Development of e-resources for VET

POLICY DEVELOPMENT **PRACTICAL MEASURE/INITIATIVE** POLAND

Timeline

2019 Implementation **2020 Implementation** **2021 Implementation**
2022 Implementation **2023 Implementation** **2024 Implementation**
2025 Implementation

ID number 29975

Background

An evaluation study conducted in VET schools by the education ministry in 2018 found that VET learners have limited access to useful and good quality educational e-resources. Thus, there is a need to develop a wide range of good quality e-materials, such as: computer visualisations, instructional videos, 3D models of machines, devices, simulators and electronic manuals.

Objectives

The initiative aims to enhance the use of modernised content, tools and resources supporting the vocational training process.

Description

The initiative is expected to increase the use of ICT in VET (and also for students with disabilities), developing the digital competences of students, individualising the didactic process and implementing teamwork.

The initiative includes two phases:

(a) developing the concept and standards of VET e-resources;
(b) obtaining, integrating and making available 800 VET e-resources on the online platform (epodreczniki.pl).

Three calls for projects developing VET e-resources are planned for 2020 and 2021. The total budget of the project is around EUR 2.2 million.

2019 Implementation

The implementation of this initiative started in 2019.

ORE began implementing the project 'Verification and acceptance of competition project products from Measure 2.14'. Running from December 2019 to December 2023, the project aimed to expand the range of out-of-school education and adult learning by selecting projects for which model vocational qualification programmes would be developed in accordance with applicable legal regulations. The project budget was EUR 693 785.94 (PLN 3 148 142.07), of which approximately 85% was EU funding.

2020 Implementation

In June 2020, the Centre for Education Development finalised the development of the concept of educational e-resources for vocational education and prepared the terms of reference/specifications of the call for projects for developing them. Submissions to the education ministry on the concept of e-materials for vocational education included lists of e-materials for 32 industries and material on didactic standards.

In July 2020, the education ministry began the content-related review of the submitted materials under an umbrella project responsible for quality checking the outputs of different projects (for example, the 174 curricula for additional vocational skills were also checked before acceptance).

2021 Implementation

The creation and verification of 800 e-resources for vocational education by the Centre for Education Development is in progress. The work on e-resources and dissemination must be completed by December 2022. Currently, 134 out of a total of 355 curricula programmes for additional professional skills (*dodatkowe umiejętności zawodowe*) have been received and disseminated within the VET e-resources project. The remaining 201 programmes of additional professional skills are planned to be verified and disseminated by the end of 2022.

2022 Implementation

The creation and verification of 800 e-resources for vocational education by the Centre for Education Development is in progress. Currently, 134 out of a total of 355 curricula programmes for additional professional skills (*dodatkowe umiejętności zawodowe*) have been received and disseminated within the VET e-resources project.

In the project 59 out of 800 e-resources for vocational education have been created and published.

2023 Implementation

The project' Creation of e-resources for vocational education' ended in December 2023, with 100% of the target achieved, 800 e-resources created (between 2019 and 2023) for 32 vocational education branches. Each e-resource consists of between 1 and 5 multimedia materials, including instructional videos, educational videos, virtual walk-throughs, 3D and 2D animations, educational games, etc., plus a teaching case (including guides for the teacher, student, and user, instructions for using the e-resource, interactive review materials, bibliography). All materials were available online.

The umbrella project 'Verification and acceptance of competition project products from Measure 2.14' was completed. As part of the project, 223 model curricula for vocational qualification courses and vocational skills courses were collected, representing 100% of the target. The vocational qualification and vocational skills (KKZ & KUZ) courses were made available on the ORE website.

The ORE project 'Verification and acceptance of educational toolkits supporting the process of pre-school education and general education in the development of universal skills of children and pupils and key competences necessary to navigate the labour market' running from October 2020 to April 2023, was completed. Project results

included: 12 foreign language teaching programmes for pre-school and general education; 58 methodological guides for pre-school and general education; 290 lesson plans for pre-school and general education; 290 interdisciplinary educational project plans for pre-school and general education; 58 teaching assessment tools and key competence evaluation tools for pre-school and general education. Vocational schools can also use these products to help students prepare for the job market.

ORE launched the project 'Promotion of educational toolkits and teaching and learning methods supporting the development of key competences of students, adapted to the needs of the labour market', running until 2025. The project's main objective was to promote educational toolkits and teaching and learning methods that support the development of key competences (digital, mathematical, scientific, and linguistic) in students, tailored to the needs of the labour market.

The project targets education system professionals, including methodological counsellors and consultant teachers employed and residing throughout the country. As future leaders, these individuals are to promote or implement new teaching methods and educational tools contained in educational kits in teaching environments.

2024 Implementation

The Centre for the Development of Education launched a new project, 'Development of a concept and reception of educational e-materials aimed at supporting vocational competence training', from 01.03.2024 to 29.02.2029.

E-materials were planned for several new professions, including 23 that were introduced into the classification of occupations in vocational education as of September 1, 2020. Additionally, e-materials are also intended for professions added to this classification after September 1, 2023, up until the announcement date of the competition for their development, for which no e-materials have been created so far. For 214 professions, the existing e-materials only cover specific groups of educational outcomes. The goal is to enhance these e-materials by including additional learning outcomes for these occupations. Furthermore, there are 59 professions listed in the classification of occupations in vocational education for which e-materials for learning a vocational foreign language have not yet been developed.

The project 'Promotion of educational toolkits and teaching and learning methods supporting the development of key competences of students, adapted to the needs of the labour market' was being implemented according to plan.

2025 Implementation

The project 'Promotion of educational toolkits and teaching and learning methods supporting the development of key competences of students, adapted to the needs of the labour market' was being implemented according to plan. Scheduled completion was in December 2025.

Bodies responsible

- Ministry of National Education (until 2021)
- Ministry of Education and Science (from 2021 until 2024)
- Ministry of National Education
- Centre for Education Development

Target group

Learners

Learners in upper secondary, including apprentices
Young people (15-29 years old)

Education professionals

Teachers

Entities providing VET

VET providers (all kinds)

Thematic categories

Modernising VET offer and delivery

Modernising VET standards, curricula, programmes and training courses

Developing and updating learning resources and materials

Acquiring key competences

European priorities in VET

VET Recommendation

VET agile in adapting to labour market challenges

Flexibility and progression opportunities at the core of VET

Subsystem

IVET CVET

Further reading

Ministry of Education, information on the call for project applications

The online platform that will host the VET e-resources

Centre for Education Development, development of e-resources for vocational education - description of the project

Development of e-resources for vocational education - EU Grants Map

Development of a concept and reception of educational e-materials to support vocational competence training - About the project

Model programmes for vocational qualification courses and vocational skills courses

Educational toolkits

Related policy developments

2025 **Implementation**

Vocational education and training action plan for 2022-25

The action plan includes the following five specific measures:

POLAND

Type of development

Strategy/Action
plan

Subsystem

IVET CVET

2025 **Approved/Agreed**

Developing ICT infrastructure of schools

Between 2017 and 2024, Poland implemented the Active Blackboard programme to enhance digital infrastructure in schools, beginning with Resolution 108/2017. The initial phase (2017–2019) showed positive outcomes for pupils and teachers, though schools still lacked modern ICT equipment.

POLAND

Type of development

Strategy/Action
plan

Subsystem

IVET

2025 **Implementation**

Strategies supporting pupils and students with disabilities

The Accessibility Plus programme indicates the following actions for vocational education:

POLAND

Type of development

Strategy/Action
plan

Subsystem

IVET

2018 **Completed**

Educational e-resources: foreign languages and entrepreneurship

Begun in 2016, the aim of the first of these two ESF co-funded projects was to develop e-resources for vocational foreign language learning in 10 vocational areas and methodological resources for foreign language teachers. The budget for the project was EUR 4 million.

POLAND

Type of development
Practical
measure/Initiative

Subsystem
IVET CVET

2025 **Implementation**

Integrated skills strategy

In 2017, the education ministry initiated the development of a national skills strategy (integrated skills strategy – *Zintegrowana Strategia Umiejetności* – ZSU). The strategy covers the whole area of education and training, i.e.

POLAND

Type of development
Strategy/Action
plan

Subsystem
IVET CVET

> **Cite as**
>
> Cedefop, & ReferNet. (2026). Development of e-resources for VET: Poland. In Cedefop, & ReferNet. (2026). *Timeline of VET policies in Europe* (2025 update) [Online tool].
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