Doc Talent 4EU

Workshop: How to Issue Digital Credentials

Insights from the DocTalent4EU Project

J.P.Pêgo

October 29th, 2024 (10:00 AM - 11:30 AM CET)

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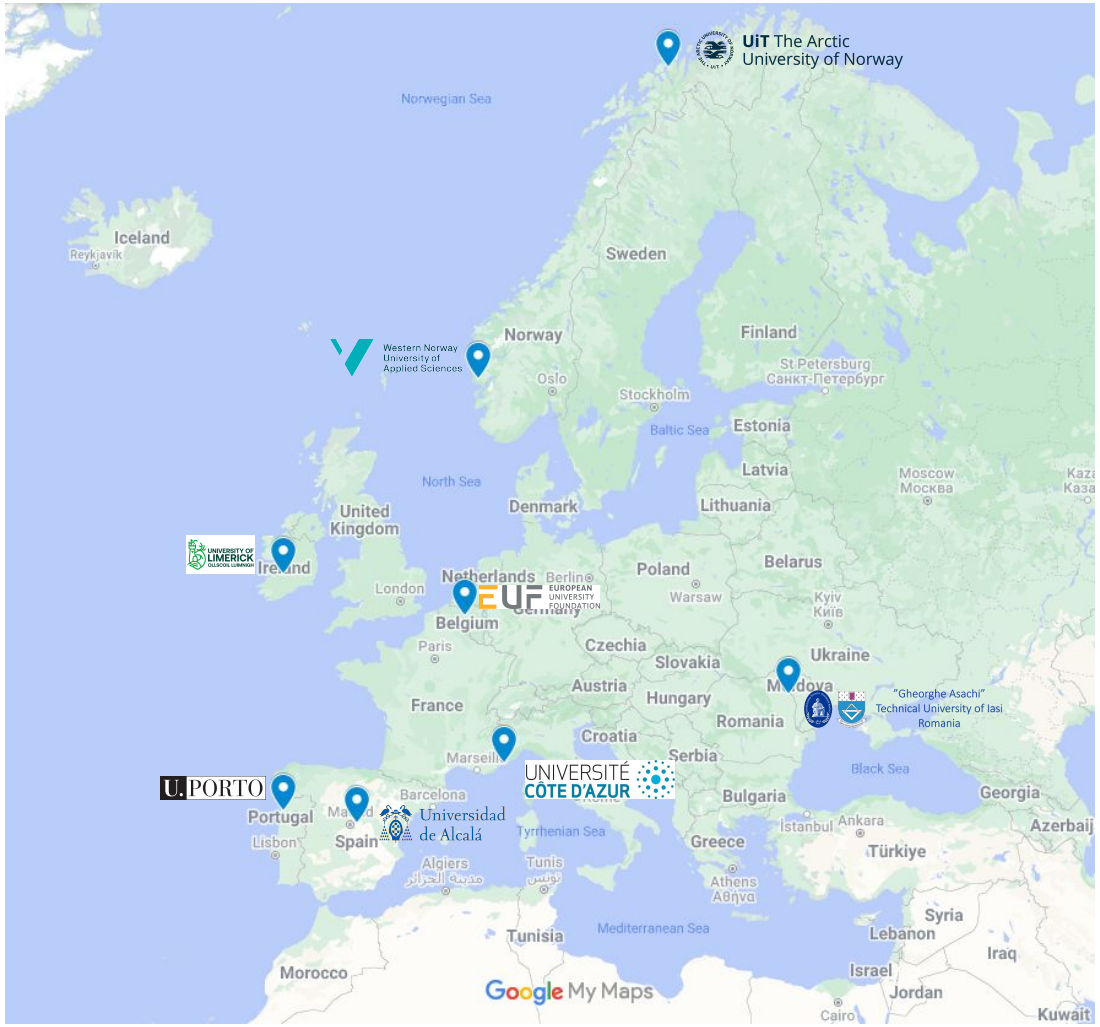
Funded by the European Union

Agenda

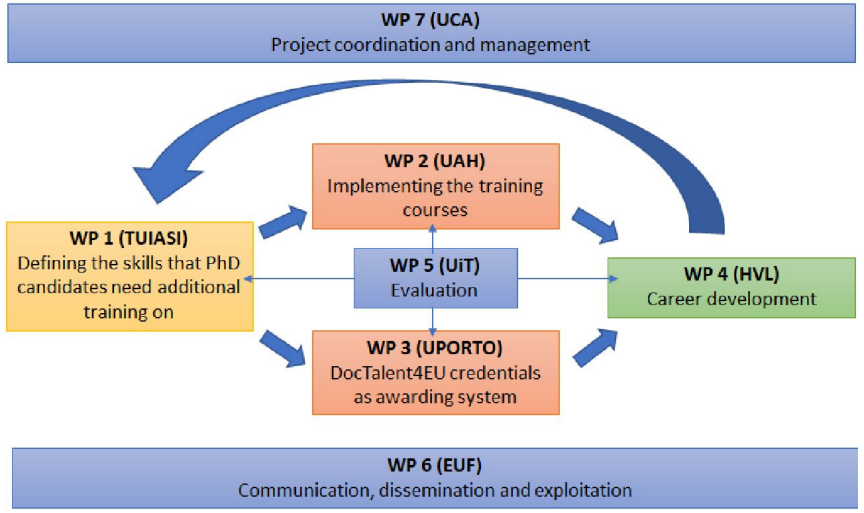
- Introduction
- The Role of Digital Credentials in Doctoral education
- How to Issue DocTalent4EU Digital Credentials: a Step-by-step Tutorial
- Adopting Digital Credentials in Doctoral Education: What You Need to Know
- Q&A
- Conclusions

DocTalent4EU consortium



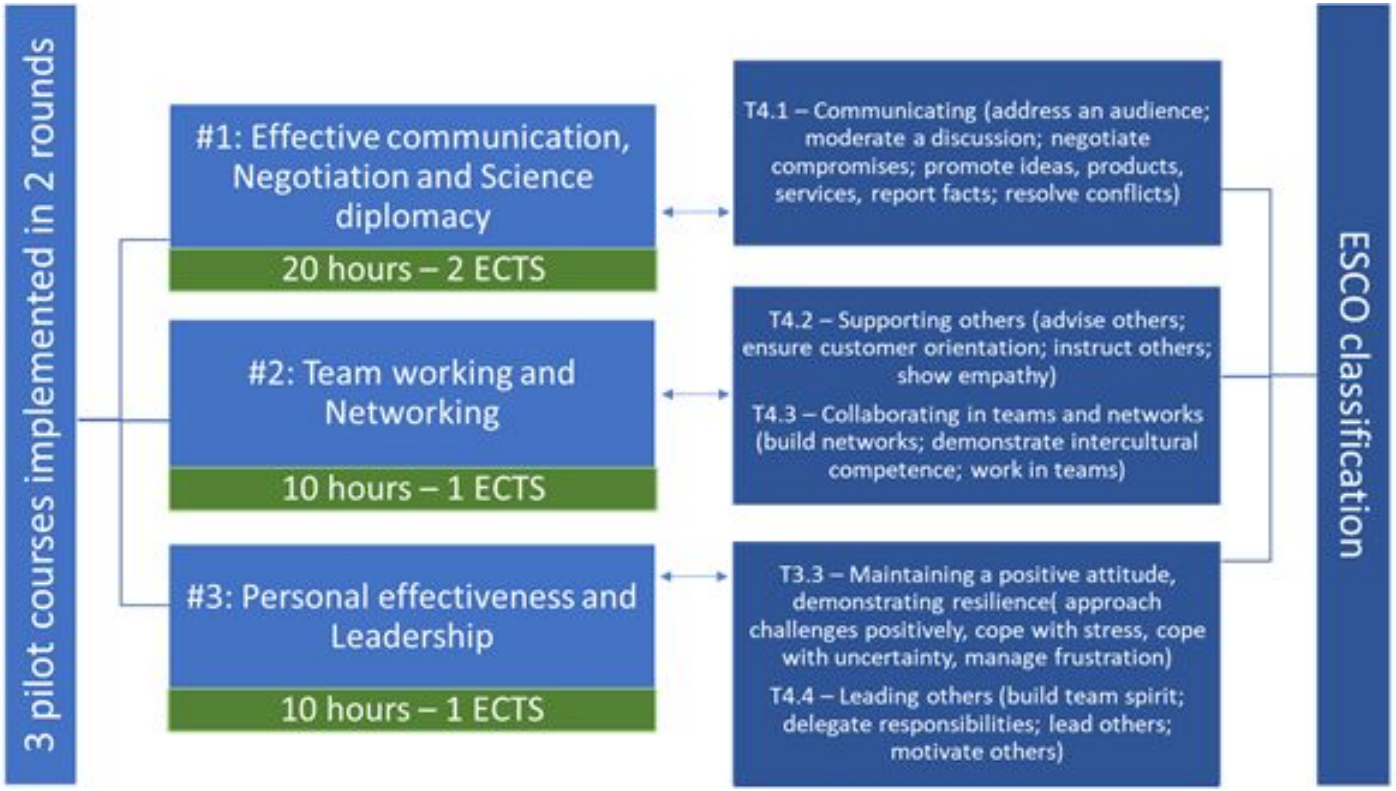
DocTalent4EU mission

Enhance PhD employability through a strong, visible and **innovative recognition system** of the most **in-demand transferable skills** that ECRs acquire through their doctoral training and research activities.



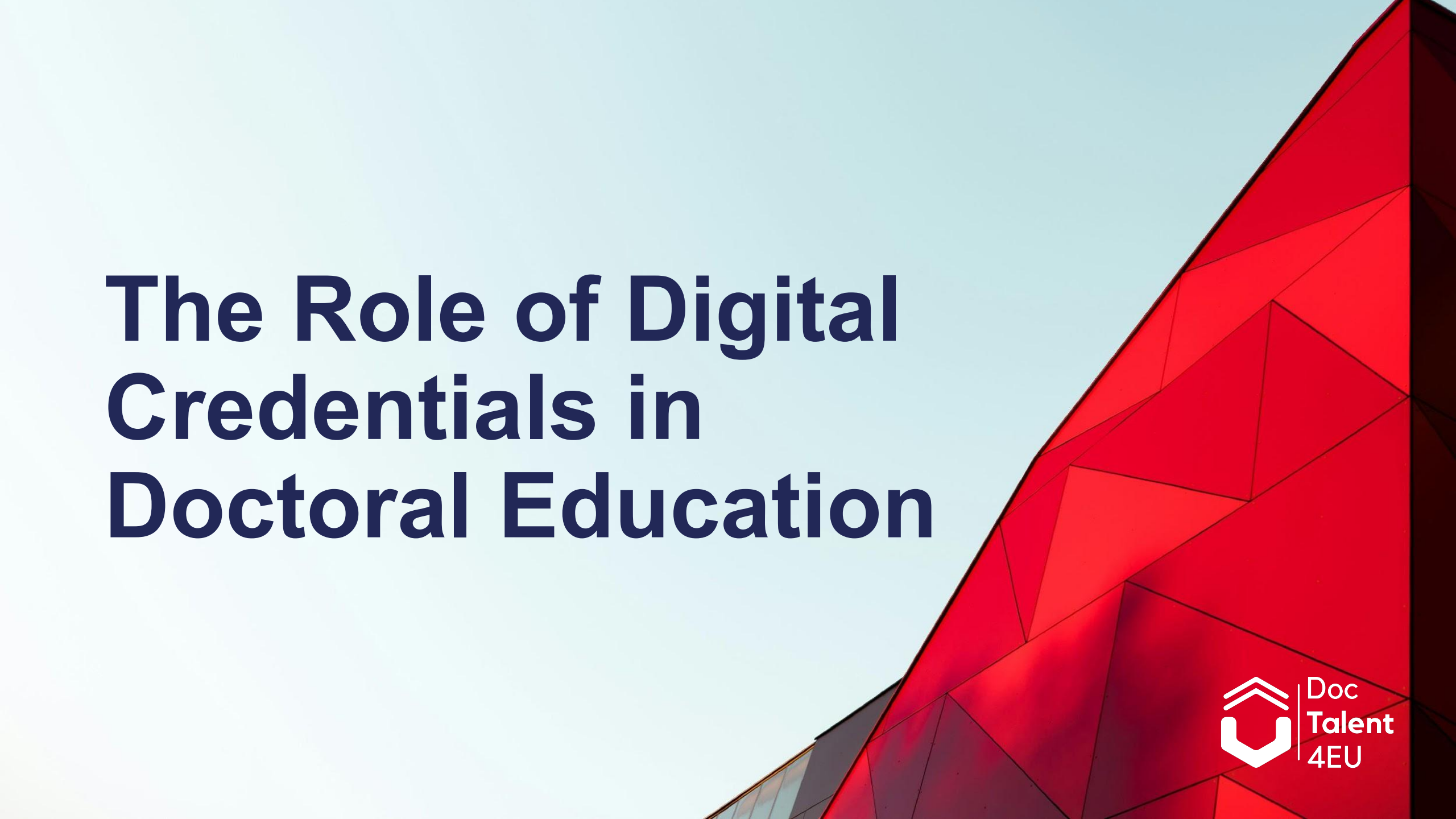
https://cordis.europa.eu/project/id/101095292

Training courses



https://cordis.europa.eu/project/id/101095292

The Role of Digital Credentials in Doctoral Education

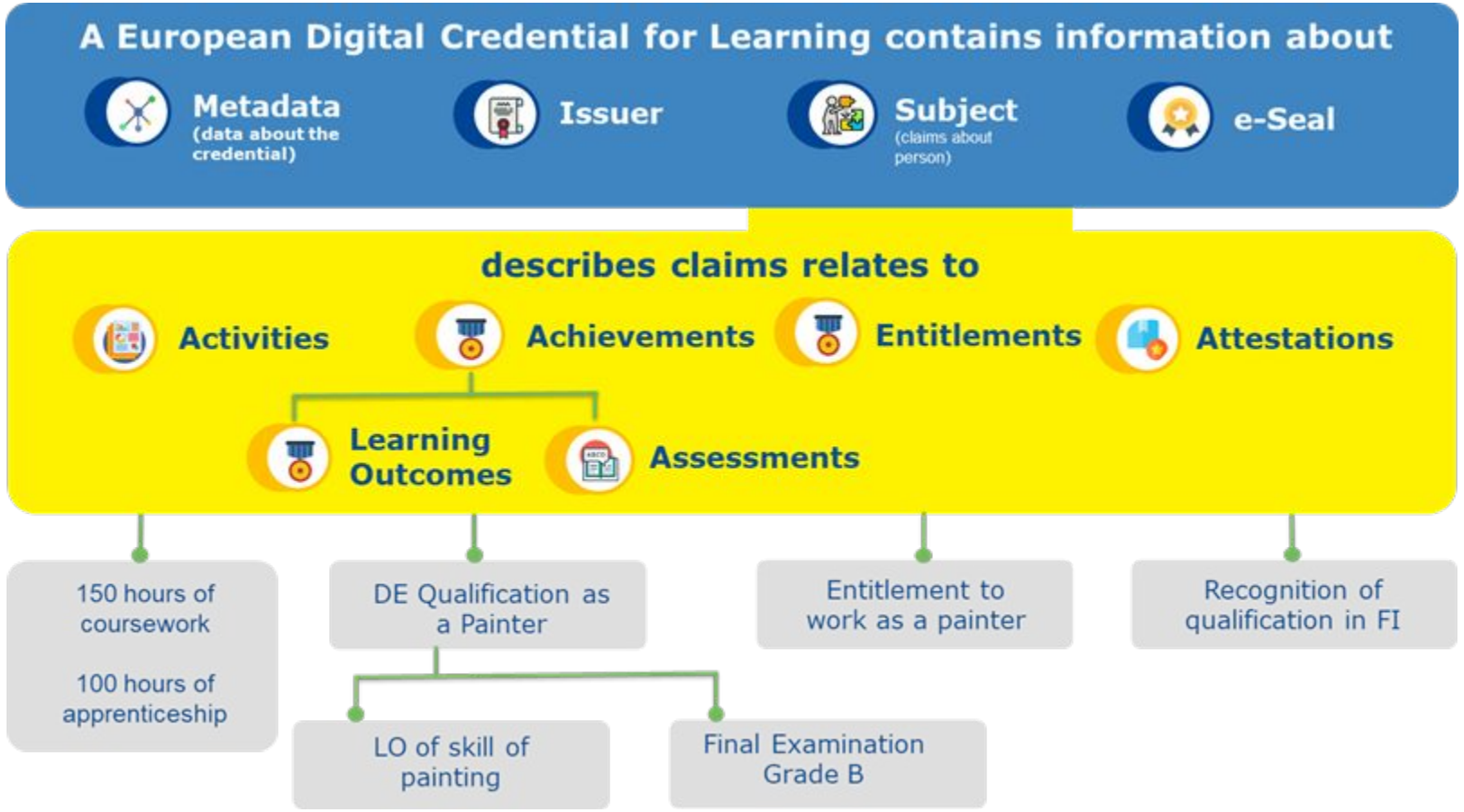


European Digital Credentials for learning (EDCs)

- Standardised **tamperproof** electronic documents
- Describing their owner:
  - has **specific skills** or has **achieved specific learning outcomes**
  - **formal**, **non-formal** or **informal** learning context.
- They can describe:
  - **activities** (e.g., classes attended)
  - **assessments** (e.g., projects)
  - **achievements** (e.g., skills developed),
  - **professional entitlements** (e.g., registration as a medical doctor) and
  - qualifications.

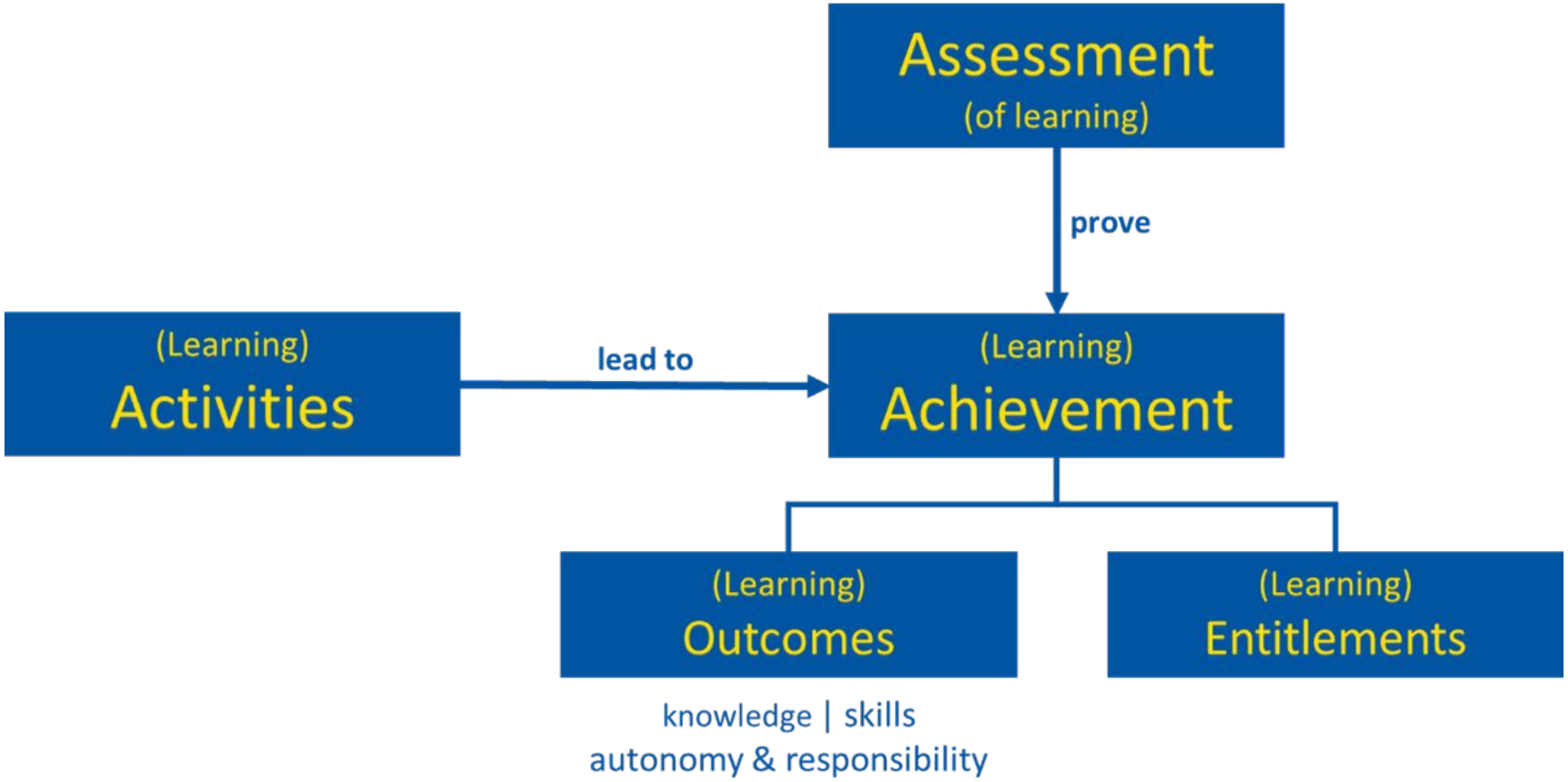
https://europa.eu/europass/en/europass-tools/digital-credentials

European Digital Credentials for learning (EDCs)



https://europa.eu/europass/en/stakeholders/european-digital-credentials

Learning achievements



https://europa.eu/europass/en/stakeholders/european-digital-credentials/stakeholder-information-about-european-digital-credentials#

DocTalent4EU DC

U.PORTO
FEUP FACULDADE DE ENGENHARIA UNIVERSIDADE DO PORTO

certifies that

Desiderius Erasmus

completed the training

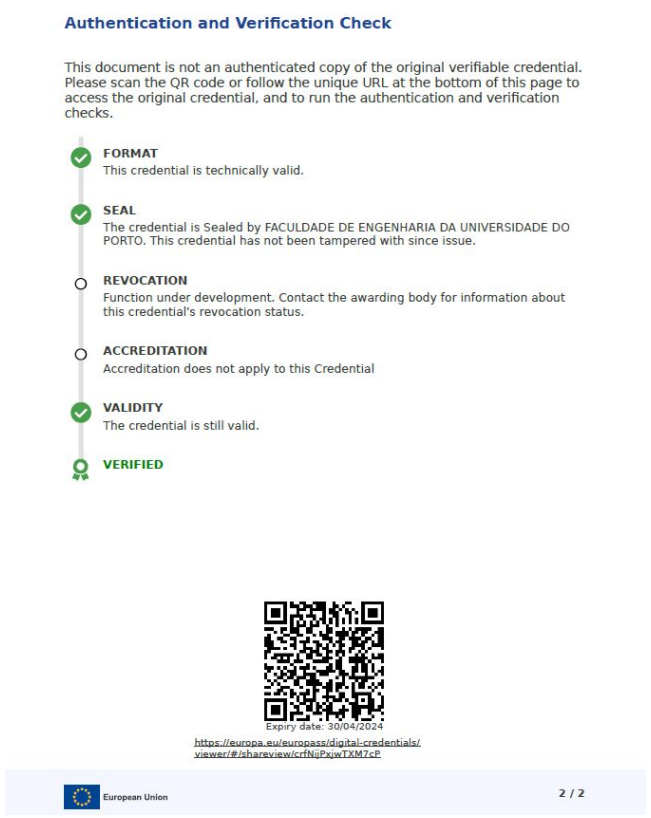
Personal effectiveness and leadership

organized by

Doc Talent 4EU

Funded by the European Union

1 / 2



Authentication and Verification Check

This document is not an authenticated copy of the original verifiable credential. Please scan the QR code or follow the unique URL at the bottom of this page to access the original credential, and to run the authentication and verification checks.

FORMAT
This credential is technically valid.

SEAL
The credential is Sealed by FACULDADE DE ENGENHARIA DA UNIVERSIDADE DO PORTO. This credential has not been tampered with since issue.

REVOCATION
Function under development. Contact the awarding body for information about this credential's revocation status.

ACCREDITATION
Accreditation does not apply to this Credential

VALIDITY
The credential is still valid.

VERIFIED

Expiry date: 30/04/2024

https://europa.eu/europass/digital-credentials/viewer/#/shareview/crfNjPxjwTXM7cP

European Union

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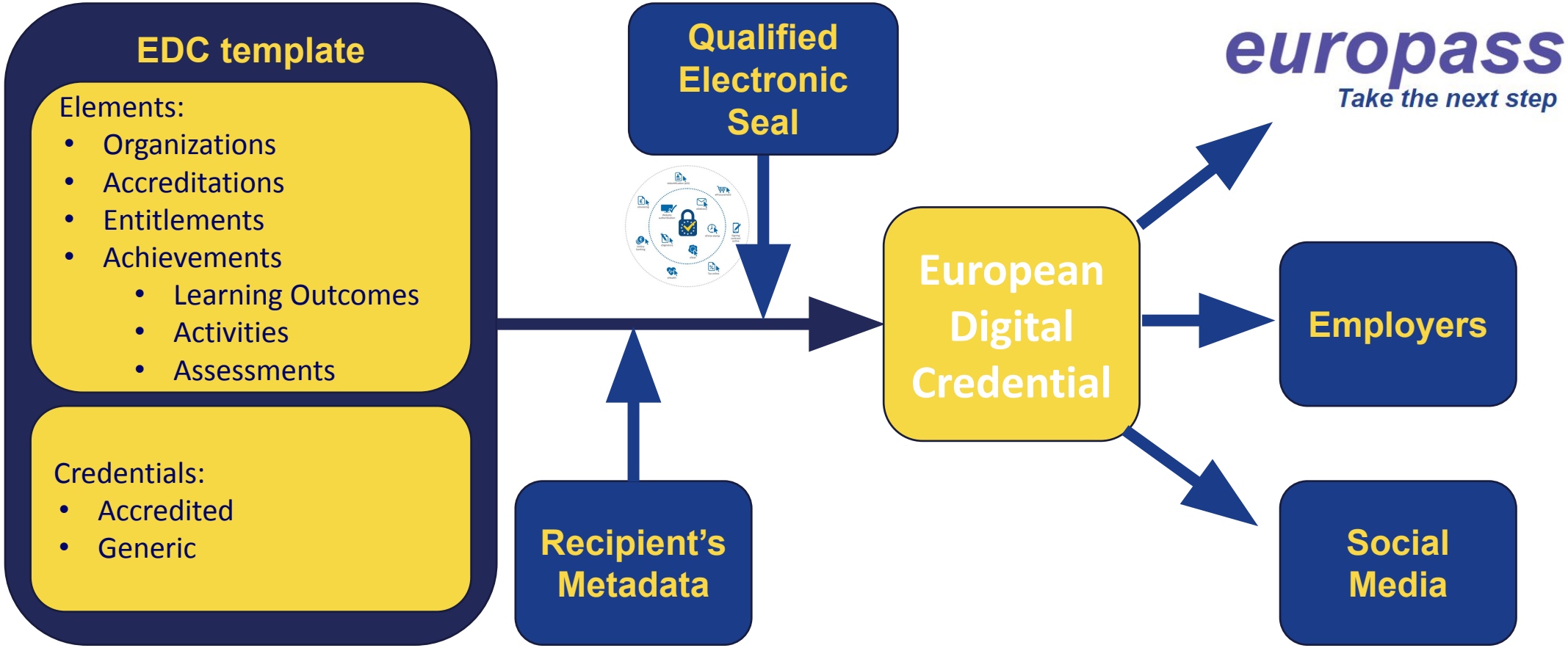
How to Issue DocTalent4EU Digital Credentials: a Step-by-step Tutorial

How to issue EDC

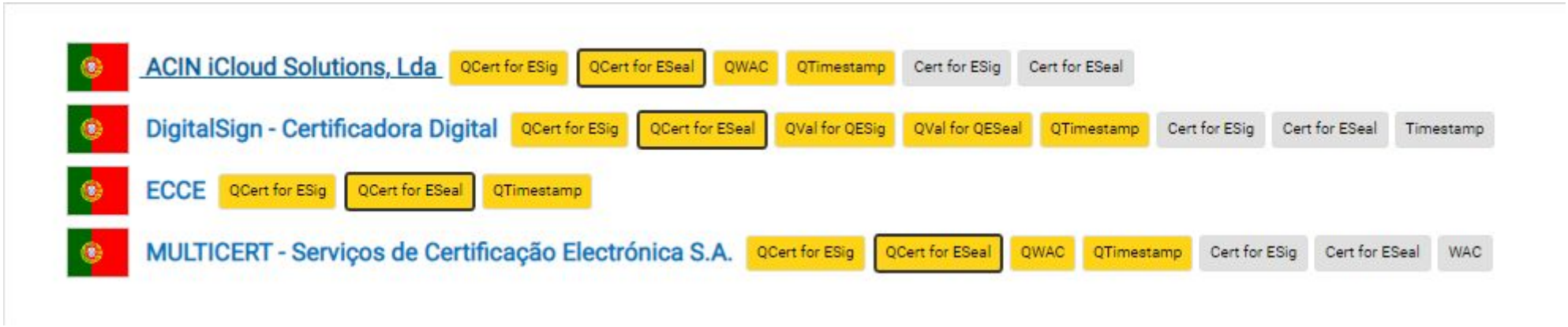
Online Credential Builder



https://europa.eu/europass/en/how-issue-european-digital-credentials

Qualified Electronic Seal

- Issued to institutions (not for individual persons)
- Associated with the VAT number



https://eidas.ec.europa.eu/efda/tl-browser/#/screen/search/type/2

Software requirements

- Create a Europass login: https://europa.eu/europass/en

- Download NexU. No installation needed.

https://europa.eu/europass/en/stakeholders/european-digital-credentials/interoperability

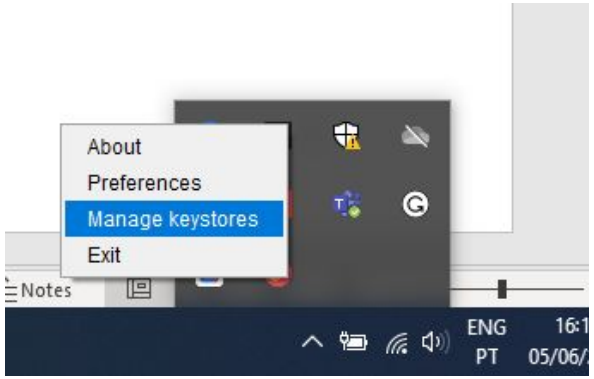
NexU

Decompress the NexU zip file (nexu-bundle-1.22.zip).

Open nexu.jar (you need java installed)

Check for a key icon on your desktop.

Right click and choose “Manage keystores” to show previously stored keys.



Online Credential Builder

The Online Credential Builder allows to create EDC using a browser.

Two environments:

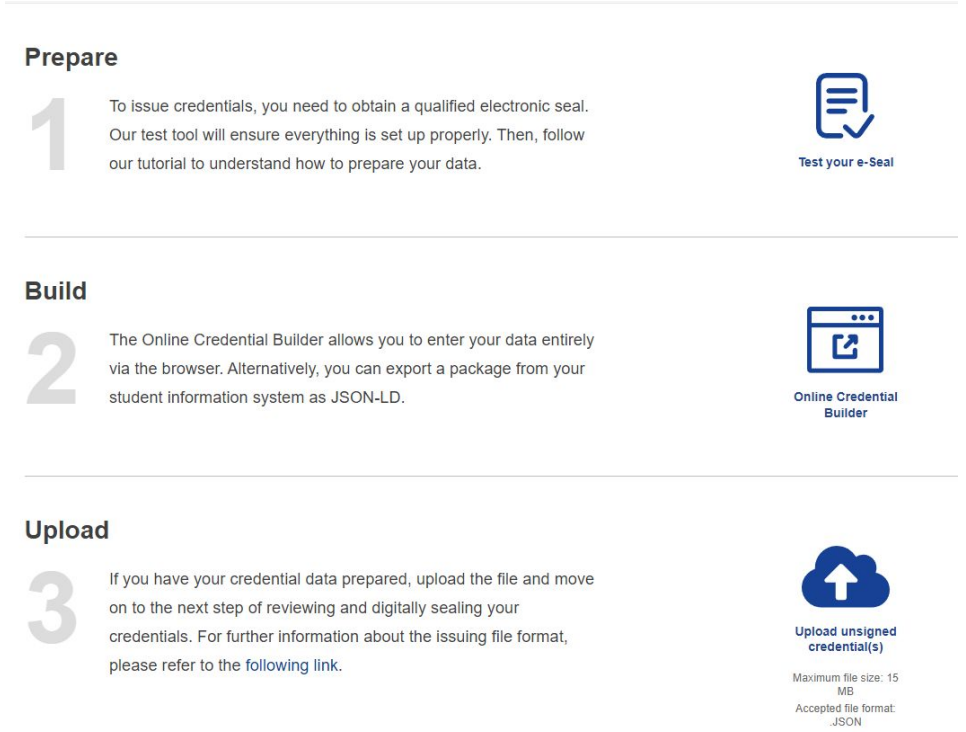
- "Playground" – training using a "mock seal" (no longer possible!)
- "Production" – credential issuing using a qualified electronic seal

https://webgate.acceptance.ec.europa.eu/europass/edci-issuer/#/home

https://europa.eu/europass/digital-credentials/issuer/

Online Credential Builder

Access “EDCI issuer” and login



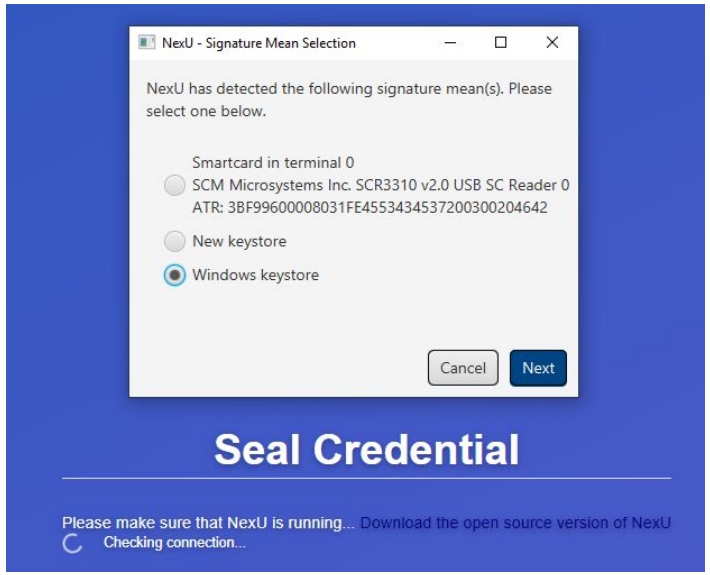
https://webgate.acceptance.ec.europa.eu/europass/edci-issuer/#/home

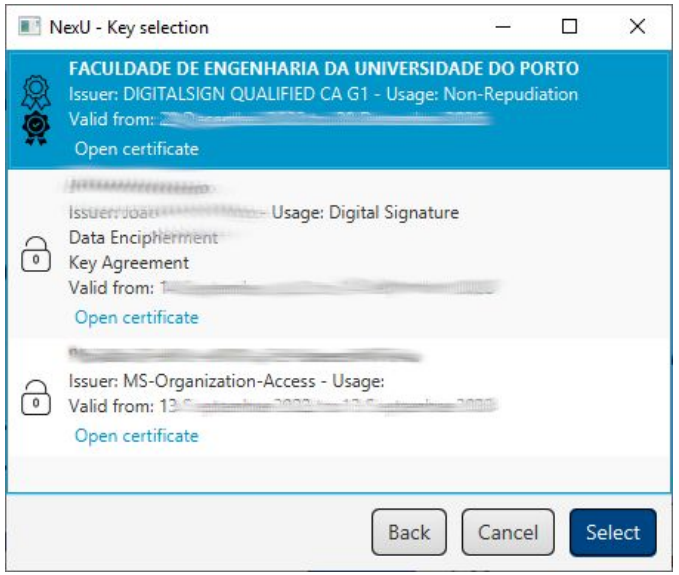
Test your e-seal

Click “Test your e-seal”.

NexU will open. Select “Windows keystore”.

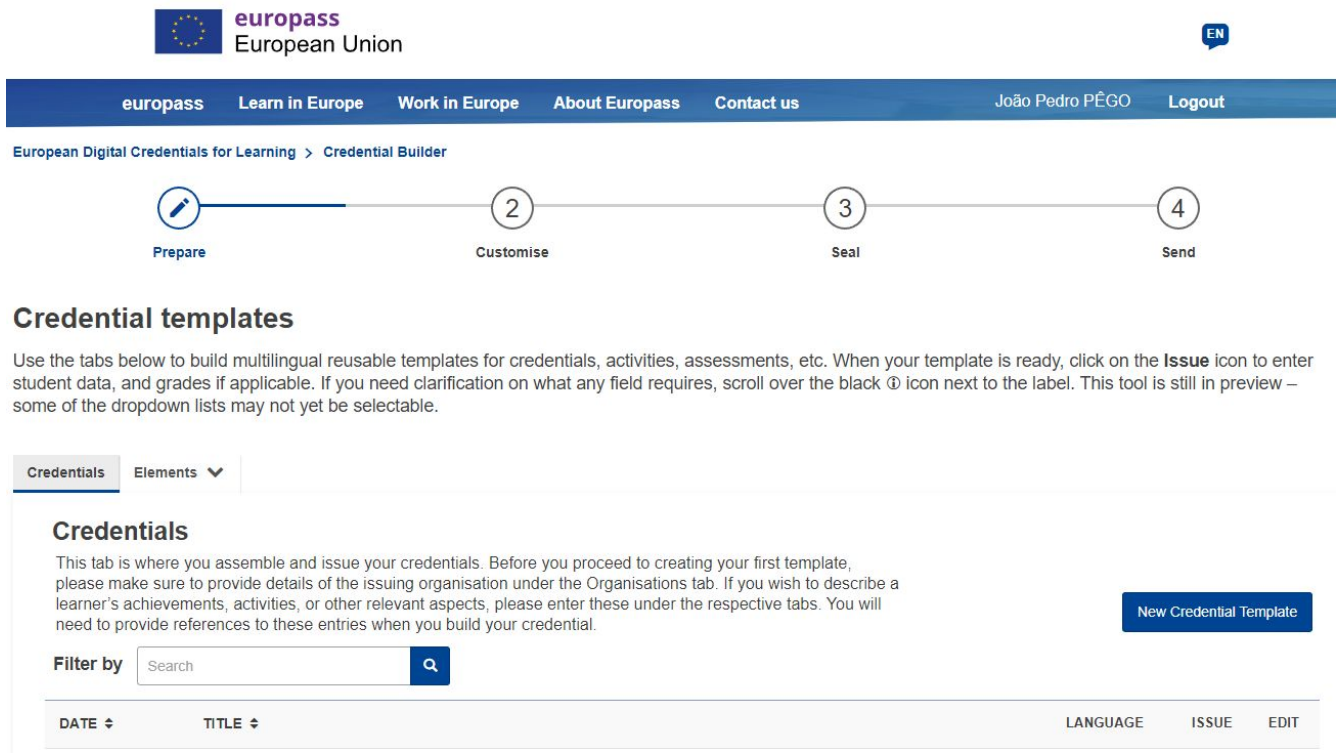
Choose the digital certificate and enter the PIN.





Online Credential Builder

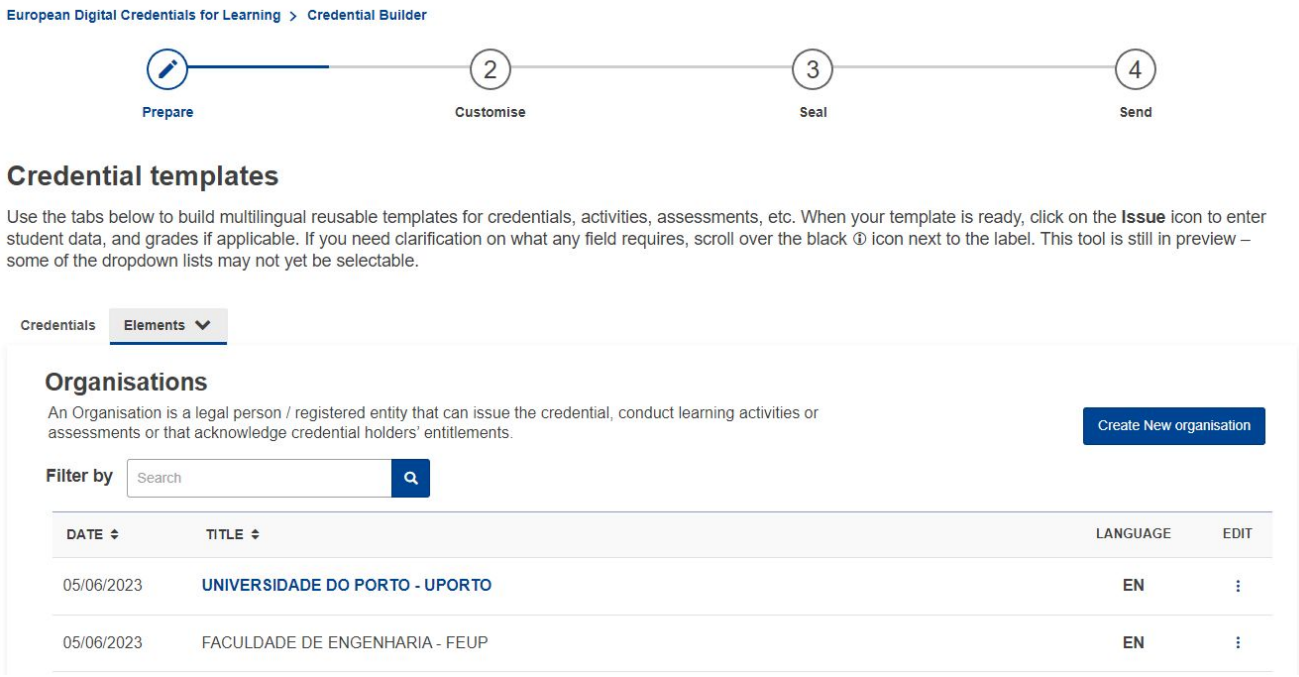
In the “Production” click “Online Credential Builder”



https://webgate.acceptance.ec.europa.eu/europass/edci-issuer/#/home

OCB Elements

In the tab “Elements” you can create the elements that constitute an EDC. Start by creating an Organization.



https://webgate.acceptance.ec.europa.eu/europass/edci-issuer/#/home

OCB Elements

Fields marked with * are mandatory.

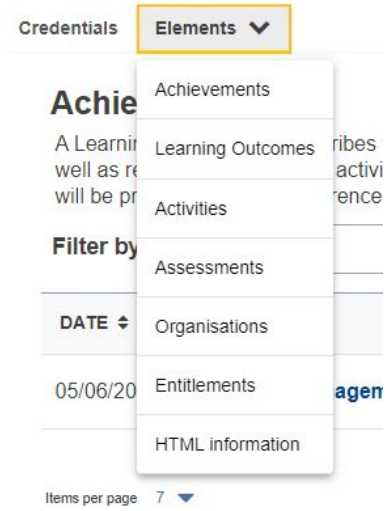
https://webgate.acceptance.ec.europa.eu/europass/edci-issuer/#/home

OCB Elements

Create the other elements in this order:

- Learning Outcomes
- Activities
- Assessments

Achievements



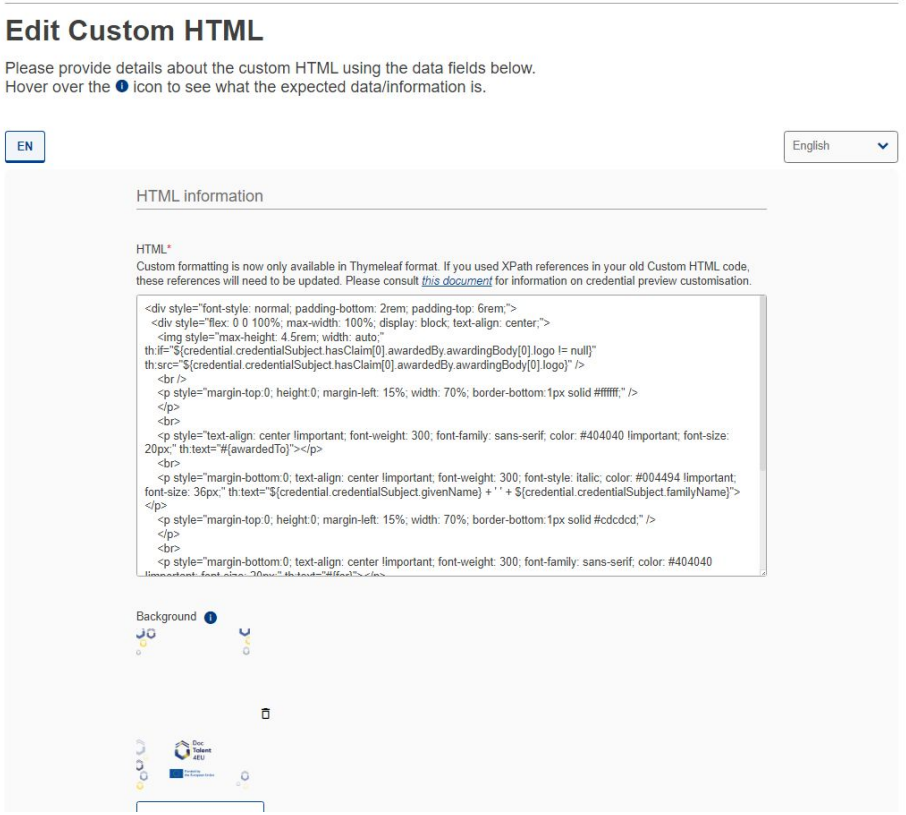
Achievements are built with the previous elements.

Don’t forget to include the ESCO skills in Learning Outcomes!

https://webgate.acceptance.ec.europa.eu/europass/edci-issuer/#/home

OCB Elements

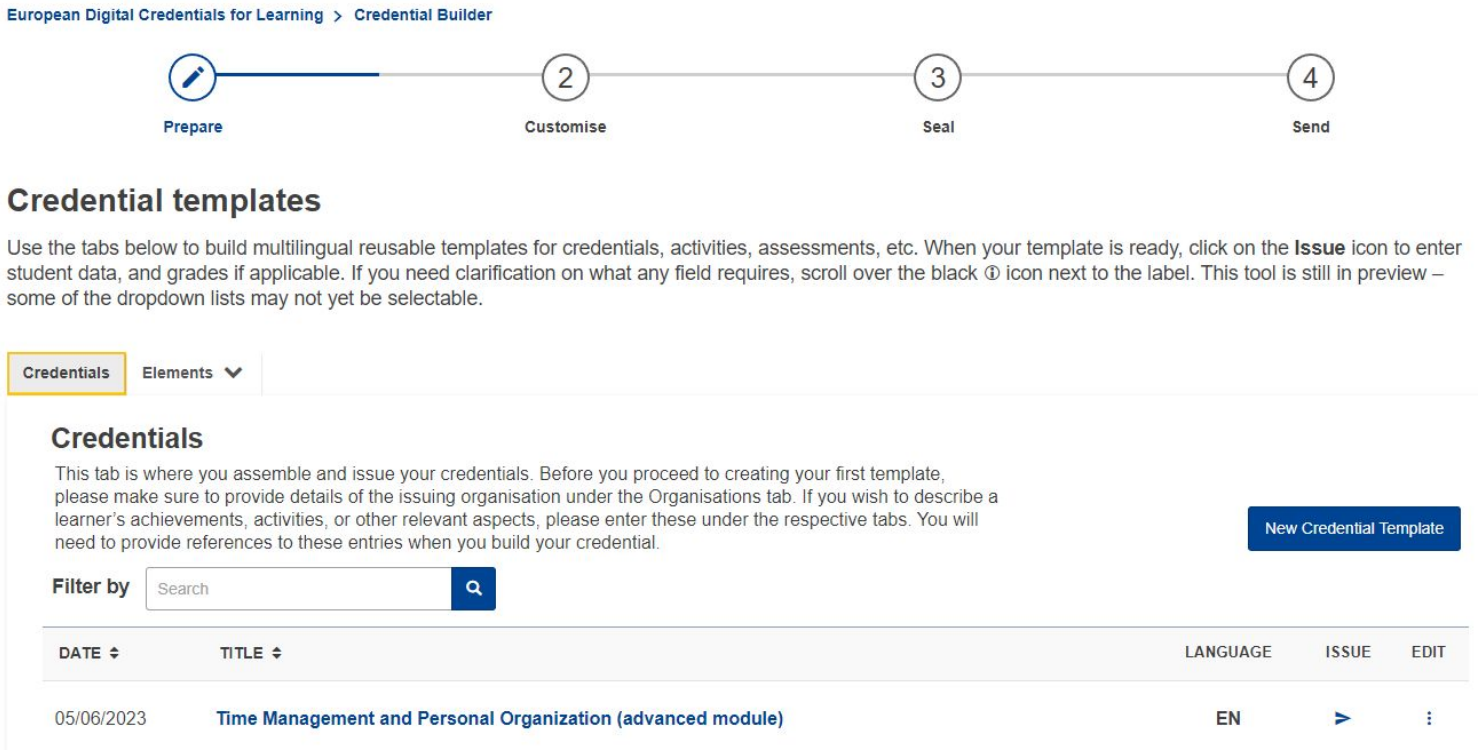
The HTML template allows to customize the EDC's first page



https://webgate.acceptance.ec.europa.eu/europass/edci-issuer/#/home

OCB Credentials

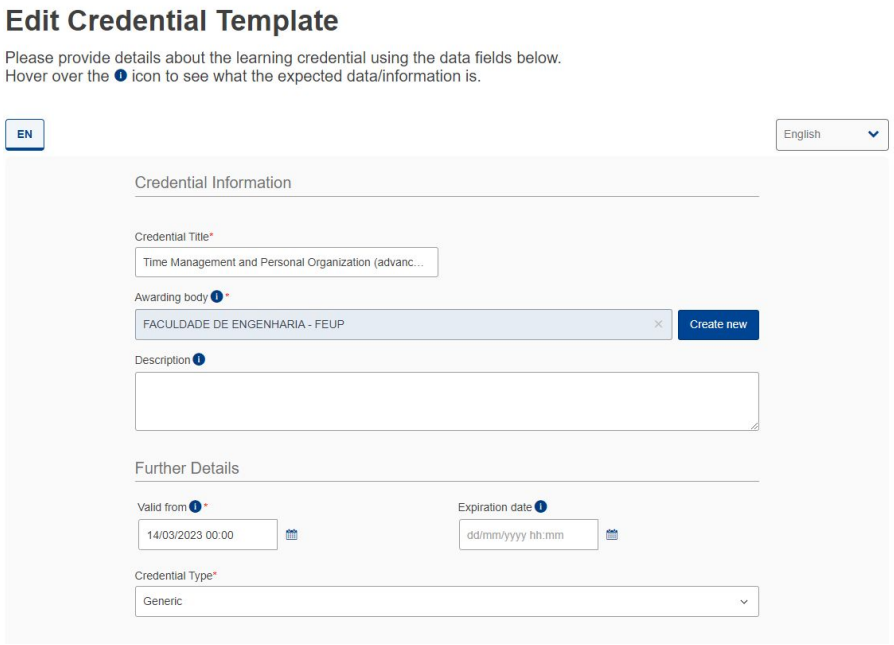
In the tab “Credentials ” you can create EDC.

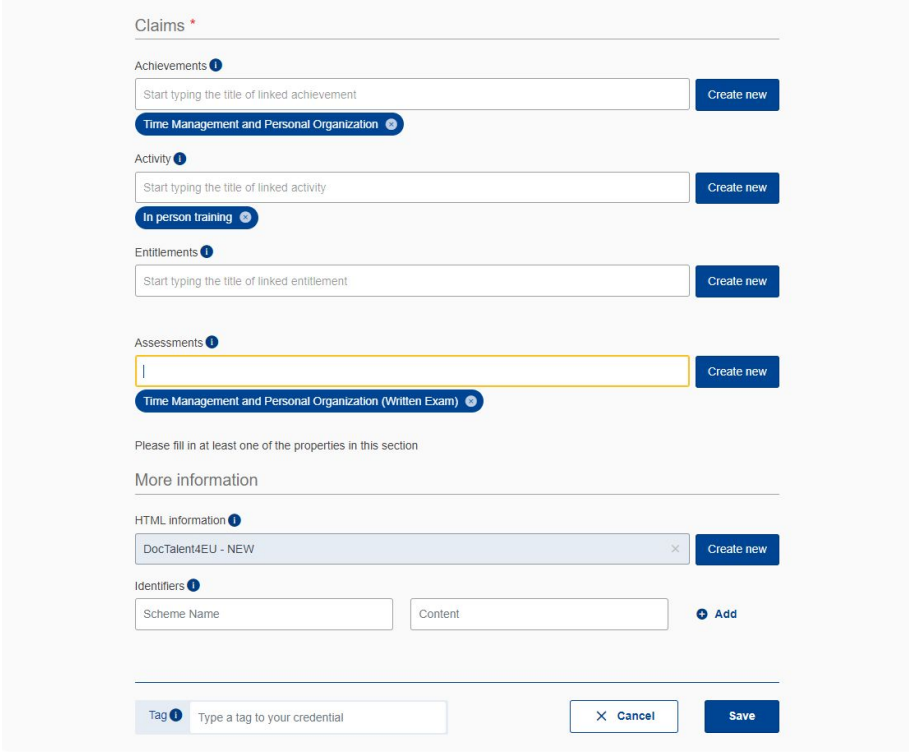


https://webgate.acceptance.ec.europa.eu/europass/edci-issuer/#/home

OCB Credentials

An EDC assimilates the previous data (Organization, achievements, activities, ...)

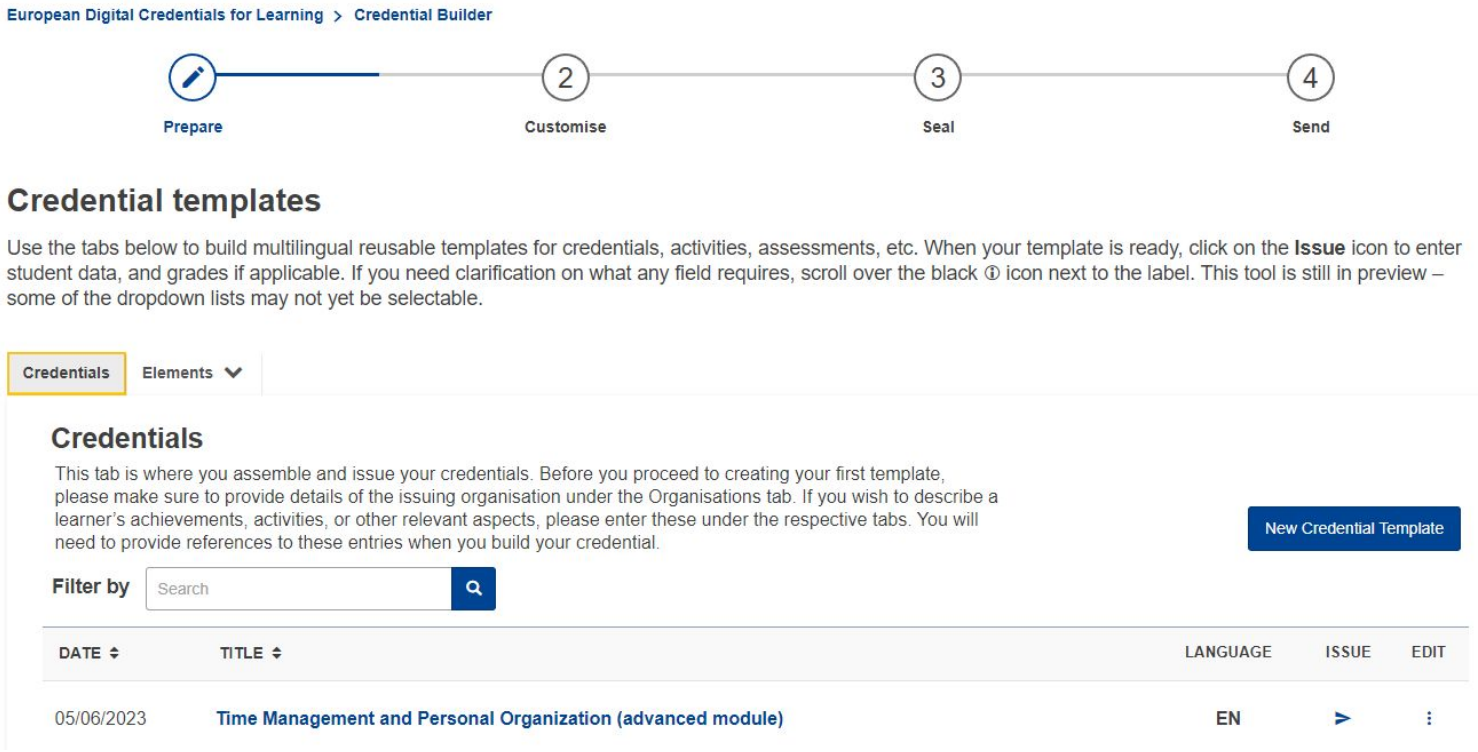




https://webgate.acceptance.ec.europa.eu/europass/edci-issuer/#/home

OCB Credential issuing

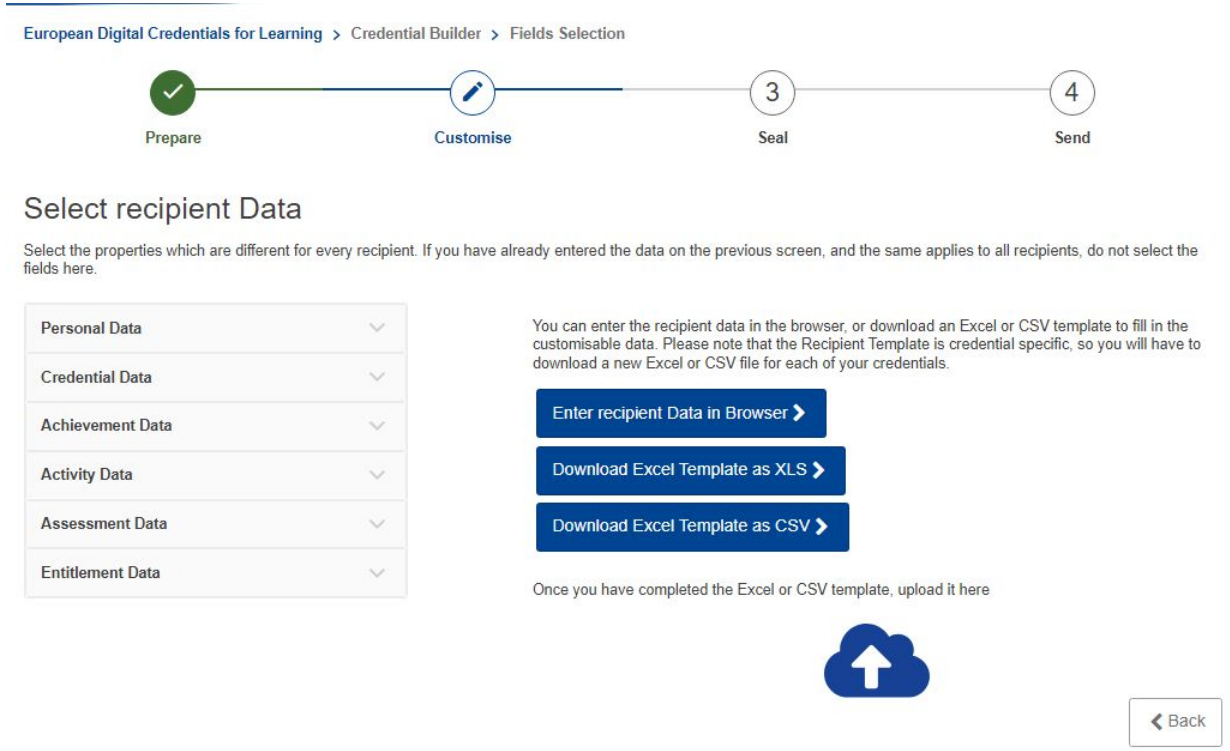
In the tab “Credentials ” click “ISSUE”



https://webgate.acceptance.ec.europa.eu/europass/edci-issuer/#/home

OCB Credential metadata

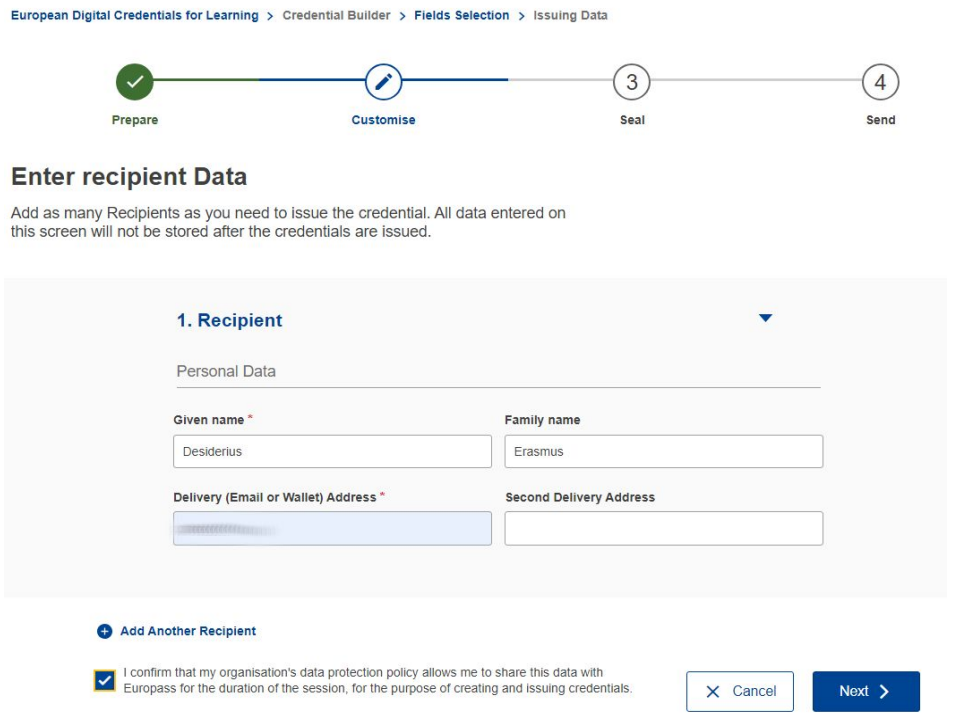
Click “Enter recipient Data in Browser”



https://webgate.acceptance.ec.europa.eu/europass/edci-issuer/#/home

OCB Credential metadata

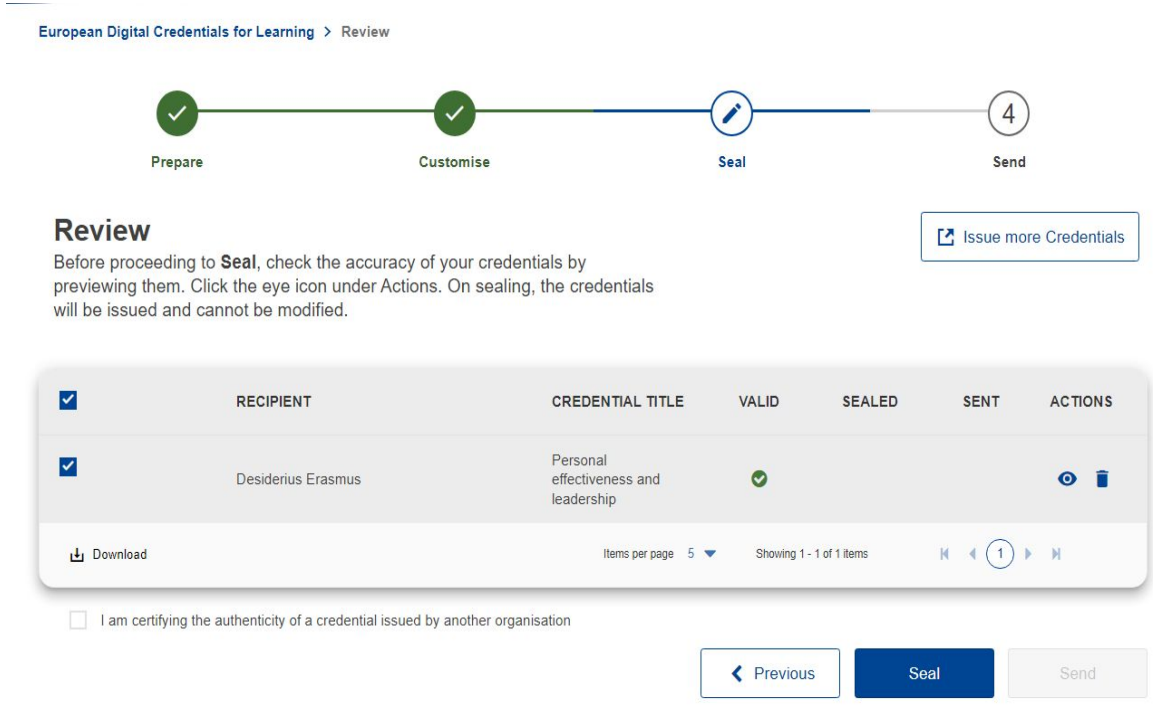
Enter the recipient's data. Click "Next"



https://webgate.acceptance.ec.europa.eu/europass/edci-issuer/#/home

OCB Credential sealing

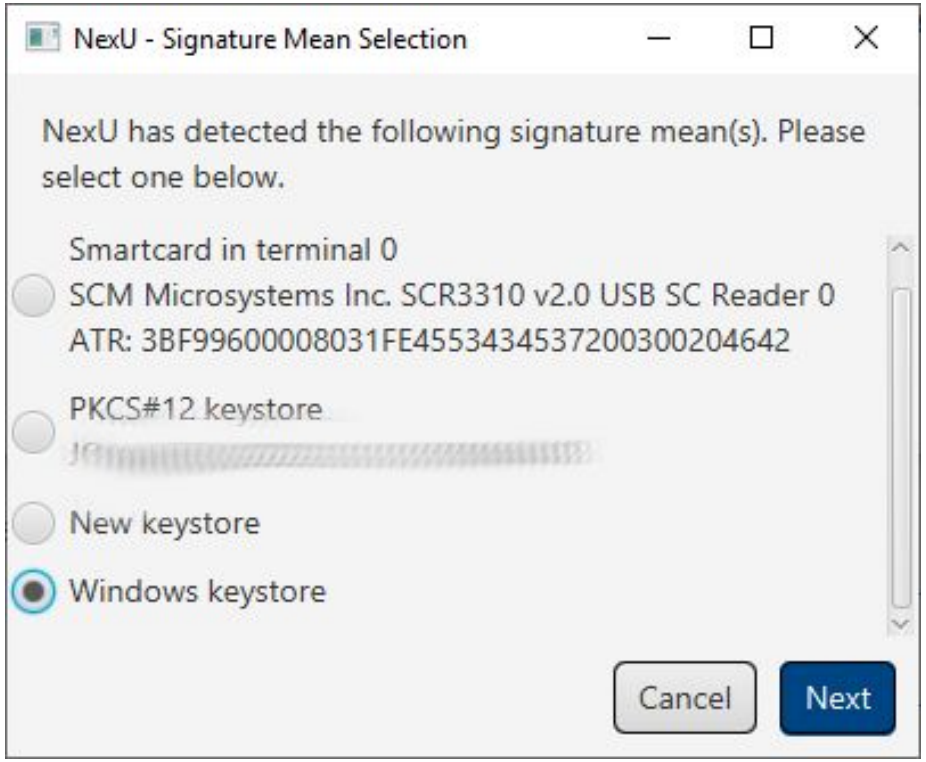
Select the recipient and click “SEAL”

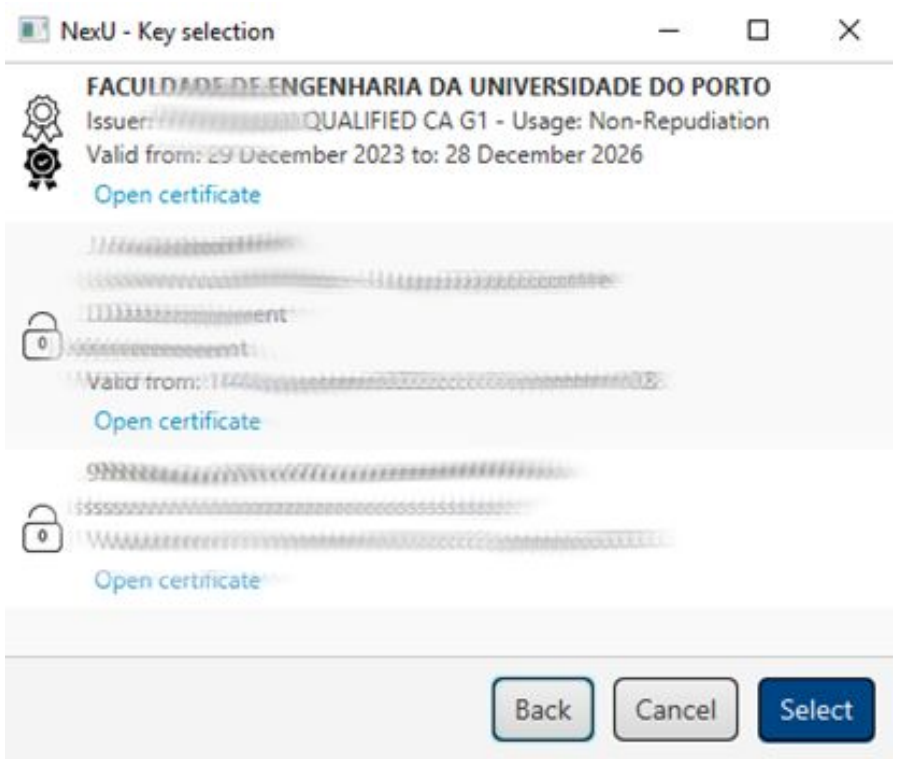


https://webgate.acceptance.ec.europa.eu/europass/edci-issuer/#/home

OCB Credential sealing

Choose the previously created seal and provide the password.

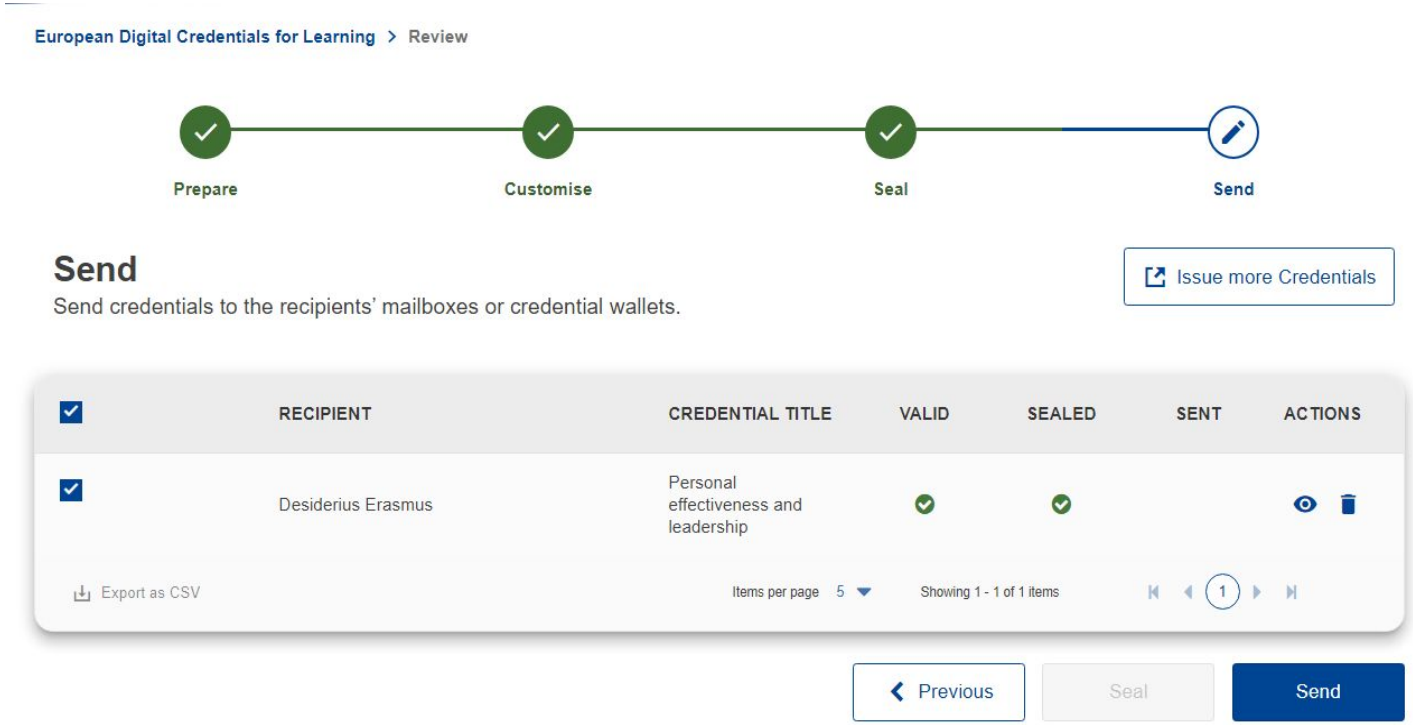




https://webgate.acceptance.ec.europa.eu/europass/edci-issuer/#/home

OCB Credential sending

Press the send button.



https://webgate.acceptance.ec.europa.eu/europass/edci-issuer/#/home

Email with EDC

Your Personal effectiveness and leadership Inbox ×

automated-notifications@nomail.ec.europa.eu

17:26 (0 minutes ago)

Translate to Chinese

Dear Desiderius Erasmus,

You have received a European Digital Credential from FACULDADE DE ENGENHARIA DA UNIVERSIDADE DO PORTO titled: "Personal effectiveness and leadership", please find it enclosed in Json-Ld format. This file contains information about your achievement and can be validated to ensure its authenticity.

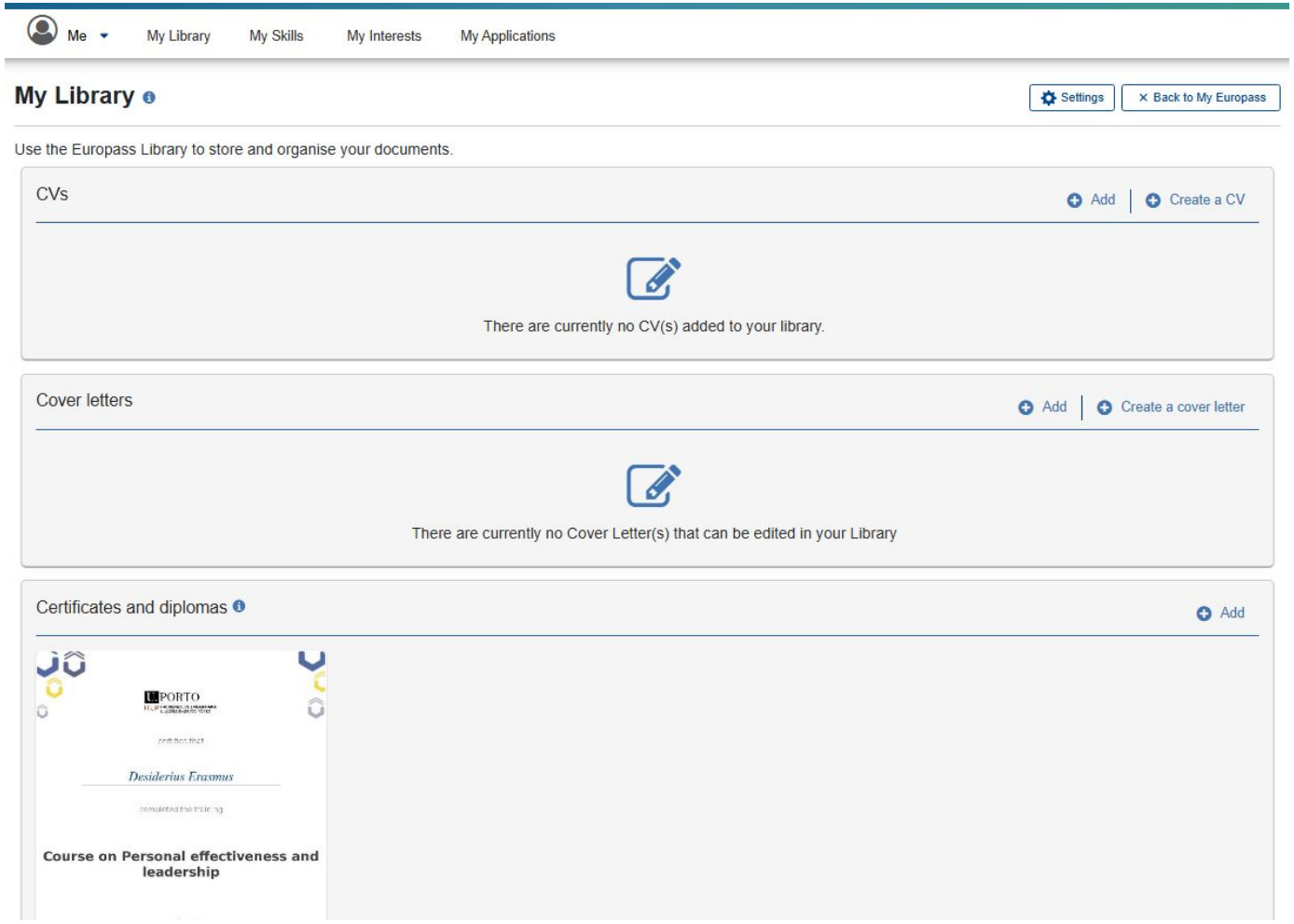
To view your credential, first you have to save the attachment, then visit https://webgate.acceptance.ec.europa.eu/europass/edci-viewer where you can upload the file to visualise its content. From here you will also be able to print, export and validate the credential.

The Europass Team

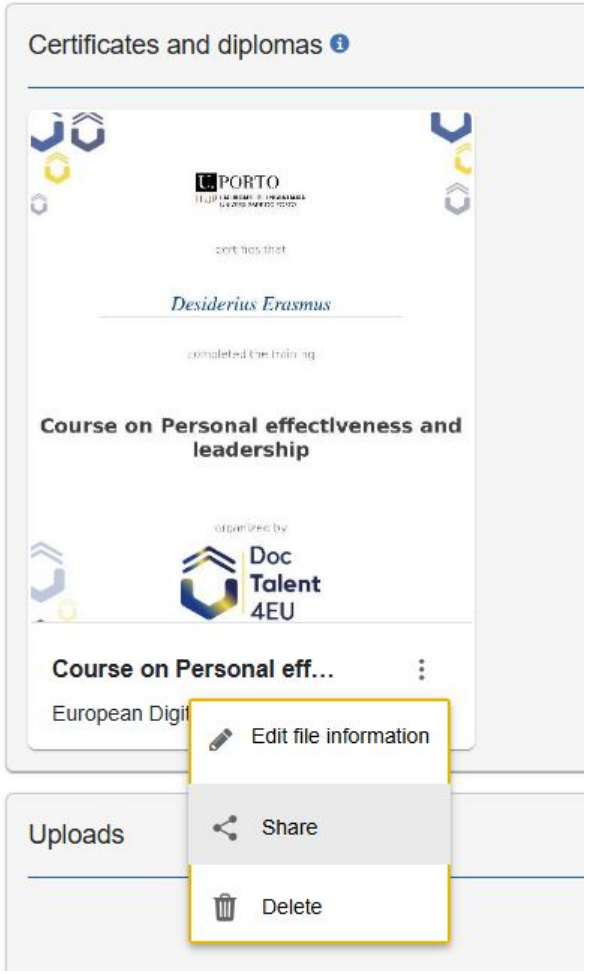
One attachment • Scanned by Gmail

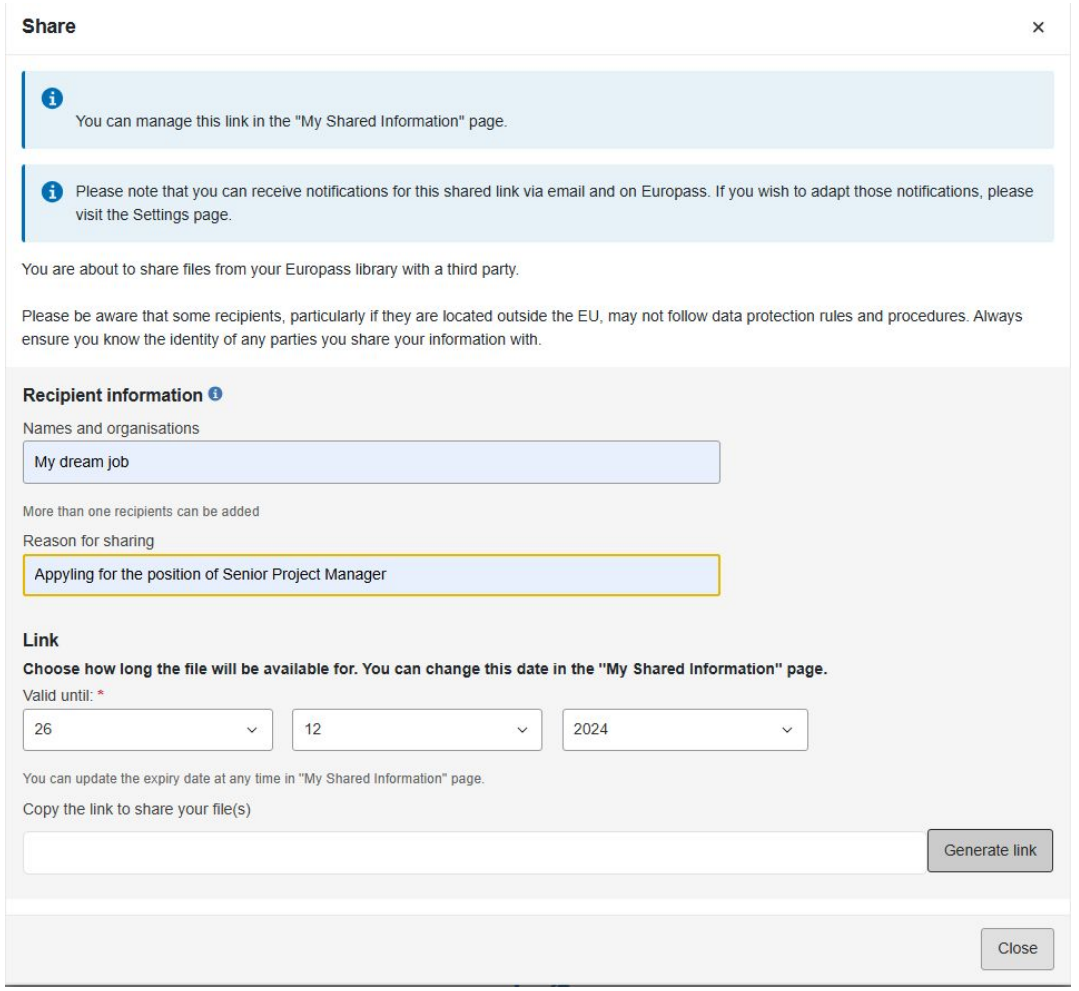
Desiderius Erasm...

EDCI wallet

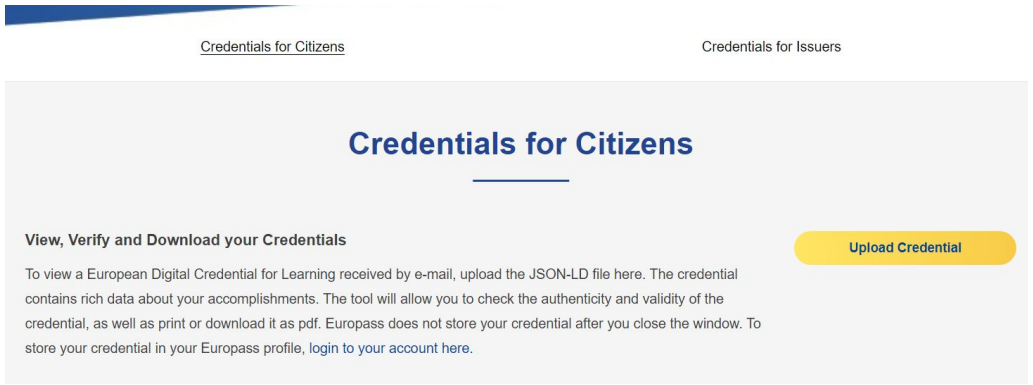

Me
My Library
My Skills
My Interests
My Applications
My Library
Settings
Back to My Europass
Use the Europass Library to store and organise your documents.
CVs
Add
Create a CV
There are currently no CV(s) added to your library.
Cover letters
Add
Create a cover letter
There are currently no Cover Letter(s) that can be edited in your Library
Certificates and diplomas
Add
PORTO
Desiderius Erasmus
Course on Personal effectiveness and leadership

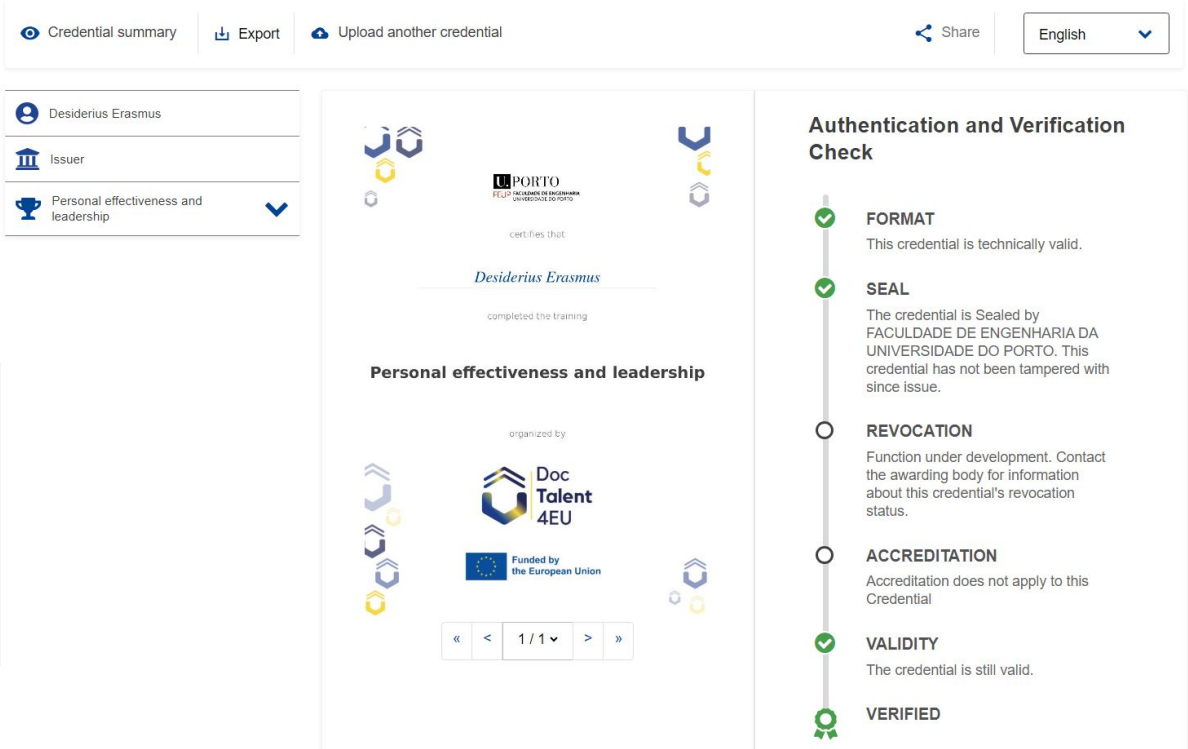
EDCI wallet


Certificates and diplomas
Desiderius Erasmus
Course on Personal effectiveness and leadership
Doc Talent 4EU
Course on Personal eff...
Edit file information
Share
Delete
Uploads

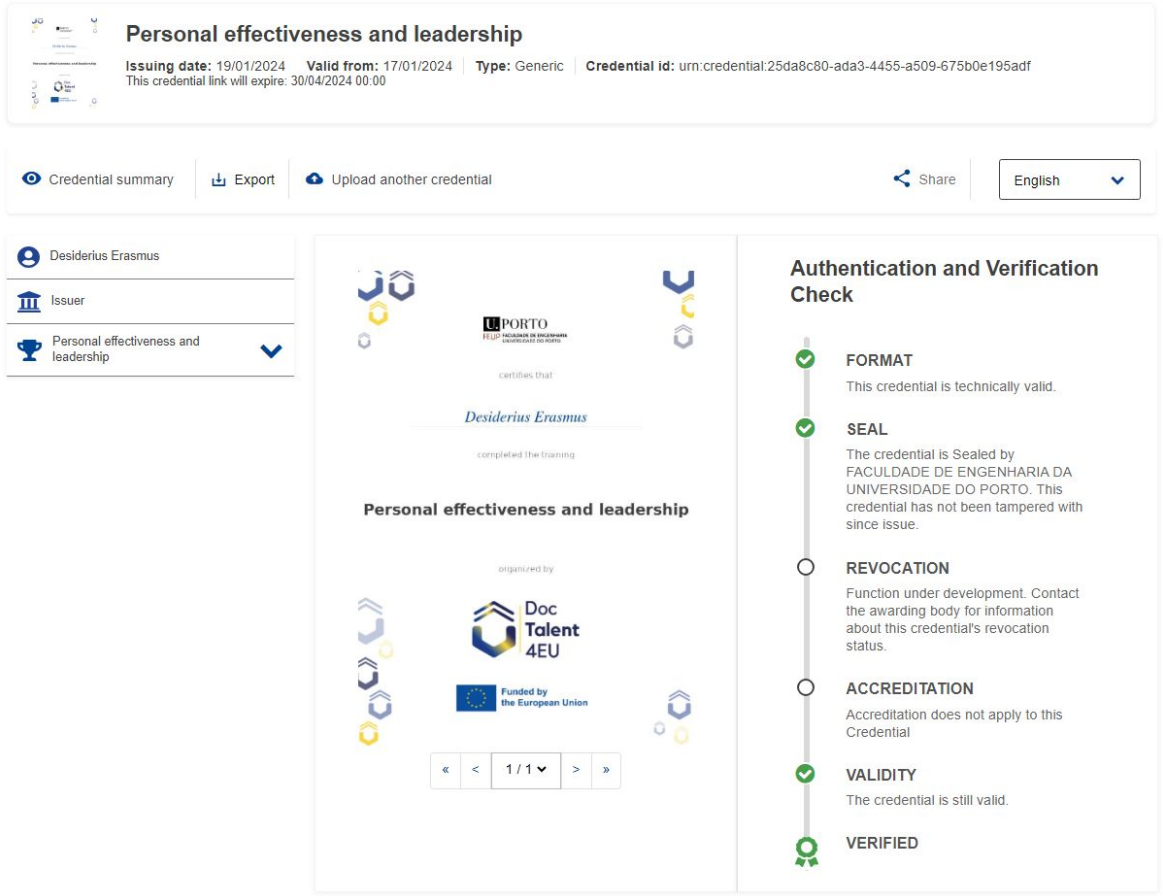

Share
You can manage this link in the "My Shared Information" page.
Please note that you can receive notifications for this shared link via email and on Europass. If you wish to adapt those notifications, please visit the Settings page.
You are about to share files from your Europass library with a third party.
Please be aware that some recipients, particularly if they are located outside the EU, may not follow data protection rules and procedures. Always ensure you know the identity of any parties you share your information with.
Recipient information
Names and organisations
My dream job
More than one recipients can be added
Reason for sharing
Appyling for the position of Senior Project Manager
Link
Choose how long the file will be available for. You can change this date in the "My Shared Information" page.
Valid until: *
26
12
2024
You can update the expiry date at any time in "My Shared Information" page.
Copy the link to share your file(s)
Generate link
Close

EDCI viewer


Credentials for Citizens
Credentials for Issuers
Credentials for Citizens
View, Verify and Download your Credentials
To view a European Digital Credential for Learning received by e-mail, upload the JSON-LD file here. The credential contains rich data about your accomplishments. The tool will allow you to check the authenticity and validity of the credential, as well as print or download it as pdf. Europass does not store your credential after you close the window. To store your credential in your Europass profile, login to your account here.
Upload Credential


Credential summary
Export
Upload another credential
Share
English
Desiderius Erasmus
Issuer
Personal effectiveness and leadership
certifies that
Desiderius Erasmus
completed the training
Personal effectiveness and leadership
organized by
Doc Talent 4EU
Funded by the European Union
1 / 1
Authentication and Verification Check
FORMAT
This credential is technically valid.
SEAL
The credential is Sealed by FACULDADE DE ENGENHARIA DA UNIVERSIDADE DO PORTO. This credential has not been tampered with since issue.
REVOCATION
Function under development. Contact the awarding body for information about this credential's revocation status.
ACCREDITATION
Accreditation does not apply to this Credential
VALIDITY
The credential is still valid.
VERIFIED

EDCI viewer


Personal effectiveness and leadership
Issuing date: 19/01/2024 Valid from: 17/01/2024 Type: Generic Credential id: urn:credential:25da8c80-ada3-4455-a509-675b0e195adf
This credential link will expire: 30/04/2024 00:00
Credential summary
Export
Upload another credential
Share
English
Desiderius Erasmus
Issuer
Personal effectiveness and leadership
certifies that
Desiderius Erasmus
completed the training
Personal effectiveness and leadership
organized by
Doc Talent 4EU
Funded by the European Union
1 / 1
Authentication and Verification Check
FORMAT
This credential is technically valid.
SEAL
The credential is Sealed by FACULDADE DE ENGENHARIA DA UNIVERSIDADE DO PORTO. This credential has not been tampered with since issue.
REVOCATION
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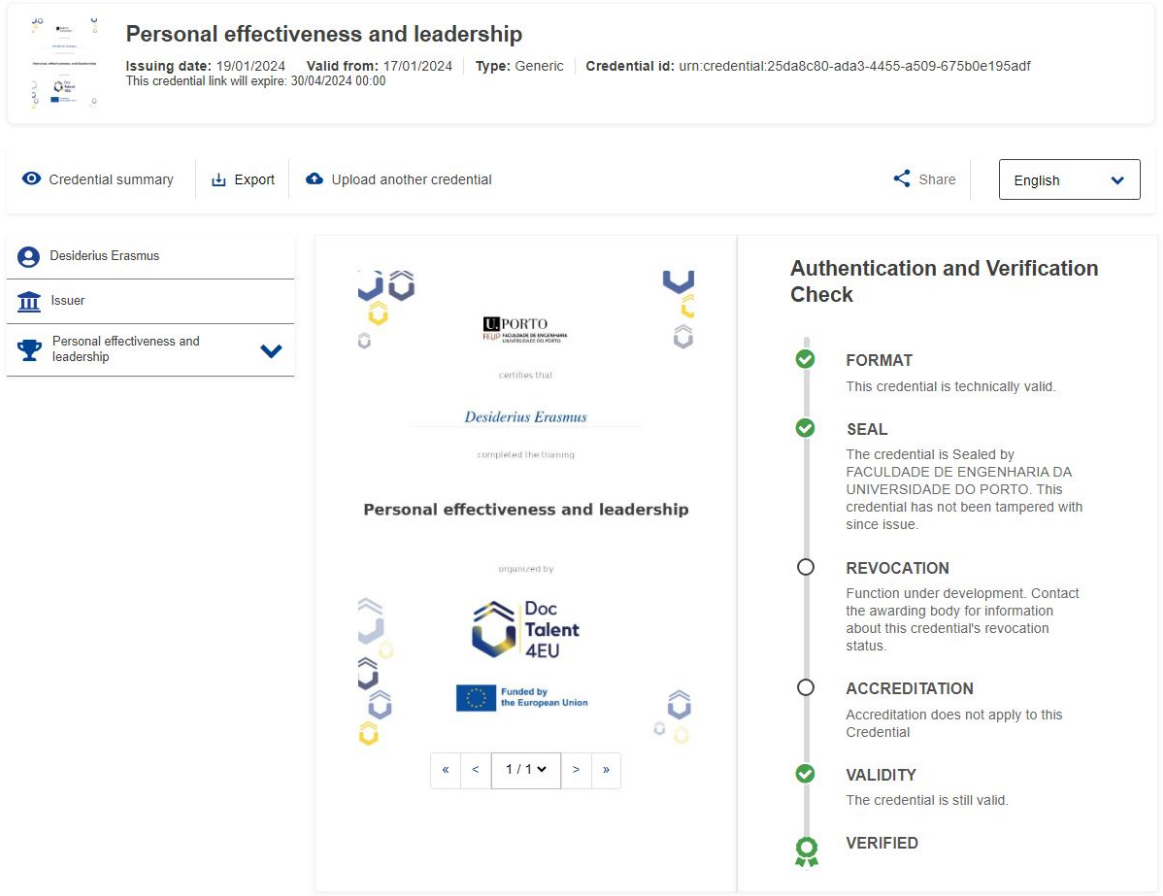
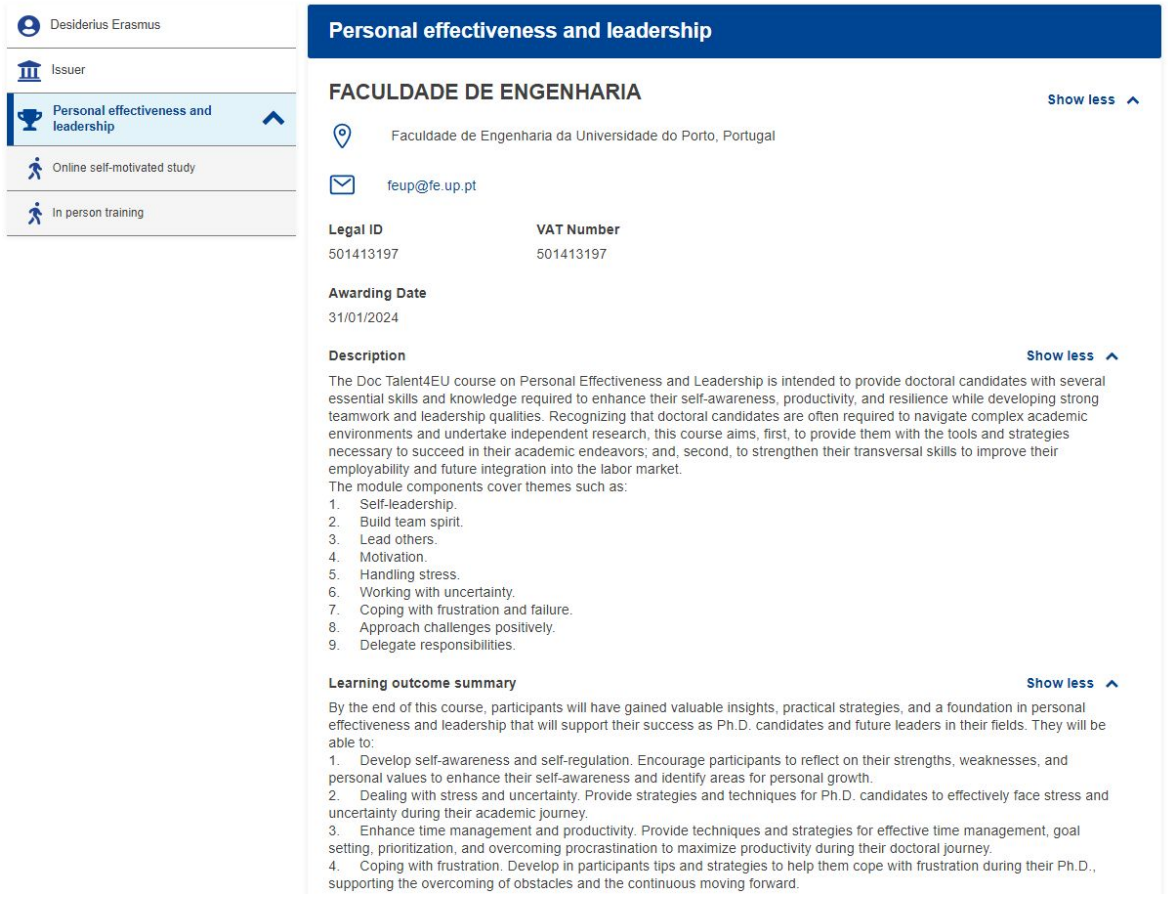
ACCREDITATION
Accreditation does not apply to this Credential
VALIDITY
The credential is still valid.
VERIFIED

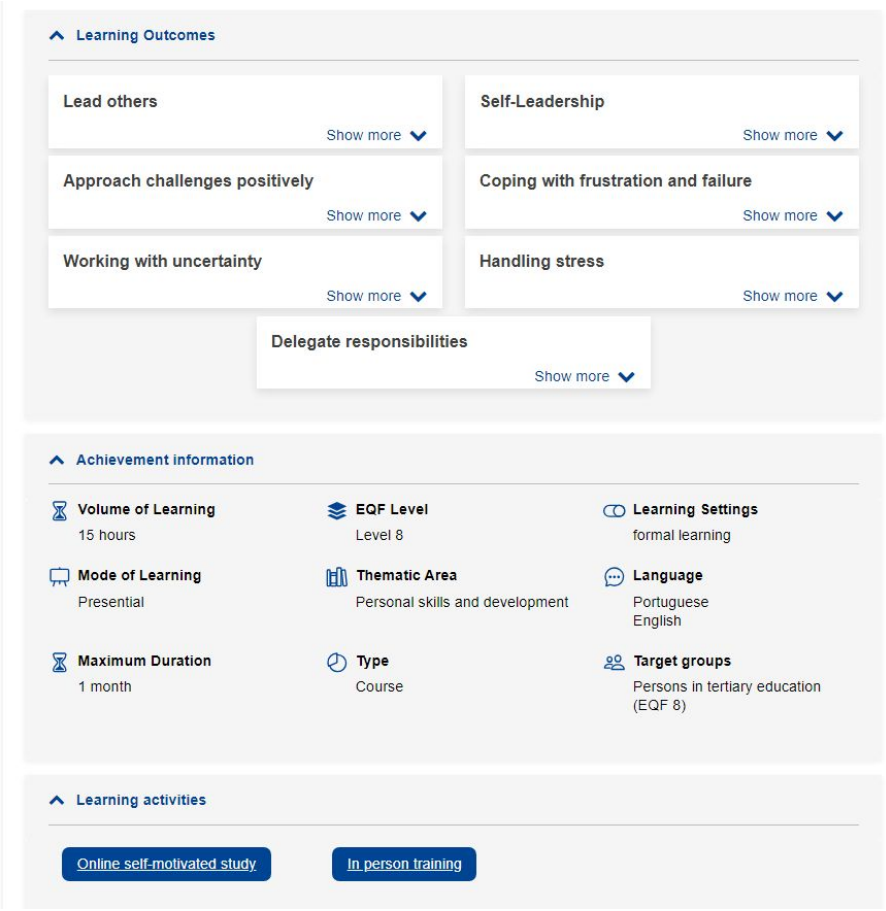
EDCI viewer


Personal effectiveness and leadership
Issuing date: 19/01/2024 Valid from: 17/01/2024 Type: Generic Credential id: urn:credential:25da8c80-ada3-4455-a509-675b0e195adf
This credential link will expire: 30/04/2024 00:00
Credential summary
Export
Upload another credential
Share
English
Desiderius Erasmus
Issuer
Personal effectiveness and leadership
certifies that
Desiderius Erasmus
completed the training
Personal effectiveness and leadership
organized by
Doc Talent 4EU
Funded by the European Union
1 / 1
Authentication and Verification Check
FORMAT
This credential is technically valid.
SEAL
The credential is Sealed by FACULDADE DE ENGENHARIA DA UNIVERSIDADE DO PORTO. This credential has not been tampered with since issue.
REVOCATION
Function under development. Contact the awarding body for information about this credential's revocation status.
ACCREDITATION
Accreditation does not apply to this Credential
VALIDITY
The credential is still valid.
VERIFIED

EDCI viewer


Desiderius Erasmus
Issuer
Personal effectiveness and leadership
Online self-motivated study
In person training
Personal effectiveness and leadership
FACULDADE DE ENGENHARIA
Show less
Faculdade de Engenharia da Universidade do Porto, Portugal
feup@fe.up.pt
Legal ID
501413197
VAT Number
501413197
Awarding Date
31/01/2024
Description
Show less
The Doc Talent4EU course on Personal Effectiveness and Leadership is intended to provide doctoral candidates with several essential skills and knowledge required to enhance their self-awareness, productivity, and resilience while developing strong teamwork and leadership qualities. Recognizing that doctoral candidates are often required to navigate complex academic environments and undertake independent research, this course aims, first, to provide them with the tools and strategies necessary to succeed in their academic endeavors; and, second, to strengthen their transversal skills to improve their employability and future integration into the labor market.
The module components cover themes such as:
1. Self-leadership.
2. Build team spirit.
3. Lead others.
4. Motivation.
5. Handling stress.
6. Working with uncertainty.
7. Coping with frustration and failure.
8. Approach challenges positively.
9. Delegate responsibilities.
Learning outcome summary
Show less
By the end of this course, participants will have gained valuable insights, practical strategies, and a foundation in personal effectiveness and leadership that will support their success as Ph.D. candidates and future leaders in their fields. They will be able to:
1. Develop self-awareness and self-regulation. Encourage participants to reflect on their strengths, weaknesses, and personal values to enhance their self-awareness and identify areas for personal growth.
2. Dealing with stress and uncertainty. Provide strategies and techniques for Ph.D. candidates to effectively face stress and uncertainty during their academic journey.
3. Enhance time management and productivity. Provide techniques and strategies for effective time management, goal setting, prioritization, and overcoming procrastination to maximize productivity during their doctoral journey.
4. Coping with frustration. Develop in participants tips and strategies to help them cope with frustration during their Ph.D., supporting the overcoming of obstacles and the continuous moving forward.

EDCI viewer


Learning Outcomes
Lead others
Show more
Self-Leadership
Show more
Approach challenges positively
Show more
Coping with frustration and failure
Show more
Working with uncertainty
Show more
Handling stress
Show more
Delegate responsibilities
Show more
Achievement information
Volume of Learning
15 hours
EQF Level
Level 8
Learning Settings
formal learning
Mode of Learning
Presential
Thematic Area
Personal skills and development
Language
Portuguese
English
Maximum Duration
1 month
Type
Course
Target groups
Persons in tertiary education (EQF 8)
Learning activities
Online self-motivated study
In person training

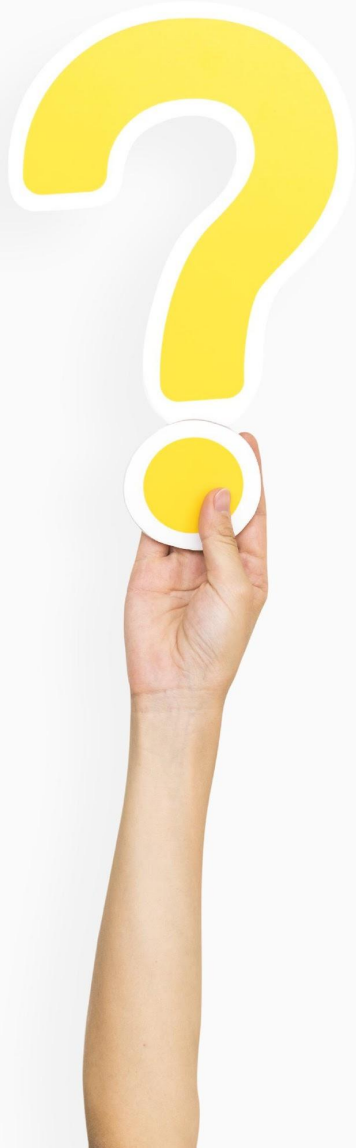
Adopting Digital Credentials in Doctoral Education: What You Need to Know

Success factors

- Support from administration
- Communication between involved stakeholders
- Timely acquisition of eSeal (Advanced or Qualified)
- Read documentation carefully
- Use the support team help
- Futurium group
- Automated issuing of EDC using in-house implementation of the EDCI issuer

Limitations and challenges

- Issued digital credentials are not stored
- EDC templates are bound to individual accounts and environment
- Embedded ESCO skills (recently v1.1.1)
- ResearchComp skills framework
- Incomplete or outdated documentation
- Digital credentials metadata fields limitations (e.g. only integers)



Questions?

Doc
Talent
4EU
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the European Union
ONLINE WORKSHOP
Implementing Local Talent Management Centres in Higher Education
December 4th, 10:00 - 11:30 CET
SAVE THE DATE

Doc Talent 4EU

Thank you for your attention

https://doctalent4eu.eu/

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