

Interoperability of European databases and use of DEQAR for recognition purposes

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OCTRA Project 2 - Final conference: “Evolving landscape of
qualifications: Information provision for transparency and
transferability”

17 October 2024, Riga, Latvia

EQAR's Mission and Role

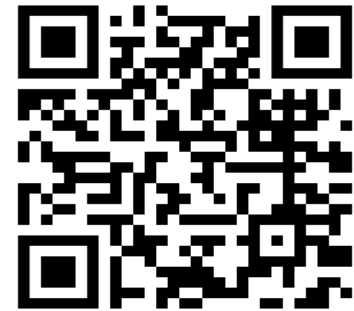
- EHEA's **official register of quality assurance agencies** that comply with the **Standards and Guidelines for Quality Assurance in the EHEA (ESG)**: currently 56 agencies
- Non-profit and independent organisation
- Acting in the public interest



DEQAR: “quality at your fingertips”

eqar

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

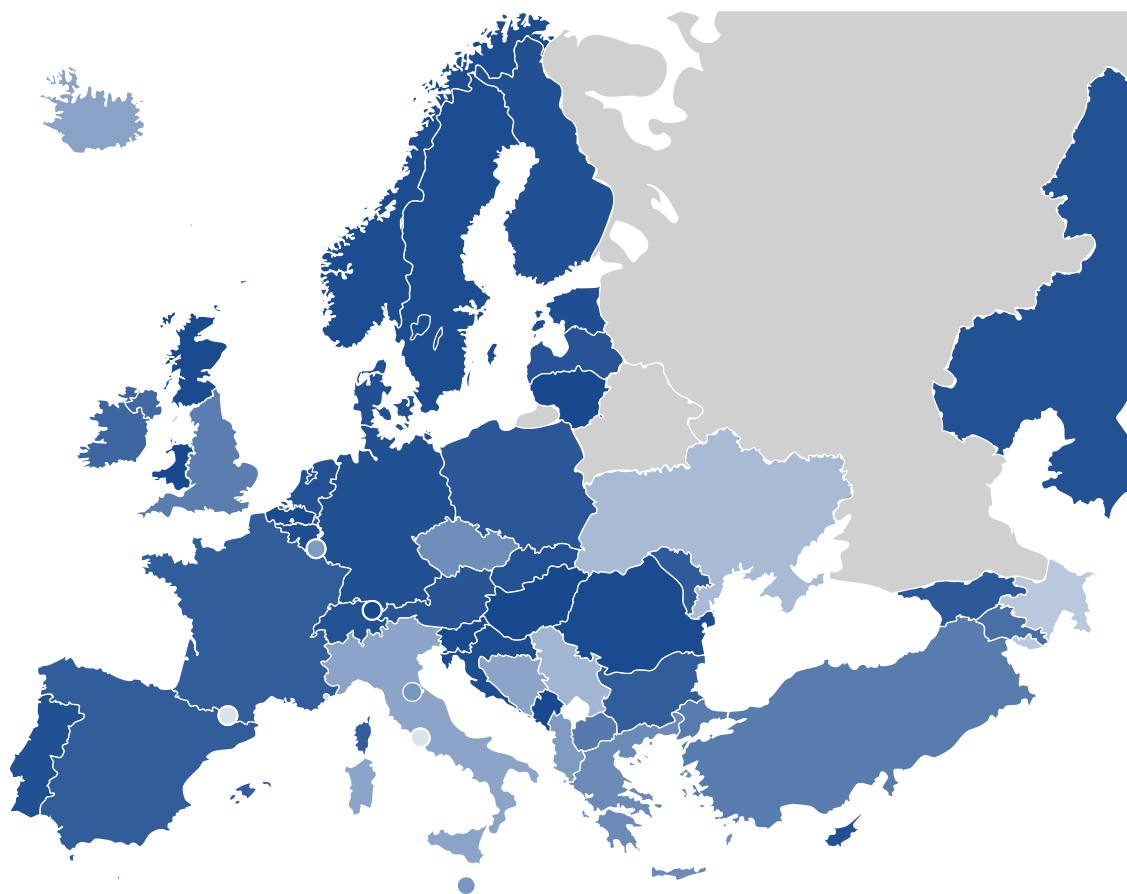


- Created in 2018
- Enhance trust and transparency in the EHEA and responds to needs of different stakeholders
- Easy access to external quality assurance (QA) reports (i.e. **accreditations and evaluations**) and decisions by EQAR-registered agencies (**ONLY higher education**)
- Accreditations and evaluations uploaded by EQAR registered QA agencies – both on institutional and programme level

DEQAR Key Figures



	October 2024
Reports	108 189
HE Institutions (at least 1 report)	4153
Higher Education Systems (≥ 50% of HEIs)	32
Agencies	56



No reports

10%

of HEIs in ETER/national list

100%

Latvia in (D)EQAR

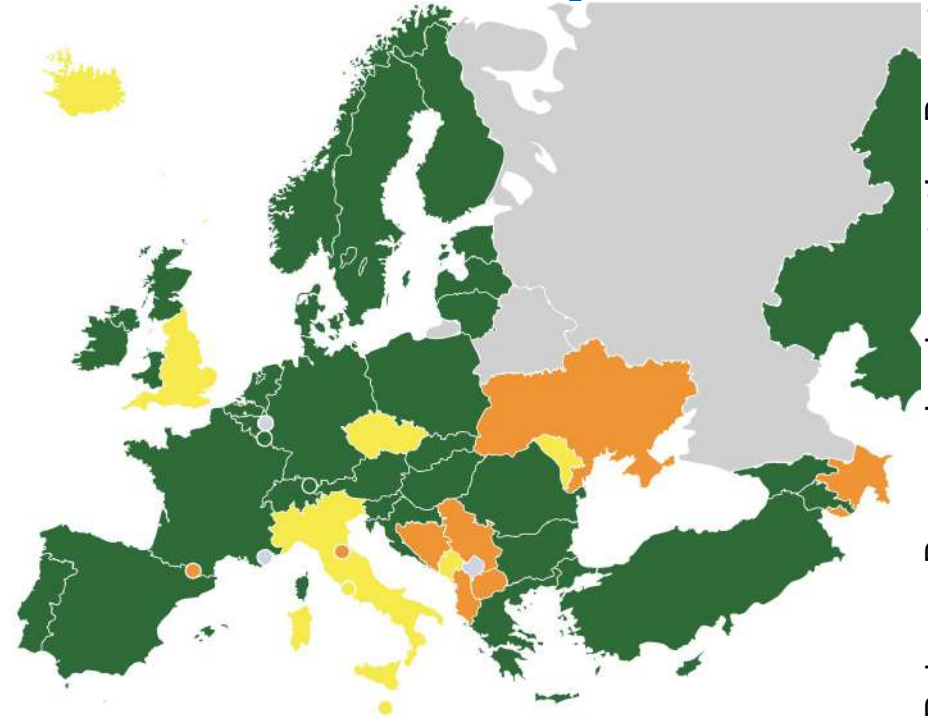


EQAR

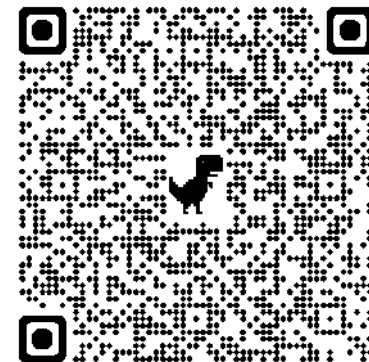
- Latvia has been a Governmental Member of EQAR since **May 2011**
- EQAR registration is sufficient for foreign agencies to perform CBQA

DEQAR

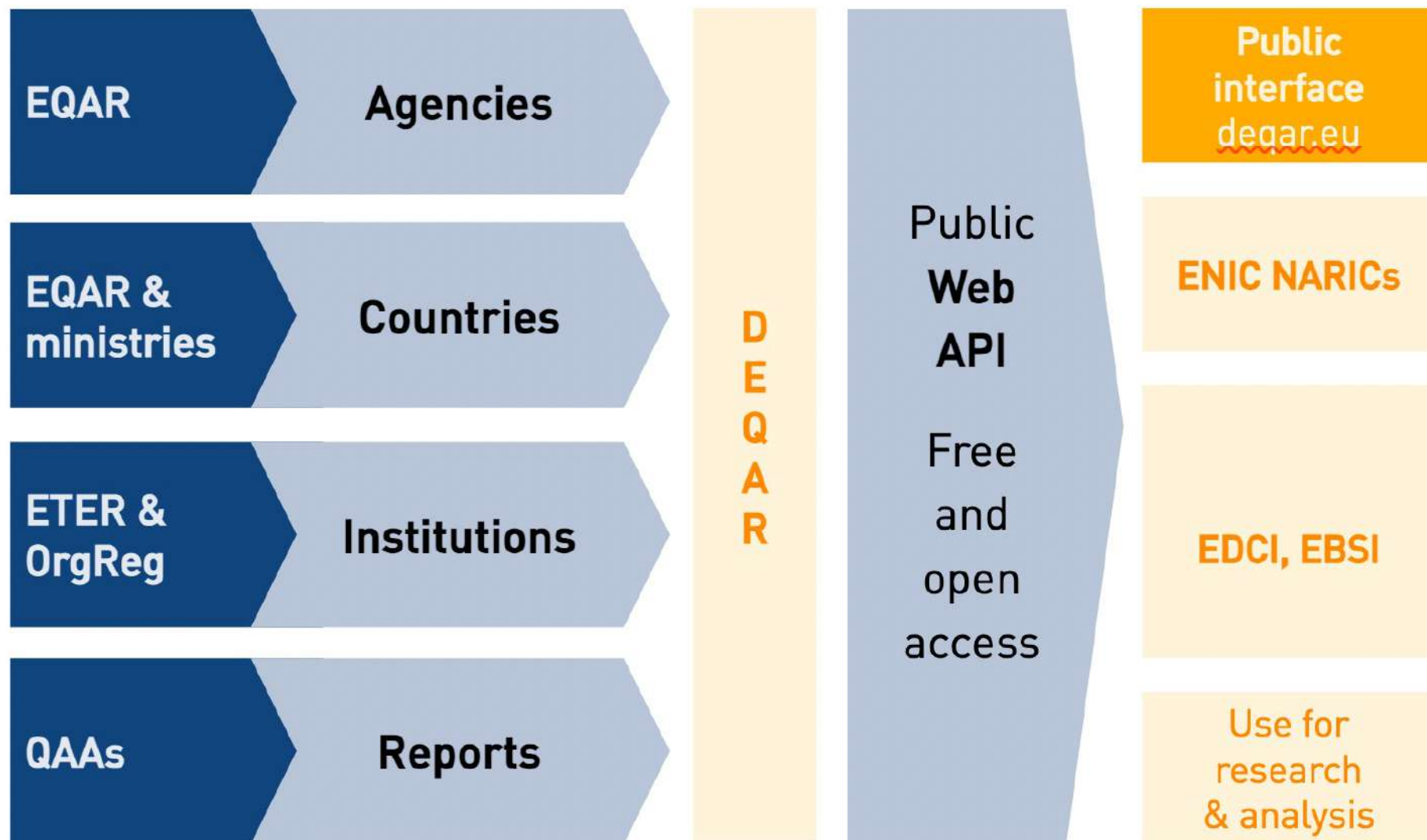
- **38 providers** covered
- **All** but one report are by **AIC**
- Mostly **programme accreditations**



Bologna Process Implementation Report



DEQAR Architecture

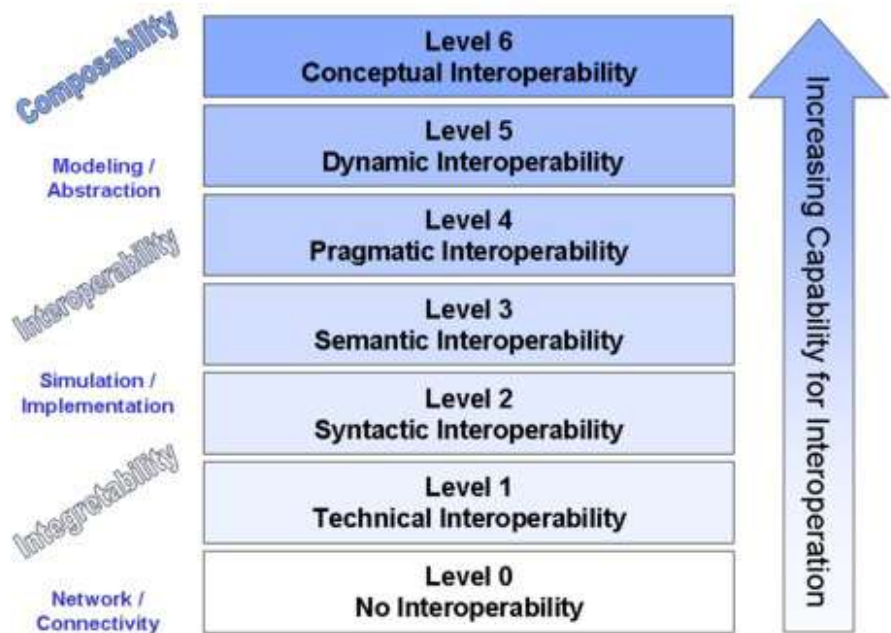


Concept of interoperability



- **Definition:** The **ability of computer systems** or software to **exchange and make use** of information.

Different levels of connectivity



- EU Higher Education Interoperability framework initiative (aimed at EU – As)

[Link to the Manifesto for EHEI Framework](#)

Interoperability of DEQAR



Data intake – European Tertiary Education Register (ETER/OrgReg)

- Main list of institutions comes from ETER
- Extract of particular set of information
- Automatically updated every 24h

The screenshot displays the DEQAR data intake interface. On the left, a sidebar titled "Groups of Variables" lists three categories: "Identifying Variables" (1 of 7 variables selected), "Core Set of Data" (1 of 42 variables selected), and "Core Set of Data (+ flags and remarks)" (1 of 80 variables selected). The main area shows four columns of variables: "Basic institutional descriptors", "Geographic information", "Expenditures", and "Revenue". Each column has a "Select All" checkbox and a list of specific variables. An orange arrow points to the "Identifying Variables" group, and another orange arrow points to the "Selection" button in the top right corner. The top right corner also shows a "Variables selected: 1" indicator.

Groups of Variables

- ☐ ☒ **Identifying Variables**
1 of 7 variables selected
This group of variables includes all variables needed to identify HEIs. Use this group as basis for further selections.
- ☐ ☒ **Core Set of Data**
1 of 42 variables selected
The ETER core dataset is a collection of totals in order to give quick access to the most relevant variables. Additionally, key descriptors are included in order to support data analysis.
- ☐ ☒ **Core Set of Data (+ flags and remarks)**
1 of 80 variables selected

☐ Select All Variables | ☐ Select all Filtered Variables | Filter variables | | Variables selected: 1

Basic institutional descriptors	Geographic information	Expenditures	Revenue
<input type="checkbox"/> Select All	<input type="checkbox"/> Select All	<input type="checkbox"/> Select All	<input type="checkbox"/> Select All
<input type="checkbox"/> ETER ID Year	<input type="checkbox"/> Region of establishment (NUTS 2)	<input type="checkbox"/> Personnel expenditure (NC)	<input type="checkbox"/> B
<input type="checkbox"/> ETER ID	<input type="checkbox"/> Region of establishment (NUTS 3)	<input type="checkbox"/> Personnel expenditure (EURO)	<input type="checkbox"/> B
<input type="checkbox"/> National identifier	<input type="checkbox"/> Sub-Country	<input type="checkbox"/> Personnel expenditure (PPP)	<input type="checkbox"/> B
<input type="checkbox"/> ROR ID	<input type="checkbox"/> Notes on region of establishment	<input type="checkbox"/> Flag Personnel expenditure	<input type="checkbox"/> FI
<input type="checkbox"/> WHED ID	<input type="checkbox"/> Name of the city	<input type="checkbox"/> Non-personnel expenditure (NC)	<input type="checkbox"/> O
<input checked="" type="checkbox"/> Institution Name	<input type="checkbox"/> Geographic coordinates - latitude	<input type="checkbox"/> Non-personnel expenditure (EURO)	<input type="checkbox"/> O
<input type="checkbox"/> English Institution Name	<input type="checkbox"/> Geographic coordinates - longitude	<input type="checkbox"/> Non-personnel expenditure (PPP)	<input type="checkbox"/> O
<input type="checkbox"/> Reference year	<input type="checkbox"/> Postcode	<input type="checkbox"/> Flag Non-personnel expenditure	<input type="checkbox"/> FI
<input type="checkbox"/> Institution Acronym	<input type="checkbox"/> Notes on city, postcode or coordinates	<input type="checkbox"/> Expenditure unclassified (NC)	<input type="checkbox"/> T
<input type="checkbox"/> Country Code	<input type="checkbox"/> Multi-site institution	<input type="checkbox"/> Expenditure unclassified (EURO)	<input type="checkbox"/> T
<input type="checkbox"/> Legal status	<input type="checkbox"/> NUTS 3 codes of other campuses	<input type="checkbox"/> Expenditure unclassified (PPP)	<input type="checkbox"/> T
<input type="checkbox"/> Notes on institution name	<input type="checkbox"/> Multi-site institution - City	<input type="checkbox"/> Flag Expenditure unclassified	<input type="checkbox"/> FI
<input type="checkbox"/> Institution Category - National Language	<input type="checkbox"/> Multi-site institution - Latitude	<input type="checkbox"/> Total Current expenditure (NC)	<input type="checkbox"/> P
<input type="checkbox"/> Institution Category - English	<input type="checkbox"/> Multi-site institution - Longitude	<input type="checkbox"/> Total Current expenditure (EURO)	<input type="checkbox"/> P

Interoperability of DEQAR

Data intake – EC's European skills, competences and occupations (ESCO) framework API



Learning outcomes

drawing

tend drawing kiln - <http://data.europa.eu/esco/sk>

cold drawing processes - <http://data.europa.eu/esco/sk>

technical drawings - <http://data.europa.eu/esco/sk>

tend bar drawing machine - <http://data.europa.eu/esco/sk>

create AutoCAD drawings - <http://data.europa.eu/esco/sk>

metal drawing processes - <http://data.europa.eu/esco/sk>

use artistic materials for drawing - <http://data.europa.eu/esco/sk>

drawing kiln operator - <http://data.europa.eu/esco/sk>

Field of study (ISCED-F)

accounting and taxation - <http://data.europa.eu/esco/>

agriculture - <http://data.europa.eu/esco/isced-f/081>

agriculture not elsewhere classified - <http://data.europa.eu/esco/isced-f/081>

agriculture not further defined - <http://data.europa.eu/esco/isced-f/081>

agriculture, forestry, fisheries and veterinary - <http://data.europa.eu/esco/isced-f/081>

agriculture, forestry, fisheries and veterinary not elsewhere classified - <http://data.europa.eu/esco/isced-f/081>

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agriculture, forestry, fisheries and veterinary not further defined - <http://data.europa.eu/esco/isced-f/081>

Certificate of a micro-credential



3D modeling software - CAD 1

Educational Centre "Zerde" Limited Liability Partnership

A3ES: Programme accreditation

Programme	3D modeling software - CAD 1
Qualification	
Level ?	first cycle
Programme type	Micro-credential
Workload (in ECTS credits)	15
Assessment and certification	Assessment based certificate
Learning outcomes	<u>use CAD software</u>
Field of study	<u>engineering, manufacturing and construction</u>



Interoperability of DEQAR



Data export – ENIC NARICs workflows

CIMEA DiploMe

- Extraction of data on accredited HEIs
- Include logo on statements of comparability if the HEI is in DEQAR

The screenshot shows the 'CERTIFICATION COMPARABILITY' form. It contains various input fields for personal and institutional data. The 'Awarding institution' field is highlighted with a red box. At the bottom, there are buttons for 'CANCEL', 'CONFIRM', and 'Save draft'.

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: [redacted] (highlighted with a red box)

Status of institution: [redacted]

Teaching institution: [redacted]

Type of qualification: [redacted]

Classification/Level: 1st cycle QF-EHEA / EQF level 6

Duration: 3 years

Workload: 180 ECTS

Deqar ID: [redacted] Whed ID: [redacted]

Access requirements: [redacted]

Access to further studies: [redacted]

Evaluation details: [redacted]

Preview Certificate PDF

CANCEL CONFIRM Save draft

The screenshot shows the 'Deqar Institutions' dropdown menu. It lists three institutions: 'EPOKA* University', 'European University of Tirana', and 'Nehemiah Gateway University'. The 'EPOKA* University' option is selected and highlighted with a blue bar. Below the list are 'CANCEL' and 'Confirm institute' buttons. The background shows the same 'CERTIFICATION COMPARABILITY' form as the previous screenshot.

CERTIFICATION COMPARABILITY

Deqar Institutions

Reference [redacted]

Bachelor in B [redacted]

Issue country: Albania

Awarding institution: [redacted] (highlighted with a red box)

CANCEL Confirm institute

NAWA SYRENA system



Use of data on accreditations of HEIs

The screenshot displays the NAWA SYRENA system interface. On the left is a sidebar with navigation options: Wnioski (Wszystkie (248), Niepotwierdzone (0), Nowe (80), W trakcie (76), Do uzupełnienia (33), Do weryfikacji (0), Do podpisu (0), Zakończone (0), Odrzucone (0), Archiwum (59), Statystyki). The main content area shows details for a specific accreditation case: BUW.4201.116.2023.TEST. The 'DEQAR' tab is selected and highlighted with an orange box. The 'Instytucja*' field is also highlighted with an orange box, showing 'EPOKA' University (AL0019). The 'Raport' field shows 'evalag - Evaluation Agency Baden-Württemberg - Programme accreditation - Banking and Finance (2020-03-01 - 2026-02-28)'. A large orange box highlights the 'Institutions' data field, which contains the following JSON-like structure:

```
{
  "Id": 48218,
  "Agency_Name": "Evaluation Agency Baden-Württemberg",
  "Agency_Acronym": "evalag",
  "Agency_Id": 25,
  "Agency_Url": "http://backend.deqar.eu/webapi/v1/browse/agencies/25/",
  "Contributing_Agencies": [],
  "Agency_Esg_Activity": "International programme accreditation",
  "Agency_Esg_Activity_Type": "programme",
  "Name": "Programme accreditation",
  "Institutions": [
    {
      "Id": 5881,
      "deqar_id": "DEQARINST5881",
      "name_primary": "'EPOKA' University",
      "website_link": "http://www.epoka.edu.al/"
    }
  ]
}
```

At the bottom of the interface, there are buttons for 'Dekretuj', 'Poprzedni', 'Następny', and 'Zapisz'. The footer includes the copyright notice 'Copyright NAWA © 2023. Wszelkie prawa zastrzeżone' and the version 'Wersja 1.0'.

Export of DEQAR data - European Digital Credentials for Learning


eqar

Aimed at providers having a valid mandatory report (i.e. accreditation) on programme and institutional level in DEQAR



European Digital Credentials for Learning > Credential Builder

Edit Credential Template

Please provide details about the learning credential. Hover over the  icon to see what the expected

EN

Credential Information


Credential Title*

Master of Engineering

Description 

Second cycle programme in engineering

Further details

Valid from 

01/01/2022 01:00




Credential Type*

Accredited

Accreditation

<https://data.deqar.eu/report/99665>

Click [here](#) to find out more about how to obtain and use your accreditation identifier. Please note that currently this is an experimental feature.

ARACIS: Programme evaluation	
Programme	Engineering and quality management (EUR-ACE label)
Qualification/award	
Level	first cycle (NQF 6)
Programme type	Full recognised degree programme
DEQAR Report ID	99665
Agency	Romanian Agency for Quality Assurance in Higher Education (ARACIS)
Type	Programme accreditation and awarding of EUR-ACE Label (first cycle)
Status	part of obligatory EQA system
Formal decision	positive
Date	25/07/2019
Valid until	25/07/2024
Report and decision	 (Romanian)
Permalink	https://data.deqar.eu/report/99665
Agency's identifier	SP5134-2019-07-25
External link	View record on agency's website
Verifiable credential 	 DEQAR format

Export of DEQAR data (as TAO) – European Blockchain Infrastructure

Aimed at providers having a valid mandatory report (i.e. accreditation) in DEQAR

DEQAR Report ID	76104
Agency	Catalan University Quality Assurance Agency (AQU)
Type	Ex-post IQAs certification
Status	part of obligatory EQA system
Formal decision	positive
Date	25/03/2020
Valid until	not applicable
Report and decision	 Transversal URV 19v3.pdf (Spanish/Castilian)
Permalink	https://data.deqar.eu/report/76104
Institution page	Rovira i Virgili University
Agency's identifier	36540
External link	View record on agency's website

Verifiable Credential ?



DEQAR format, for Rovira i Virgili University (DEQARINST0792)



EBSI Verifiable Accreditation, for Rovira i Virgili University (did:ebsi:ziBBPgHRMxmPaKmW1TCm9Cj)

Key takeaways



- 1. Think of the full workflow – plan all the steps and points of data intake (i.e. where it makes the most sense)**
- 2. Think numbers (identifiers, codes etc.)**
- 3. Think API**
- 4. Do not duplicate data that is already there – try to connect to other initiatives**
- 5. Be open to different data standards/ approaches and be creative in finding links to (the other) data models**

Thank you

Contact:

Aleksandra.zhivkovikj@eqar.eu



Visual distinction



eqar.eu > Database > Search > By report

Database

Sort by

1 - 20 of 94847 reports

Results per page

Upload date

« < 1 > »

10 20 50 100

Refine your search

Search term

Provider name, city, coun



✓ Provider type

Only higher education institution(s) (94788)

Other provider(s) covered (59)

Report type

Programme type

Report language

Decision

ESG activity

Status

Cross-border review

Report date - valid to / Uploaded / Changed

Agency / Type

Education provider / Programme

Country

30/04/2024 uploaded 29/02/2024 changed 29/02/2024

ACCREDITATION OF HIGHER EDUCATION INSTITUTIONS

an College

21/07/2023 - 31/07/2027 uploaded 29/02/2024 changed 29/02/2024

BAC ACCREDITATION OF HIGHER EDUCATION INSTITUTIONS

SBS Swiss Business School

Switzerland

29/11/2023 - 29/11/2028 uploaded 29/02/2024 changed 29/02/2024

ARACIS PROGRAMME AUTHORIZATION/ACCREDITATION (FIRST CYCLE, SECOND CYCLE)

West University of Timișoara - Marketing (first cycle degree)

Romania

29/11/2023 - 29/11/2028 uploaded 29/02/2024 changed 29/02/2024

ARACIS PROGRAMME AUTHORIZATION/ACCREDITATION (FIRST CYCLE, SECOND CYCLE)

West University of Timișoara - Physics (first cycle degree)

Symbols

eqar

Higher education institution



Aachen University

RWTH Aachen

Aachen (Germany)

Alternative provider



Almaty Bible College

Almaty (Kazakhstan)

Information on other providers



Database

Search

— **By provider**

— By report

Get data

Terms and Conditions

Frequent questions

eqar.eu > Database > Search > By provider > **Cornerstone Centre for Intercultural Studies**

Cornerstone Centre for Intercultural Studies

Basic information

Identifiers

DEQARINST8154

NL-KVK: 56495439 ?

Provider type

other provider

Type of organisation

non governmental organisation

Legal seat(s)

Beugen, Netherlands

Website

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

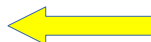
Founding year

1947

QF-EHEA levels

short cycle

Data source



(Name of agency to be presented)

Permalink

<https://www.testzone.eqar.eu/qa-results/search/by-institution/institution/?id=8154>

Certification of other providers



Search

— By
organisation/provider

— **By report**

Get data

Terms and Conditions

Frequent questions

Limited Liability Partnership "Training and Clinical Center "Dentistry"

 **IAAR: Institutional Accreditation of the Organisation of Continuing Education**

DEQAR Report ID 	93960
Agency	Independent Agency for Accreditation and Rating (IAAR)
Type	Institutional Accreditation of the Organisation of Continuing Education
Status 	voluntary
Formal decision 	positive
Date	30/06/2023
Valid until	29/06/2028

Report and decision

 [Decision \(Russian\)](#)

 [Review Report \(Russian\)](#)

Permalink

<https://www.testzone.eqar.eu/qa-results/search/by-report/report/?id=93960>

Institution page

[Limited Liability Partnership "Training and Clinical Center "Dentistry"](#)

External link

[View record on agency's website](#)

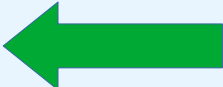
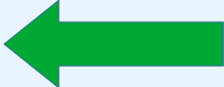
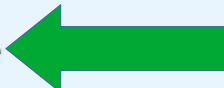
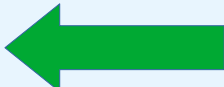

Certification of a micro credential



3D modeling software - CAD 1

Educational Centre "Zerde" Limited Liability Partnership

A3ES: Programme accreditation

Programme	3D modeling software - CAD 1
Qualification	
Level ?	first cycle 
Programme type	Micro-credential
Workload (in ECTS credits)	15 
Assessment and certification	Assessment based certificate 
Learning outcomes	<u>use CAD software</u> 
Field of study	<u>engineering, manufacturing and construction</u> 

Main observations process



1. The micro credentials usually bore up to **30 ECTS**.

But there are other various combinations between the

no. of ECTS – Full degree – Recognised degree

 ECTE:	
Programmes covered	
Programme	Theology
Qualification	
Level ?	first cycle
Degree outcome	No full degree
Workload (in ECTS credits)	180
Assessment and certification	Assessment based certificate
Learning outcomes	(information not provided)
Field of study	http://data.europa.eu/esco/isced-f/0224

Main observations



2. Most of the **other providers** were established as **non governmental organisations**, some as private companies. Rarely public organisations or public-private partnerships
3. **Micro credentials** can be **tied to a QF level** (reference – entry qualification)
4. The **use of terminology** “diploma”, “bachelor”, “master” **is not always protected via national legislation** (hence providers can utilise it for own purposes)