u učenju (Postignuće može imati interni identifikator, datum dodjele i tijelo za dodjelu, koje se mogu razlikovati od izdavatelja vjerodajnica)
Ostvareno pravo	Prava koja je nositelj vjerodajnice stekao, na primjer, kvalifikacija za slikara, znače da je nositelj vjerodajnice stekao vještinu slikanja, ali ima i pravo raditi kao slikar - barem u zemlji u kojoj je postigao kvalifikacija slikara.
Ishodi učenja	Popis i opis svih znanja, vještina i kompetencija koje su polaznici postigli uspješnim ispunjavanjem mogućnosti učenja.
Ostalo: aktivnosti, ocjenjivanje, EDC Wildcards...	

Europass digital credentials > Review

Review

Before proceeding to **Seal**, check the accuracy of your credentials by previewing them. Click the eye icon under Actions. On sealing, the credentials will be issued and cannot be modified.

 Issue more Credential

<input checked="" type="checkbox"/>	RECIPIENT	CREDENTIAL TITLE	VALID	SEALED	SENT	RECEIVED	ACTIONS
<input checked="" type="checkbox"/>	Ivana Jadrić	Certificate of session moderator					 
Items per page: 10 1 - 1 of 1							

< Previous


Seal




Send

Europass digital credentials > Review

Review

Before proceeding to **Seal**, check the accuracy of your credentials by previewing them. Click the eye icon under Actions. On sealing, the credentials will be issued and cannot be modified.

 Issue more Credentials

<input checked="" type="checkbox"/>	RECIPIENT	CREDENTIAL TITLE	VALID	SEALED	SENT	RECEIVED	ACTIONS
<input checked="" type="checkbox"/>	Ivana Jadrić	Certificate of session moderator					 
Items per page: 10 1 - 1 of 1							

< Previous

Seal

Send


Proces izrade digitalnih vjerodajnica

Verification Checks



 Credential Preview

 Export

 Upload another credential

 Share

English

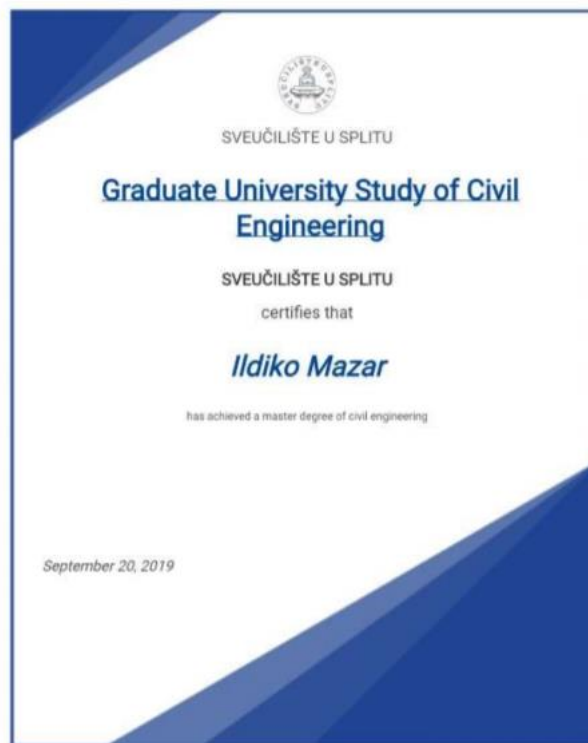
Issuing Organisation

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.
- ☐ **REVOCATION**
Verification step skipped
- ☐ **ACCREDITATION**
Verification step skipped
- ☒ **VALIDITY**
The credential is still valid



Your Certificate of session moderator Pristigla pošta x



automated-notifications@nomail.ec.europa.eu

prima ja ▾

 čet, 19. stu 10:49

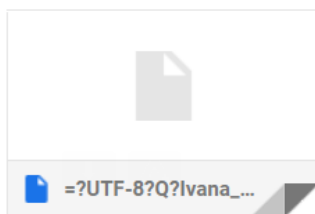


Dear Ivana Jadrić,

You have received a **Europass** Digital Credential from University of Split, Faculty of Economics, Business and Tourism titled: "Certificate of session moderator", please find it enclosed in xml format. This file contains information about your achievement and can be validated to ensure its authenticity.

To view your credential, first you have to save the attachment, then visit <https://europa.eu/europass/digital-credentials/viewer> where you can upload the file to visualise its content. From here you will also be able to print, export and validate the credential.

The **Europass** Team



Ostale mogućnosti

- Razvijanje mogućnosti izdavanja digitalnih vjerodajnica – diploma supplement
- Izdavanje digitalnih vjerodajnica za razne oblike učenja: formalnog, neformalnog i informalnog učenja
- Primjeri: programi cjeloživotnog obrazovanja, konferencije, tečajevi, edukacije...



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Ostale mogućnosti



University of Split, Faculty of Economics, Business and Tourism

Certificate of session rapporteur

University of Split, Faculty of Economics, Business and Tourism

certifies that

Ivana Jadrić

was the rapporteur at the parallel session
"1.3. Building a vision for future research and innovation in the blue economy"
at the 11th WIRE conference "The future of resilient regions in the new ERA"
held online 4-6 November, 2020

jointly organised by the Faculty of Economics, Business and Tourism, Split and the European Commission.

Property not found





















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Kako krenuti?

1. Nabavite e pečat (provjerite koji su pečati ispravni: <https://webgate.ec.europa.eu/tl-browser/#/>)
2. Instalirajte NexU
3. Proučite web stranicu: <https://europa.eu/europass/en/preparing-credentials-europass-digital-credentials>

Search a trust service by

 Type of service	 Name of trust service	 Signed file
Search by type of trust service (e.g. time-stamping, certificate for e-signature) and country	Search based on the name of a trust service	Find the trust service that issued the signing certificate(s) contained in a file
 Austria Issue date 2020-09-01	 Belgium Issue date 2020-10-20	 Bulgaria Issue date 2020-07-03
 Croatia Issue date 2020-08-04	 Cyprus Issue date 2020-07-21	 Czech Republic Issue date 2020-11-30
 Denmark Issue date 2020-06-17	 Estonia Issue date 2020-12-04	 Finland Issue date 2020-07-29
 France Issue date 2020-12-03	 Germany Issue date 2020-09-08	 Greece Issue date 2020-11-02
 Hungary Issue date 2020-12-02	 Iceland Issue date 2020-09-24	 Ireland Issue date 2020-07-17

Hvala na pažnji!