

MICROCREDENTIALS AS A TOOL FOR LIFELONG LEARNING

The Polish Approach



MICHAŁ NOWAKOWSKI

Microcredentials Project Leader

e-mail: m.nowakowski@ibe.edu.pl



odznaka+

EDUCATIONAL RESEARCH INSTITUTE

– National Research Institute

A research institute conducting interdisciplinary scientific research on the functioning and effectiveness of the education system in Poland. We participate in national and international research and implementation projects.



EDUCATIONAL
RESEARCH INSTITUTE
National Research Institute



MISSION

Creation of Poland's first microcredential ecosystem and platform that will enable the issuing and earning of reliable, recognised and accepted microcredentials.





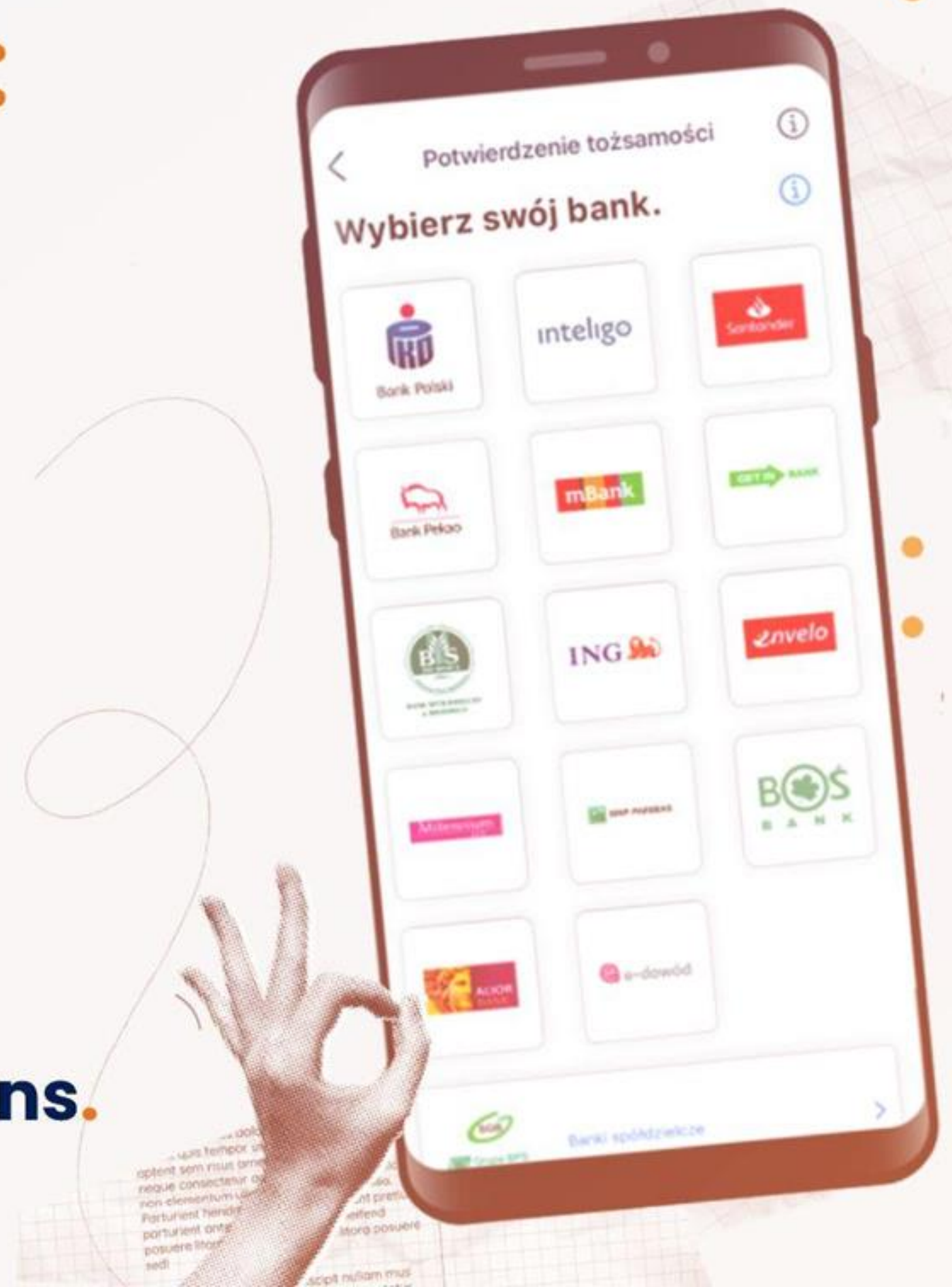
Why it could work in Poland



High level of digitisation:

- **all documents in digital form**
(ID, driving licence, vehicle registration certificates)
no obligation to carry documents
- **electronic prescriptions & referrals, patient accounts**
- **advanced electronic banking system**
Blik -> instant transfers using one-time codes
- **Sending and receiving postal items yourself without any paperwork** (using an app)
- **90% of official matters can be dealt with from home** (via the Internet)

Society that is very digitally open, seeking modern and portable solutions.



What makes the Microcredentials project different



Running

one of the world's largest public projects



Applying

a bottom-up, agile approach to public policy design



Piloting

solutions that are consulted, tested and adapted to market needs



What makes the Microcredentials project different



A wide range of participants:

Public administration, ministries, universities, employers' representatives, employees/trade unions, businesses, schools



An agile approach to policymaking:

Studying market needs to recommend legislation (agile and UX, prototyping, testing)



IT ecosystem sets for microcredentials digitalisation and making them portable





**micro
credentials**

Piloting a new solution
to support lifelong learning



PROGRAMME

European Funds for Social
Development (FERS)



PROJECT DEADLINE

01.10.2023 r. – 30.09.2026 r.



SUPERVISING AUTHORITY:

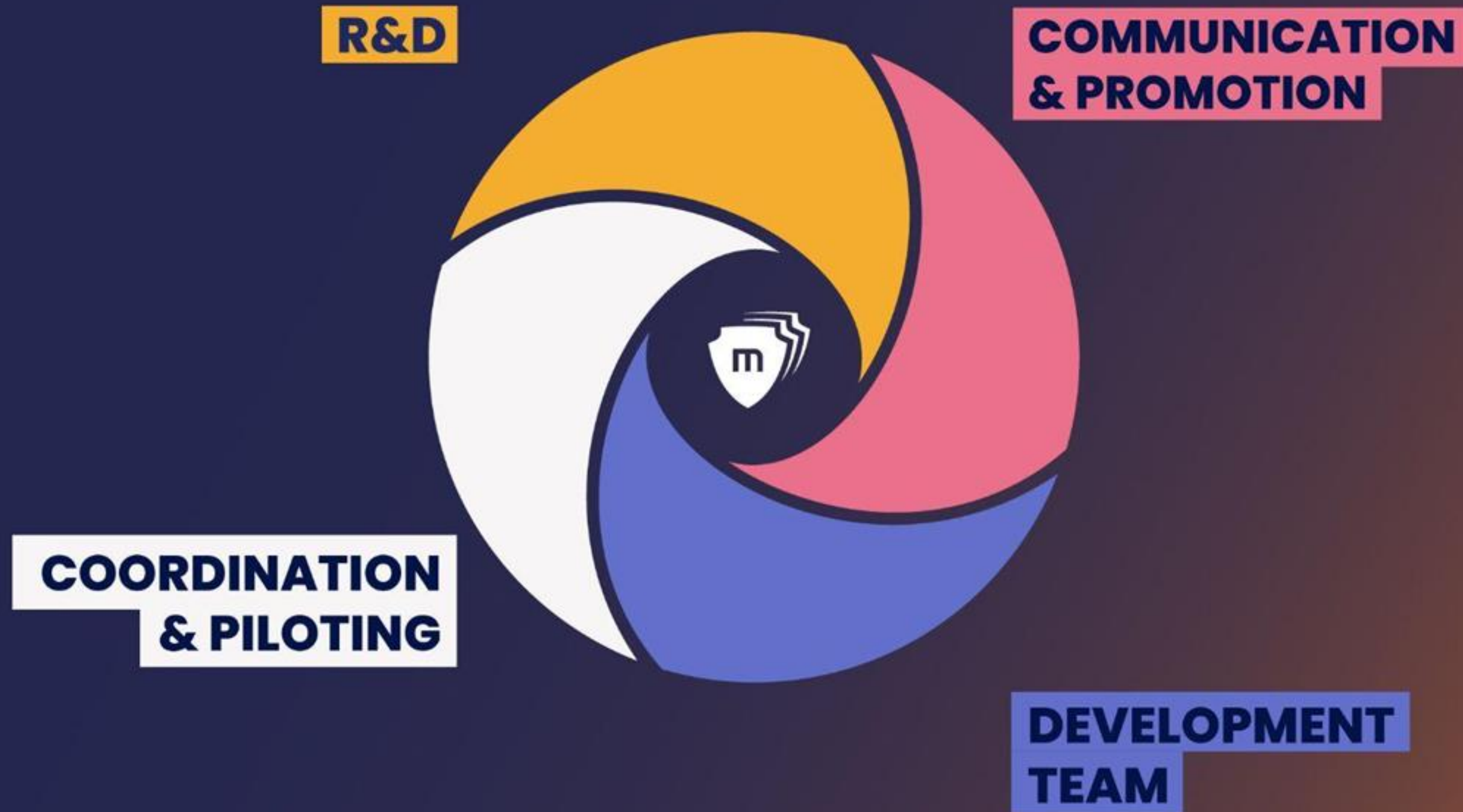
Ministry of Development
Funds and Regional Policy



PRIORITY

Priority V – Social Innovation

Project structure



Microcredentials Advisory Group



- Ministry of Development Funds and Regional Policy
- Ministry of Science and Higher Education
- Ministry of National Education
- Ministry of Family, Labour and Social Policy
- Ministry of Digital Affairs



- Polish Agency for Enterprise Development
- Sectoral Council for Competences – Development Services
- Sectoral Council for Competences – Information Technology
- Sectoral Council for Competences – Telecommunications and Cybersecurity



- Conference of Public Vocational Schools Rectors
- Confederation of Polish Employers Lewiatan
- All-Poland Agreement of Trade Unions
- Conference of Academic Rectors of Polish Schools

2024

2025

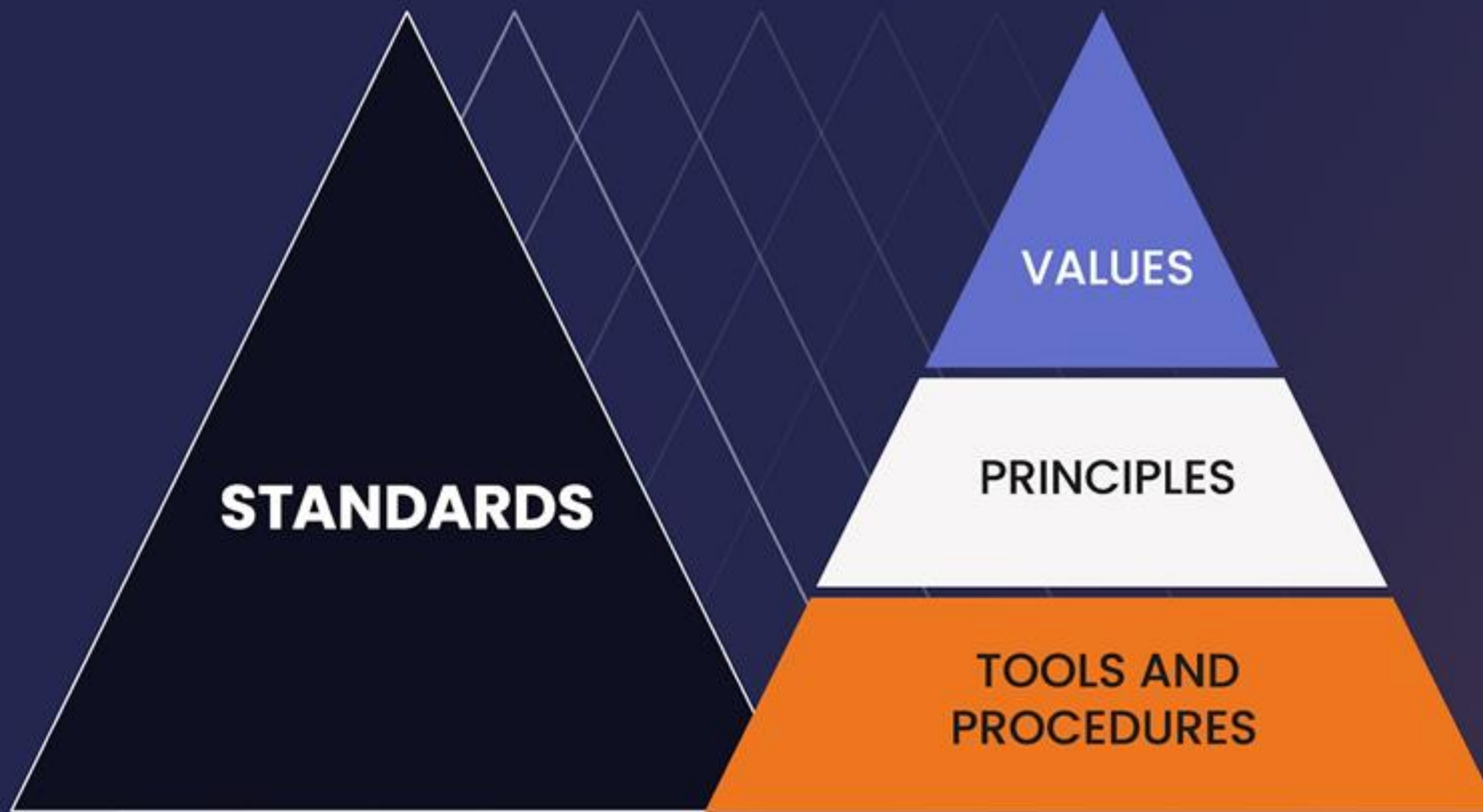


Current stage of the project

- ✓ **Phase III of the pilot (completed)**
(businesses, companies)
- ✓ **Phase IV: Universities**
- ✓ **New subject in secondary schools: Civic education**
- as part of the subject, a pilot programme of microcredentials for students and teachers
- ✓ **Development of quality assurance norms and standards**
(including application development)
- ✓ **Application development**
- ✓ **Popularisation of the idea and knowledge**
about microcredentials in social media
- ✓ **Organisation and participation in international events**



Design of the Polish National Microcredentials System Standards



Fundamental principles of system design (e.g. transparency quality)

Rules for the system operation and issuing of microcredentials

Supporting the quality and efficiency of the process

Values



11 foundational principles

1. Microcredentials are designed and published in accordance with an agreed standard for describing microcredentials.
2. The underlying form of the microcredentials is digital in a technology standard that guarantees interoperability.
3. Issuers and microcredentials in the system are externally assessed.
4. Microcredentials are issued by providers with resources guaranteeing the quality.
5. The issuance of microcredentials is based on the verification and validation of skills
6. The identity of persons obtaining microcredentials is verified.



11 foundational principles

7. The microcredentials and processes leading to their issuance are subject to evaluation and improvement.
8. Issuers cooperate with the system coordinator throughout the life cycle of a microcredential.
9. The National Microcredentials System provides access to information on applied standards and quality assurance.
10. Issuers work towards increasing the accessibility of microcredentials.
11. The design and implementation of microcredentials take into account aspects of their usability and social, market and formal recognition.



Accreditation model



accreditation of issuers

pilot scope

1

self-evaluation
and on-boarding

2

ex-ante
evaluation

3

ex-post
evaluation

Description of the Microcredential standard

GENERAL INFORMATION

Primary:

- Name of a microcredential
- Description of a microcredential
- Graphical representation

Additional:

- Tags
- Costs of obtaining a microcredential
- Ensuring accessibility for people with special needs

MICROCREDENTIALS CLASS IN THE ODZNAKA+ APPLICATION

ISSUER

Primary:

- Issuer's name



DETAILED DESCRIPTION OF A MICROCREDENTIAL

- Release criteria:
- Skills (learning outcomes)
- Criteria for testing individual skills
- General assessment of skills (learning outcomes) and methods used
- Methods of verifying the identity during a skills (learning outcomes) check
- Other conditions for obtaining microcredentials

Supplementary information:

- Workload
- Form of obtaining a microcredential
- How to obtain a microcredential – details
- Reference to PQF or EQF (pilot)
- Period of validity
- Type of evidence required

Quality assurance:

- Description of the organisation's quality assurance system for the design and issuance of microcredentials



EDUCATIONAL ACTIVITIES (LINKED TO THE MICROCREDENTIALS)

- Name of learning activity
- Type of learning activity
- Brief description of the learning activity
- Date of the learning activity
- Place of the educational activity
- Organiser of the learning activity
- Conditions for participation in the educational activity
- Link to detailed information on the educational activity

- mandatory field
- optional field



Poland's first digital credentials application

An application for issuing, collecting, storing and sharing digital credentials and offers numerous useful features to enhance users' lifelong learning processes. It is completely free and available via a web browser on both PCs and mobile devices.





See how to earn the microcredential

Free
Price

3 p.m.
Work load

Tags:

project management office

kyndryl

corporate readiness certificate

project management administration

Earn form:

- **Online**

Identity Verification:

- **Participant's Statement**
- **Email verification**

Microcredential

PMO Administration in Project Management (CRC)

kyndryl

Kyndryl

Description

The person using this micro-credential has acquired the basic knowledge needed to run a Project Management Office (PMO). He/she has basic knowledge in the field of project management concerning: administration, tools supporting this process, as well as cooperation and risk management. The knowledge gained is highly valued in customer service positions, and it also gives employees a set of universal competencies that can be used in a variety of job offers, which places the candidate at the top of current market requirements.

Skills (learning outcomes)

- ✓ Has basic knowledge of administration in project management

Check criteria:

- Characterizes the role (function) of the PMO and its importance in project management
- Discusses the general principles of creating project plans and programs
- Discusses human resource management (requirements of the recruitment process, examples of recruitment tools)
- Indicates possible career paths in the area of administration, project management
- Characterizes documentation describing and supervising individual processes in the project
- Describes the process of closing the project, including its individual elements and its documentation

- ✓ Has knowledge of tools supporting the administration process in project management

Check criteria:

Microcredentials in the App



See how to earn the microcredential

Free

Price

15 h

Work load



See how to earn the microcredential

**Paid, contact
the issuer**

Price

30 h

Work load



See how to earn the microcredential

934.84 PLN

Price

96 h

Work load



See how to earn the microcredential

Free

Price

15 h

Work load

Current status of work on the application

- **Public catalogue/repository**
of microcredentials, digital badges, development paths and events (including a map)
- **Individual user profiles**
with contacts, skills map and personalized credentials presentation page
- **Business teams/school classes**
with team events and non-public development paths
→ students gamification and features to strengthen the bond between teacher/leader and students/teams
- **Social clubs**
with low formality and high social value credentials
(no need for an issuer)



EUDI implemented as a new version of mObywatel

- **Between Q1 and Q2 2026**

the Polish government is going to implement the EUDI wallet

- **The new version of mObywatel**

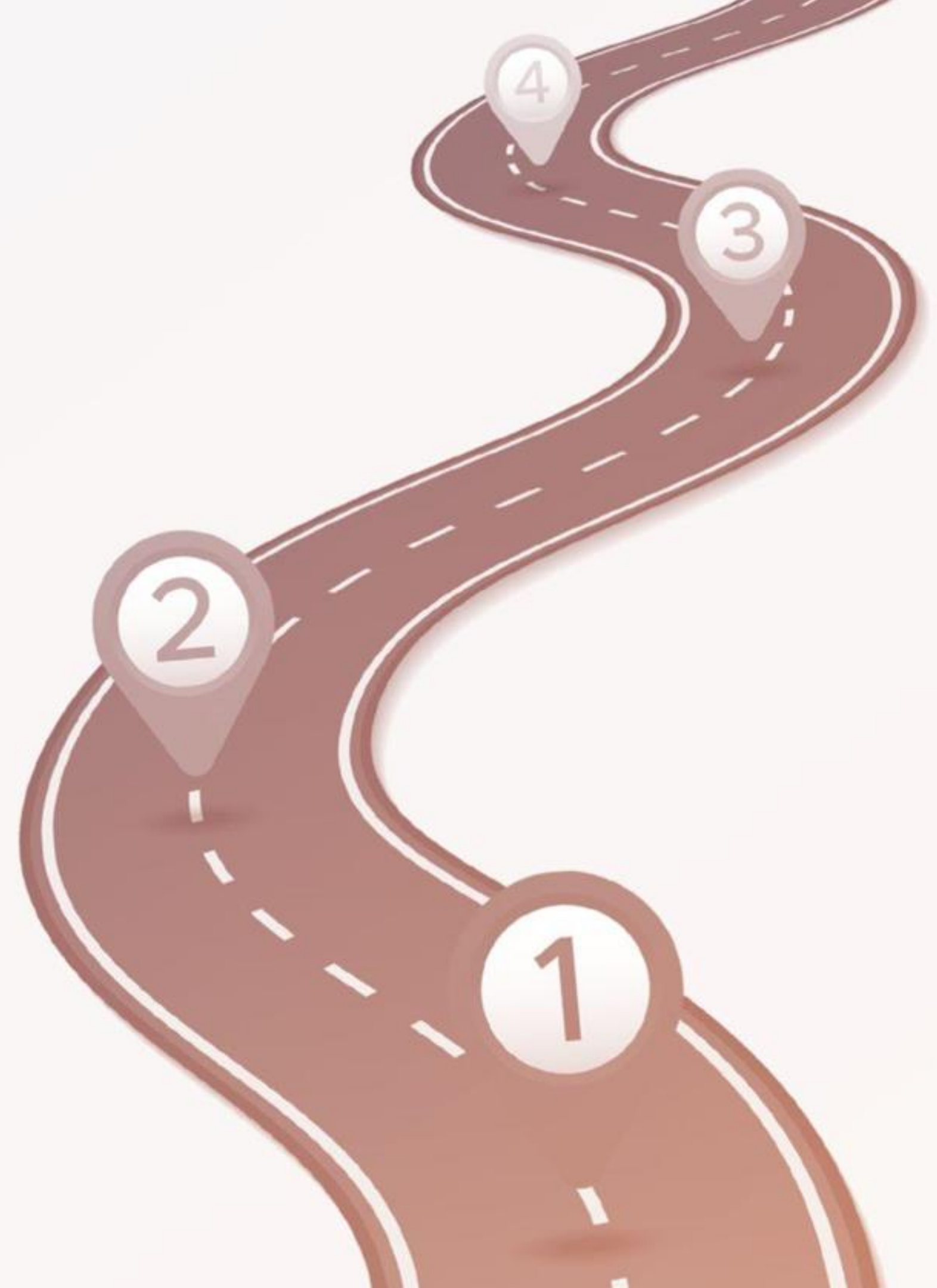
will become a fully-fledged digital identity wallet (in VC ecosystem)

- **Implications:**

from this moment mObywatel will become a place for storing all credentials (including microcredentials and digital badges in VC standard)



**The biggest
challenge today**



Question: Where is the value?

Should we



INTEGRATE

Rapid technological integration
to be ready



WAIT & DEVELOP

Development of user-required features
and integration at a later stage



In its final state, **Odznaka+** should fully **communicate with mObywatel** (via OID4VC) **to allow** users to log in to it using EUDI wallet, **accept credentials** and **share their image back** to the application.



Microcredentials in higher education

- practical examples





Example: MicroCreds IRLEAND

- ✓ A national project coordinated by an association of universities (IUA)
- ✓ University accreditation and inclusion in the qualifications system
- ✓ Co-creating an offer with business – MicroCreds Innovate
- ✓ Enterprise Advisory Group: the voice of the market in the education system
- ✓ Compliance with the EU Council Recommendation – recognition
- ✓ Challenges: interinstitutional management, flexibility vs. quality

The MicroCreds logo, consisting of the words "MICRO" and "CREDS" in white, bold, sans-serif capital letters, stacked vertically on a bright pink rectangular background.

**MICRO
CREDS**



Example: University of Texas USA

- ✓ Texas Credentials for the Future Program
- ✓ Responding to the need for industry-specific certificates among students and graduates
- ✓ University's cooperation with the Coursera educational platform
- ✓ Microcertifications program for students, cooperation with industry publishers of certificates (e.g., Google, IBM)
- ✓ The role of building cooperation networks in creating systemic solutions



Watch a video on this topic from
**the Warsaw Microcredentials
Summit**



Warsaw, 25-26 June 2025

Polish universities in the approach

Wrocław University of Science and Technology

✓ Module within the course:

DLT Academy: Blockchain and Distributed Ledger Technology

Faculty of Management Engineering



Microcredential

Polish universities in the approach

Wroclaw University of Economics and Business

- ✓ Microcredentials provided as part of postgraduate studies
- ✓ Budget accounting and public finance
- ✓ Analysis of financial statements using MS Excel





Watch a video about the legislative process in Estonia from **the Warsaw Microcredentials Summit**



Watch a video about the microcredentials system in Texas from **the Warsaw Microcredentials Summit**

Warsaw, 25–26 June 2025



Bonus



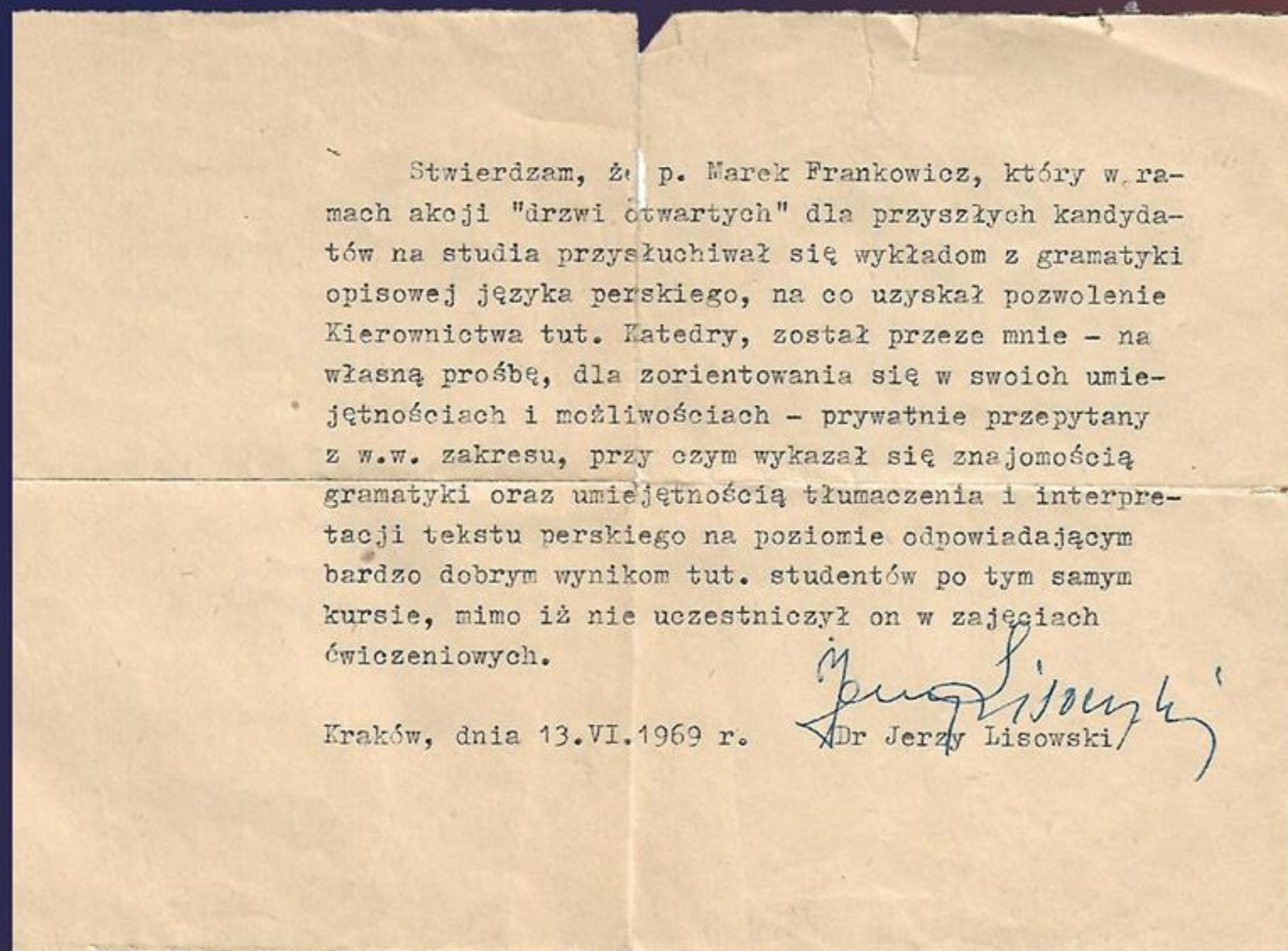
Interesting fact:

Microcredentials were already being issued in Poland as early **as 1969 at Jagiellonian University**.

The photo shows a microcredential regarding:

- ✓ **knowledge of Persian grammar,**
- ✓ **ability to translate and interpret texts in Persian.**

The microcredential was entered into the student's academic record book.





Pieczęć

M. Frankowicz

Podpis właściciela indeksu

Wydział Matematyki, Fizyki i ChemiiNr alb. 23587

INDEKS

Marek Walenty

Imiona

Frankowicz

Nazwisko

Imię ojca Walenty ur. dn. 10 czerwca 1951 r.w Krakowie pow. Małopolska

Rektor

Kraków

Pieczęć

Dziekan

dn. 17 września 1969 r.Imię i nazwisko Marek FrankowiczRok studiów pierwszy Rok szkolny 19 69 / 70

Nazwisko wykładowcy	Rodzaj zajęcia i nazwa przedmiotu	Liczba godzin tygodniowo	
		w.	ćw.
doc. dr T. Senkowski	Chemia ogólna i nieorganiczna	5	—
Doc. dr J. Chojnacka	Ćwiczenia z chemii ogólnej i nieorganicznej	—	12
Doc. dr J. Chojnacka	Próseminarium z chemii ogólnej i nieorganicznej	—	2
Doc. dr J. Chojnacka	Ćwiczenia rachunkowe z chemii nieorganicznej	—	2
dr Jerzy Lisowski	Gramatyka opisowa języka perskiego	2	2

Technika korzystania z biblioteki

Semestr

20 XI 69
Zimowy

Zaliczenie			Egzamin			Zaliczenie semestru podpis dziekana i pieczęć
Ocena	Data	Podpis	Ocena		Data	
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	19.1.970	[signature]				
4.5 bed	19.1.970	[signature]				
	14.1.1970	[signature]				

ACCESSIBLE SCHOOL FOR ALL

UNICEF, IBE-PIB, MINISTRY OF NATIONAL EDUCATION

Main goal:

Strengthening teachers' competencies in supporting children by addressing their diverse developmental and educational needs, including those with migration experience.

- 437 schools
- 71 public/non-public kindergartens
- 1,315 specialist teachers



E-learning

5 programs
25 modules



Workshops

16 online workshops



Learning Accessibility Advisor (LAA)



Interventions

25 practical interventions

MICROCREDENTIALS POLSKA

FACEBOOK



LINKEDIN



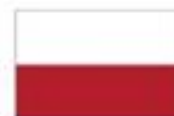
microcredentials.pl



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FERS.05.01-IZ.00-0001/23



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