



EUROPEAN  
Higher Education Area



# Digital Solutions for the Verification of Authenticity and Quality Assurance

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Public Seminar on Automatic Recognition  
28 April 2023, Tirana

Colin Tück



Co-funded by  
the European Union



## Rome Communiqué:

“We will ensure automatic recognition of academic qualifications and periods of study within the EHEA so that students, staff and graduates are able to move freely to study, teach and do research.”

## EU Council:

By 2025 “automatic mutual recognition for the purpose of further learning without having to go through a separate recognition procedure”

# Key prerequisites



- Qualifications Framework aligned with QF-EHEA/EQF
- Quality assurance aligned with European Standards and Guidelines (ESG)
- Efficient check of authenticity of documents

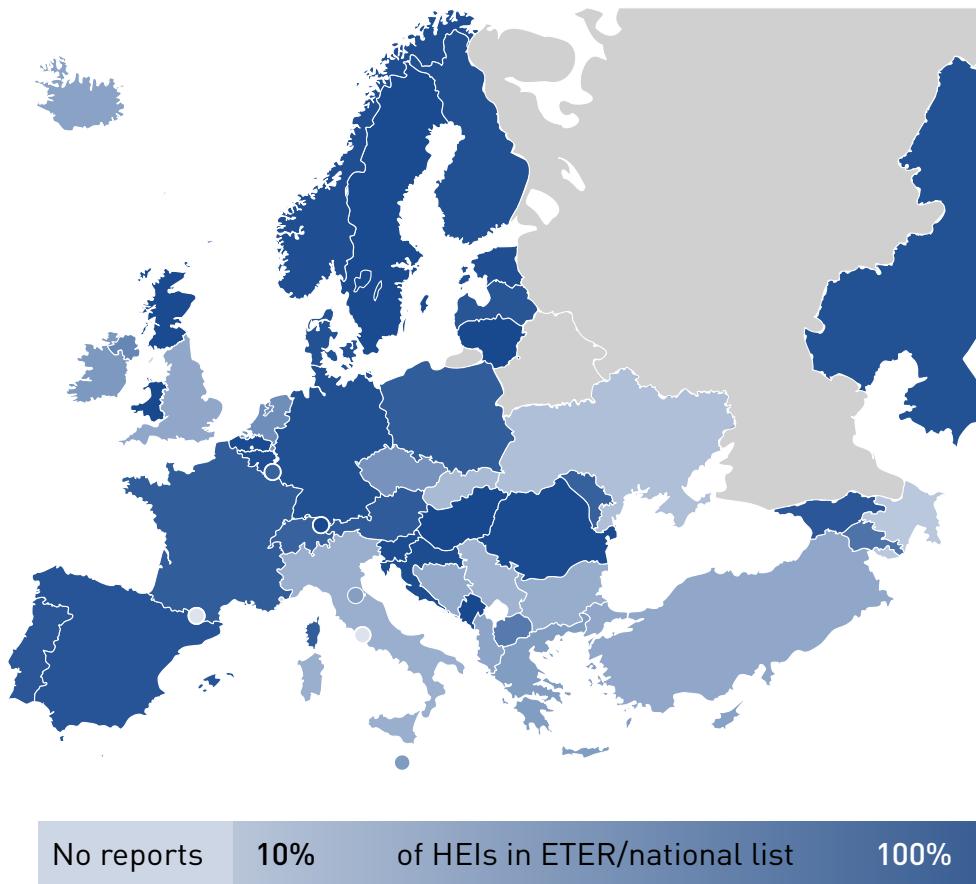
(Rome Communiqué **and** EU Council Recommendation)

# DEQAR: “quality at your fingertips”



<https://www.deqar.eu/>

- Launched in 2018, now:  
**87 015 reports on 3 564 HEIs**
- Easy access to **accreditation/evaluation reports** by EQAR-registered agencies
- **Uploads by EQAR-registered agencies** using API, CSV or manual
- Fully open data, public API available for integrations



# Integration for recognition

- For ENIC-NARICs or HE institutions
- Automated lookup of data via API
- Example: CIMEA / Diplo.me
- Further DEQAR CONNECT pilots: France, Romania, Netherlands, Poland

**CERTIFICATION COMPARABILITY**

Reference N. [REDACTED] Date 24-02-2021

Name of the holder [REDACTED] Date of birth [REDACTED]

Name of the qualification Bachelor in Banking and Finance Awarding year 2020

Issue country Albania Awarding institution [Validate with deqar](#)

Awarding institution   
Validate with deqar

Status of institution [REDACTED] Teaching institution

Type of qualification [REDACTED] Classification/Level 1st cycle QF-EHEA / EQF level 6

Duration 3 years Workload 180 ECTS

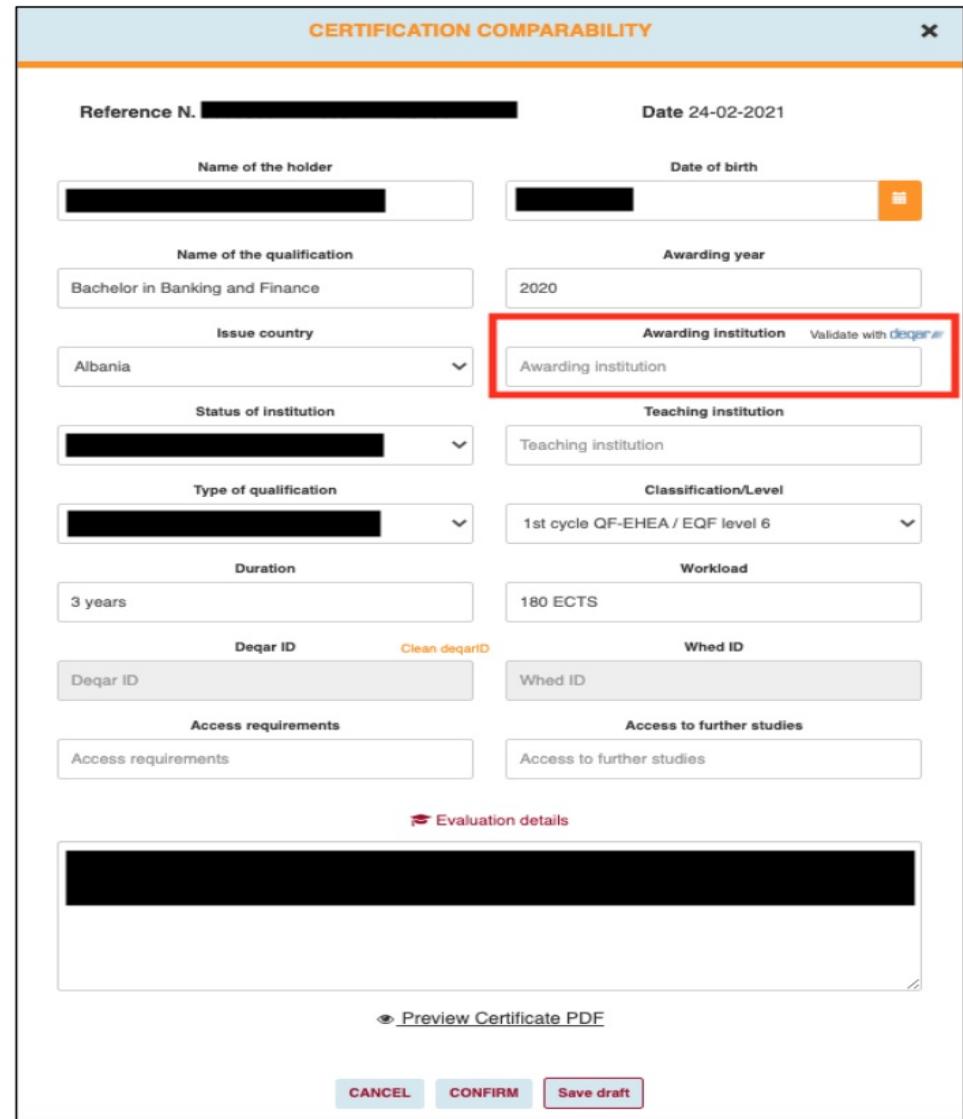
Deqar ID [Clean deqarID](#) Whed ID

Access requirements Access to further studies

[Evaluation details](#)

[Preview Certificate PDF](#)

[CANCEL](#) [CONFIRM](#) [Save draft](#)



# European Digital Credentials (EDC) & European Blockchain Services Infrastructure (EBSI)

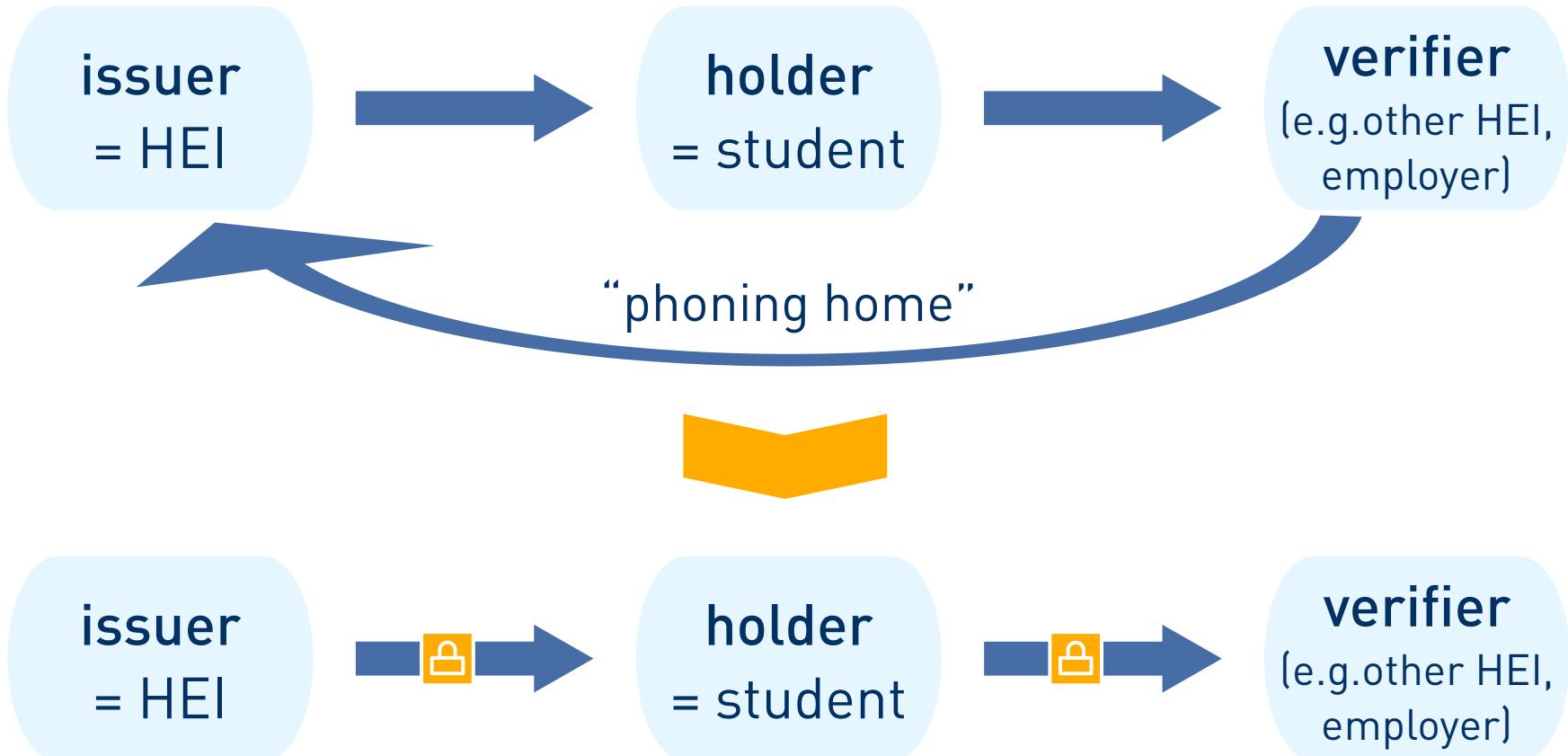


- EU initiatives for digital (education) credentials
  - EDC: specific to education & skills
  - EBSI: wider scope, all types of credentials
- Data model for both:  
European Learning Model (ELM)
- Self-sovereign: personal data controlled by user, no central database or registry
- Authenticity ensured and tamper-proof through cryptographic signatures



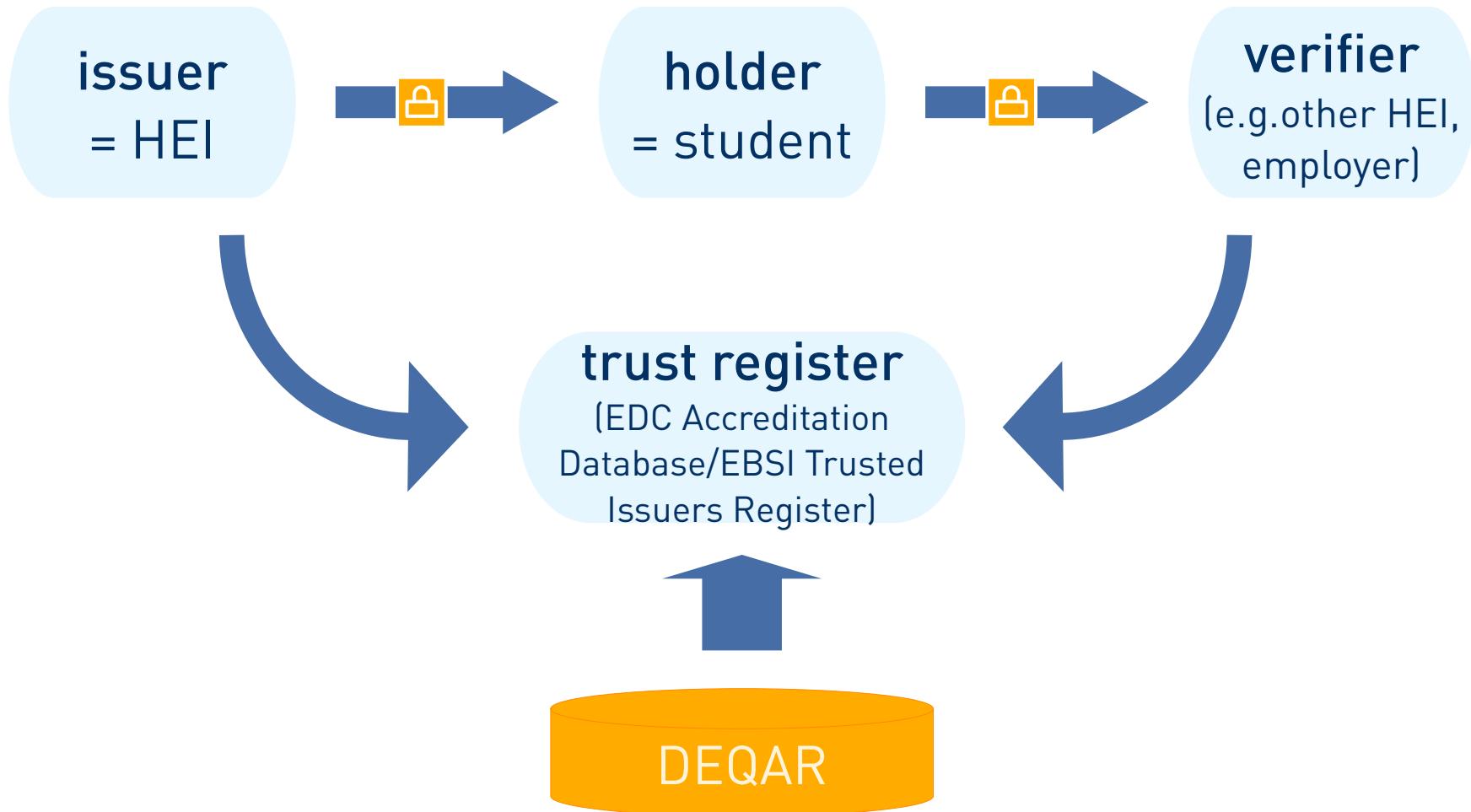
# Quality assurance and digital credentials

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# Quality assurance and digital credentials

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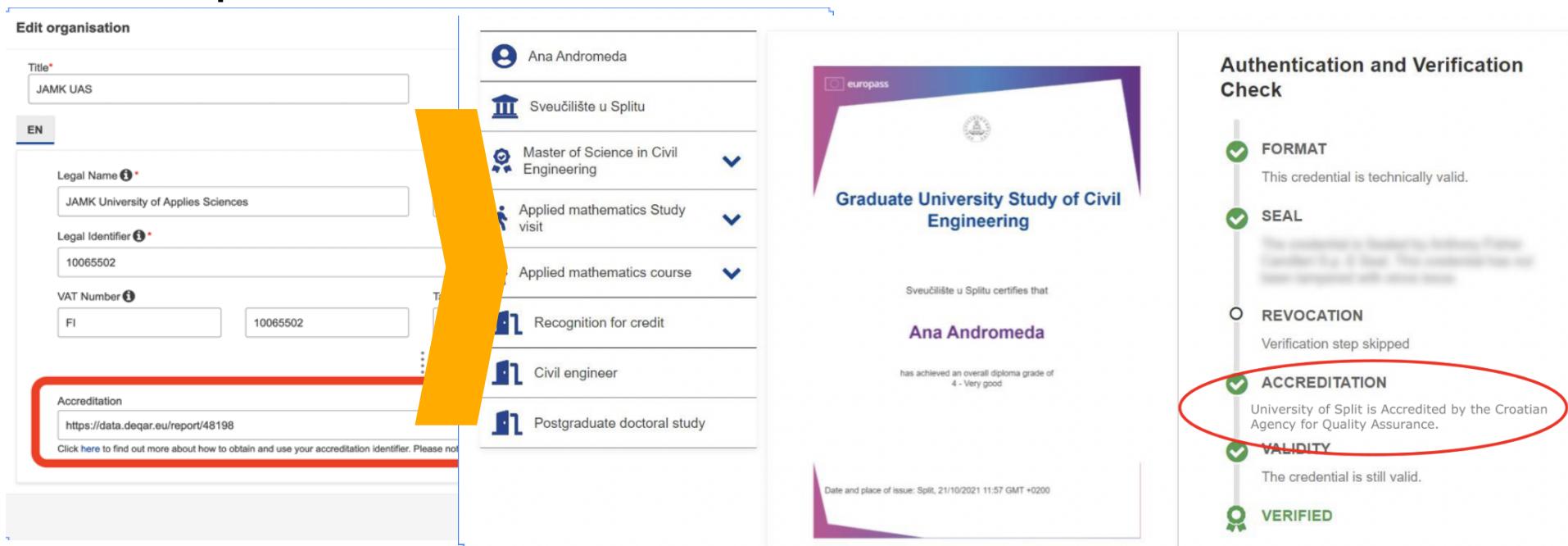


# DEQAR integration with EDC & EBSI



- Make use of existing QA arrangements
- Export all DEQAR data to EDC/EBSI
- Allow easy uptake by HE institutions with ESG-aligned QA

## Example EDC Issuer & Verifier:



The image shows a composite screenshot of the EDC (European Diploma Supplement) Issuer and Verifier interface. On the left, the 'Edit organisation' section is visible, showing basic information like the name 'JAMK UAS' and VAT number '10065502'. A red box highlights the 'Accreditation' field, which contains the URL <https://data.deqar.eu/report/48198>. A large orange arrow points from this field to a list of academic records on the right. This list includes: 'Ana Andromeda' (Sveučilište u Splitu, Master of Science in Civil Engineering), 'Applied mathematics Study visit', 'Applied mathematics course', 'Recognition for credit', 'Civil engineer', and 'Postgraduate doctoral study'. On the right, the 'europa pass' document is shown, which certifies Ana Andromeda as a Graduate of the University of Split, Civil Engineering, with an overall diploma grade of '4 - Very good'. The document is dated 21/10/2021. Finally, the 'Authentication and Verification Check' section on the far right lists several green checkmarks: 'FORMAT' (This credential is technically valid), 'SEAL' (Verification step skipped), 'REVOCATION' (Verification step skipped), 'ACCREDITATION' (University of Split is Accredited by the Croatian Agency for Quality Assurance), 'VALIDITY' (The credential is still valid), and 'VERIFIED'.

More on these topics?

eqar //

- Peer-Learning Activities on Digital Tools in Recognition
  - Input – 19 September 2023
  - Throughput – 19 October 2023
  - Output – 21 November 2023
- Organised online by CIMEA, Nuffic & EQAR within the TPG-LRC CoRE project

Thank you

Contact:

[colin.tueck@eqar.eu](mailto:colin.tueck@eqar.eu)