

EDUCATIONAL RESEARCH INSTITUTE (IBE)

NATIONAL AND INTERNATIONAL PROJECTS

IBE



EDUCATIONAL
RESEARCH
INSTITUTE



EDUCATIONAL RESEARCH INSTITUTE

NATIONAL AND INTERNATIONAL PROJECTS

The Educational Research Institute (IBE) is an interdisciplinary research unit analysing the functioning and effectiveness of the education system and the labour market in Poland.

The Institute participates in the realisation of national and international research and implementation projects, including systemic projects co-financed by the European Social Fund of the European Union.

In 2018, the Committee for the Evaluation of Research Institutions gave the Educational Research Institute its top ranking – category A, highly assessing its scientific achievements, potential and the practical results of its activities.

The staff of IBE includes experts in pedagogy, sociology, psychology, economics, political science and other scientific disciplines, with a broad spectrum of experience in teaching, public administration, non-governmental organisations and the private sector.

The Directors of IBE

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National and international cooperation

IBE is a member of the International Association for the Evaluation of Educational Achievement – an organisation acting for over 50 years as an independent network of national research institutes and government agencies conducting studies on education. It also represents Poland in ReferNet – a network of national institutions working on issues concerning vocational education and training.

IBE's specialists belong to national and international expert groups working on behalf of the European Commission and the Organisation for Economic and Development Co-operation, such as the EQF Advisory Group, ECVET Users' Group, National Team of ECVET Experts, ESCO Maintenance Committee, and the European Commission Expert Group on Graduate Tracking.

IBE implements national projects financed by, among others: the Ministry of National Education, the European Social Fund and the National Science Centre. The Institute has also been successful in securing support for international projects, among others from EuropeAid, Twinning, Horizon 2020 and Erasmus+.

In implementing its projects, IBE cooperates with ministries, research institutes, universities, local government authorities, employers and industry organisations in Poland, such as Statistics Poland, Foundation for the Development of the Education System, Central Examination Commission, National Library, as well as with institutions from abroad, among others in Australia, Azerbaijan, Austria, Croatia, Estonia, Germany, Sweden, Italy and the United Kingdom.

IBE AREAS OF SPECIALISATION

TEACHING
METHODS AND
CONTENT

CHARACTERISTICS
OF TEACHING
STAFFS

NEW
TECHNOLOGIES
IN EDUCATION

EDUCATION LAW

STRUCTURAL
CONDITIONS OF THE
FUNCTIONING OF
EDUCATION

VOCATIONAL
EDUCATION

LIFELONG LEARNING

LEARNING
OUTCOMES
AND QUALITY
ASSURANCE

HIGHER EDUCATION

LABOUR MARKET
RESEARCH

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PROGRAMME FOR INTERNATIONAL STUDENT ASSESSMENT (PISA)

PISA is the world's largest international study of the educational achievement of 15-year-old pupils in native language reading, mathematics and science. Begun in 2000, it has been conducted every 3 years by the Organisation for Economic Co-operation and Development – OECD. Poland has participated in the study since its first edition, where, as of 2015, the Educational Research Institute is responsible for its implementation.



duration of PISA 2021:

2018–2023

contracting authority:

Ministry of National Education

websites:

www.oecd.org/pisa

<http://www.ibe.edu.pl/pl/projekty-miedzynarodowe/pisa>

TRENDS IN INTERNATIONAL MATHEMATICS AND SCIENCE STUDY (TIMSS)

TIMSS is an international comparative educational study that has been conducted since 1995. The study analyses the level of knowledge and understanding of 4th grade primary school pupils in mathematics and science. Poland has participated in the study since 2011. The global coordinator of TIMSS is the International Association for the Evaluation of Educational Achievement (IEA). The Institute conducted TIMSS in 2015 and is currently working on the next edition of the study – TIMSS 2019.



duration of TIMSS 2019:

2017–2020

contracting authority:

Ministry of National Education

websites:

www.nces.ed.gov/timss

www.ibe.edu.pl/pl/projekty-miedzynarodowe/timss-2019

PROGRESS IN INTERNATIONAL READING LITERACY STUDY (PIRLS)

PIRLS measures the achievement of 4th grade primary school pupils in the reading and comprehension of literary and informational texts. Initiated in 2001, it is conducted every five years in countries throughout the world. Poland has participated in this study since 2006. The study is organised by the IEA, while in Poland, its coordinator is the Ministry of National Education, which commissioned IBE to conduct the study in 2016 and 2021.



duration of PIRLS 2021:

2018–2020

contracting authority:

Ministry of National Education

websites:

www.iea.nl/pirls

www.ibe.edu.pl/pl/projekty-miedzynarodowe/pirls

PROGRAMME FOR THE INTERNATIONAL ASSESSMENT OF ADULT COMPETENCIES (PIAAC)

PIAAC is the largest international study of the competencies of adults aged 16–65 years. It measures the basic skills required to function in the modern world, including literacy and numeracy. PIAAC is coordinated by OECD. In 2011–2012, the study was conducted in Poland by IBE. Currently, the Institute is participating in preparing the next edition, which will be conducted in 2022–2023.

duration of the 2nd edition of PIAAC:

2018–2023

contracting authority:

Ministry of Science and Higher Education

website:

www.oecd.org/skills/piaac

INTEGRATED QUALIFICATIONS SYSTEM (IQS)

Modernising the qualifications system in Poland was undertaken in response to the needs of the domestic labour market and the education system. It also responds to the European Union's lifelong learning policy. One of the most important premises of this qualifications system is the belief that what we know, are able to do and who we are professionally is not only the result of what we learned in school or higher education. Our experiences as well as the knowledge and skills acquired in courses, workshops or through independent learning also contribute to this.

Since 2010, a team of experts from the Educational Research Institute has been working on developing the assumptions and mechanisms for the functioning and implementation of a new qualifications system. The results of this work provided the substantive basis for the Ministry of National Education to prepare a draft of the Act on the Integrated Qualifications System, which was adopted on December 22, 2015. From that moment on, the process of implementing and developing the IQS began in Poland, with IBE playing a key role by implementing systemic projects co-financed by the European Union.

Currently, the Institute's activities consist of: supporting market entities in describing and submitting qualifications for inclusion in the IQS, cooperating with entities interested in awarding qualifications and monitoring the quality of the awarding process, developing Sectoral Qualifications Frameworks, working with ministries and local governments, and disseminating information about the IQS – also by working in all regions of Poland.



duration:

2016–2020

funding source:

EU funded Operational Programme Knowledge Education Development 2014–2020

websites:

www.kwalifikacje.gov.pl

www.kwalifikacje.edu.pl

INTEGRATED QUALIFICATIONS REGISTER (IQR)

Between 2010–2015, IBE worked on the concept of the national qualifications register, and as of January 2018, is implementing the project “Operating and developing the Integrated Qualifications Register”. Among its aims, the project is collecting and providing information on qualifications included in the IQS and the entities operating within the system, adapting the register to the needs of users, developing innovative tools for analytical work and to help individuals plan their personal career paths, as well as facilitating cooperation among IQS stakeholders.



duration:

2018–2020

funding source:

EU funded Operational Programme Knowledge Education Development 2014–2020

websites:

**www.kwalifikacje.gov.pl
www.rejestr.kwalifikacje.gov.pl**

ANALYSIS OF THE DEMAND FOR PROFESSIONS, SKILLS AND QUALIFICATIONS

In 2018, IBE began a research project analysing the labour market demand for professions, skills and qualifications. The result of this analytical and forecasting work will be used to prepare a recommendation report for the Ministry of National Education, serving as the basis for activities supporting those fields of education having the greatest demand in the labour market. The project will inform vocational education policies intended to better match the educational offer to current and, in particular, future labour market expectations of vocational education graduates.

funding source:

Ministry of National Education

STRENGTHENING THE INSTITUTIONAL ROLE OF THE MINISTRY OF EDUCATION OF THE REPUBLIC OF AZERBAIJAN

This project is working to strengthen the institutional capacity of the Ministry of Education to manage, monitor and support the process of reforming the education sector in line with the 2012 development concept “Azerbaijan 2020: Look into the Future”. Specifically, support is being provided to modernise the organisational structure of the Ministry, to adapt it to the current and future needs of the education sector in Azerbaijan as defined in the „National Strategy for Education Development in the Republic of Azerbaijan” and their Education Act.

duration:

2018–2020

funding source:

EuropeAid

leader:

EPRD Office for Economic Policy and Regional Development Ltd.

partners:

Corporate Solutions Consulting Limited (United Kingdom), Scottish Qualifications Authority (United Kingdom), GDG Professionals LLC (Azerbaijan)

TWINNING: NORTH MACEDONIA

Further improvement of the system for development and implementation of the National Qualifications Framework

The Educational Research Institute led the Twinning project implemented in the Republic of North Macedonia. An international group of experts worked with the Ministry of Education and Science in Skopje to plan the development and implementation of their national qualifications system in accordance with the requirements of the European Qualifications Framework. The work included, among others: updating existing legal regulations, assistance in describing existing and new qualifications, assessing the demand for qualifications in relation to the needs of the North Macedonian labour market, support in the dialogue process with selected stakeholders of their qualifications system and in the process of referencing the national qualifications framework to the European Qualifications Framework.

duration:

2016–2017

funding source:

Instrument for Pre-Accession Assistance (IPA)

partners:

Scottish Credit and Qualifications Framework Partnership (United Kingdom), Ministry of Science, Education and Sport of the Republic of Croatia

website:

www.pso.mon.gov.mk/index.php/mk

NQF-IN

The aim of this project led by IBE “Developing Organisational and Financial Models for Including Non-formal Sector Qualifications in National Qualifications Frameworks” was to support decision-makers in European countries and institutions in developing policies to include qualifications awarded outside of schools and higher education institutions in their national qualifications systems. Analyses were conducted of the systemic solutions functioning in the Czech Republic, Croatia, France, Hungary, Ireland, Poland and Scotland, used as the basis to also develop organisational and financial models of inclusion in national systems.



duration:
2015–2018

funding source:
Erasmus+

partners:

Sveučilište u Splitu (Croatia), Národní ústav pro vzdělávání, školské poradenské zařízení a zařízení pro další vzdělávání pedagogických pracovníků (Czech Republic), CÉREQ – Centre d'études et de recherches sur les qualifications (France), Oktatási Hivatal (Hungary), Scottish Credit and Qualifications Framework Partnership (Scotland)

website:
www.nqf-in.eu

A CHANCE – NEW OPPORTUNITIES FOR ADULTS

The project's main aim is to support adults with low-level basic skills, including digital skills, reading comprehension and mathematical reasoning. As a project partner, IBE is tasked with conducting research and analyses, developing guidelines for assessing competences, as well as working with grant recipients who will be conducting pilot projects to support the target group. During the third and last phase of the project, IBE experts will prepare recommendations on systemic methods of developing the basic skills of adults.



duration:
2018–2021

funding source:
EU funded Operational Programme Knowledge Education Development 2014–2020

leader:
Foundation for the Development of the Education System

website:
www.szansa-power.frse.org.pl

INTEGRATED SKILLS STRATEGY (ISS)

The Ministry of National Education has been working on the development of the Integrated Skills Strategy (ISS) since 2018 with the expert support of IBE. One of the aims of the ISS is to define the challenges and priorities of developing relevant skills in Poland, to activate the skills supply in the labour market, to effectively use skills in economic and social life, as well as to strengthen systems for shaping and developing skills. The first task of IBE's experts was to conduct research and analyses and to produce the report "ISS – general part", which presents the most important issues and tasks for developing and monitoring skills in the country, taking into account the needs of all ministries and main stakeholder groups. Currently, IBE experts are working on the document "ISS – detailed part", which will be devoted to such issues as: raising the skills of children, youth and adults, promoting a learning culture focused on the active and continuous development of skills, reducing skills mismatches in the labour market, better using skills in professional life, as well as strengthening the coordination and structure of skills management.

duration:

2018–2019

funding source:

Ministry of National Education

website:

www.ibe.edu.pl/pl/projekty-krajowe/zintegrowana-strategia-umiejtnosci

UNIVET

"UniVET – University or Vocational Education and Training" is an international project whose aim is to analyse the factors influencing young people's decision about the type of education to attend (vocational or university). As a result of the research, relevant tools will be created to identify the interests and potential of young people in order to better raise their awareness about the opportunities offered by vocational education. In the long term, UniVET will lead to improved vocational counselling for young people, and increased awareness about the significance of vocational education and training in all project partner countries.



duration:

2018–2020

funding source:

Erasmus+

partners:

TALENTBRÜCKE (Germany), International Formation Center (Spain), Centro Edile A. Palladio (Italy), Vilnius Builders Training Centre (Lithuania), Berufsbildungswerk Der Bauindustrie NRW GGMBH (Germany), Bildungszentren Des Baugewerbes EV (Germany)

website:

www.univet-project.eu

TRACKING THE EDUCATIONAL AND CAREER PATHS OF VOCATIONAL EDUCATION GRADUATES

Since 2016, IBE has been developing solutions to achieve a better match between vocational education and labour market needs in a project entitled “Tracking the educational and career paths of vocational education graduates”. The Institute conducts research and develops legal and IT solutions to enable the use of administrative data in monitoring the educational and career paths of graduates.

duration:

2016–2019

funding source:

EU funded Operational Programme Knowledge Education Development 2014–2020

website:

www.ibe.edu.pl/pl/projekty-krajowe/badanie-losow-absolwentow

THE DEVELOPMENT AND DISSEMINATION OF DIAGNOSTIC TOOLS FOR THE COGNITIVE ASSESSMENT OF CHILDREN AND YOUTH

The aim of this project is to prepare and distribute psychological tests on cognitive functioning for use in the specialised diagnosis of children and youth, including those with disabilities and special education needs.

duration:

2018–2021

funding source:

EU funded Operational Programme Knowledge Education Development 2014–2020

partner:

SWPS University of Social Sciences and Humanities

PROJECTS FINANCED BY THE NATIONAL SCIENCE CENTRE

Grants are awarded to researchers conducting studies at the Educational Research Institute. Work is currently underway on the following projects:

- “Democratic Schools – A Socio-pedagogical Study of New Educational Alternatives” (Sonata 7) directed by Dr Monika Popow
- “A Novel Method of Assessment of Item Fit for Unidimensional Item Response Theory Models that Incorporates the Stochastic Nature of Model Parameters’ Estimates” (Prelude 10) directed by Bartosz Kondratek
- “Allocation of Time for Elderly Care: Changing Trends and Determinants” (Sonata 12) directed by Dr Magdalena Rokicka
- “The Human Capital of Parents, Investment in Children’s Education and the Public Education System” (Preludium 13) directed by Małgorzata Kłobuszewska

PATH2INTEGRITY

Role Models and Rotatory Role-Playing to Enhance the Culture of Research Integrity

The main aim of the international project Path2Integrity is to raise the quality of research and increase its impact in society. This will be implemented by promoting research integrity as the basis for conducting studies and developing innovation.

Path2Integrity will support formal and non-formal methods of learning about research integrity and contribute to promoting a culture of research honesty, among others by:

- developing model educational paths by using rotatory role-playing;
- producing a manual on research integrity addressed to all persons engaged in scientific studies, including secondary school pupils, students, graduates and young researchers;
- raising awareness about the significance of reliability in research through a broadly based information campaign targeted to educational institutions (secondary schools and higher education institutions) in 15 countries.

Path  Integrity

duration:
2019–2021

leader:
Hochschule Coburg (Niemcy)

partners:

Syddansk Universitet (Denmark), 3C Compliance SL (Spain), Pensoft Publishers (Bulgaria), Fundacio Catalana per a la Recerca i la Innovacio (Spain), EUREC Office (Germany), Christian-Albrechts Universität (Germany)

websites:

www.path2integrity.eu
www.ibe.edu.pl/pl/projekty-miedzynarodowe/path2integrity

REFERNET

The Educational Research Institute is a partner in the ReferNet network established in 2002 by CEDEFOP (European Centre for the Development of Vocational Training), whose aim is to collect information and monitor changes in vocational education and training (VET) in EU Member States, Iceland and Norway. Among other ReferNet activities, the Institute gathers information on the functioning of VET in Poland, monitors changes and trends in national VET policies, and analyses the implementation of European Union policy guidelines in this area.



duration:

2016–2019

funding source:

CEDEFOP

websites:

www.cedefop.europa.eu/pl/events-and-projects/networks/refernet

www.refernet.ibe.edu.pl

SIRIUS 2.0

Sirius is a European network of organisations and institutions working on issues relating to education for migrants. Its aim is to support the development of educational opportunities for migrants in EU Member States through research activities, the exchange of experiences, and by working together to implement education solutions. As of 2017, the network has been implementing a project known as Sirius 2.0 through co-financing from the European Commission. The Educational Research Institute is a member of the network as well as a partner in this project.



duration:

2017–2021

funding source:

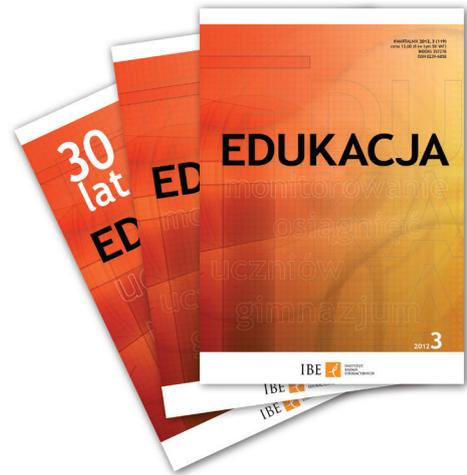
Erasmus+

website:

www.sirius-migrationeducation.org

SCIENTIFIC JOURNALS

Published since 1983, the quarterly **EDUKACJA [EDUCATION]** is one of Poland's most important scientific journals addressing issues in the broadly understood field of education. It is a platform for presenting issues relating to the teaching of school subjects, the research results of studies conducted in Poland and abroad, as well as the impact of the changes being introduced in the education system and monitoring their effects.



website:

www.edukacja.ibe.edu.pl

The quarterly **EDUKACJA BIOLOGICZNA I ŚRODOWISKOWA [BIOLOGICAL AND ENVIRONMENTAL EDUCATION]** presents the most recent findings in the natural and environmental sciences, scientific papers on education in these fields, modern didactic materials, as well as reviews and information about important scientific events and the latest discoveries. The journal is an ideal resource for life science teachers, and provides interesting articles for pupils and students searching for the most current information from a reliable source. As of 2013, the quarterly has been available exclusively as an e-publication.



website:

www.ebis.ibe.edu.pl

IBE'S OFFER

IBE extends its offer to both public institutions and private entities. We offer our partners comprehensive support in many different areas:

- ✓ **ANALYTICAL SUPPORT**
based on research results, practice and administrative data
- ✓ **DESIGNING STRATEGIES AND EVALUATING ACTIVITIES**
to improve the education system
- ✓ **QUANTITATIVE AND QUALITATIVE RESEARCH**
in the broadly understood field of education and the labour market
- ✓ **DESIGNING SOLUTIONS**
for labour market modelling
- ✓ **ORGANISING SEMINARS**
workshops and conferences
- ✓ **DEVELOPING RECOMMENDATIONS**
e-learning courses, research reports, expert opinions and analyses

WE INVITE YOU TO JOIN US IN OUR WORK

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