

MUCI

Międzyuniwersyteckie
Centrum Informatyzacji

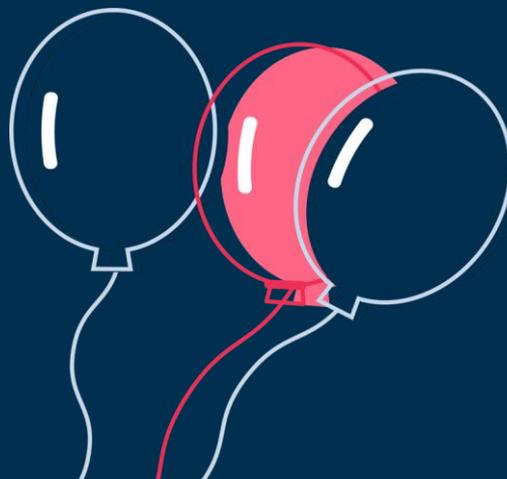
razem od

20

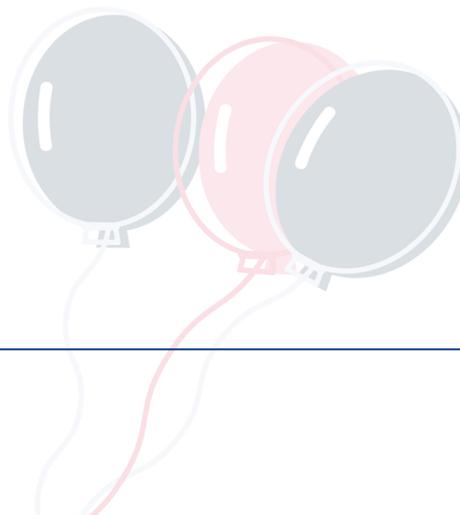
lat

Świętujemy razem 20. urodziny MUCI

Konferencja 9-10 listopada 2021



MUCI na arenie międzynarodowej



Jak to się zaczęło?



Tempus Phare Joint European Project NEW EDUCATIONAL TOOLS

Contract No: UM_JEP-
14461-1999

November 1, 1999 -
October 31, 2001

Budget 416,045 EURO

Contractor: **Warsaw
University**



NET

Project objective
Project management
Reports
Meeting

Polish Consortium Members

1. University Accreditation Commission, Poznań
2. Adam Mickiewicz University, Poznań
3. Catholic University of Lublin, Lublin
4. Gdańsk University, Gdańsk

EC Consortium Members

1. Universiteit Gent, Gent (B)
2. Universite de Liege, Liege (B)
3. Christian-Albrechts-Universität, Kiel (D)
4. Fachhochschule Darmstadt (D)
5. Universidade de Aveiro, Aveiro (P)
6. LADOK Consortium, Umea (S)
7. University of Warwick, Coventry (UK)
5. Jagiellonian University, Kraków
6. Maria Curie-Skłodowska University, Lublin
7. Nicholas Copernicus University, Toruń
8. Pontifical Academy of Theology, Kraków
9. University of Silesia, Katowice
10. University of Białystok, Białystok
11. University of Łódź, Łódź
12. University of Opole, Opole
13. University of Szczecin, Szczecin
14. University of Wrocław, Wrocław
15. Cardinal Stefan Wyszyński University
16. Warmia and Masuria University

The NEW EDUCATIONAL TOOLS project

Since 1989 Polish universities are undertaking a reform of their academic structure. During these ten years major efforts were made to modernise the teaching process, research organisation and management structures. In a view of the fact that the modern labour market requires open-minded versatile graduates the universities are striving to depart from traditional, self contained in faculty structures way of curriculum delivery and to introduce a modular course of study.

The above-described course of reforms requires appropriate management structures supported by **effective management information systems**. The universities partners in this project have already proceeded with major administration reforms.

Most of them undertook different reforms in the area of management structures and **introduction of IT tools for information management**. Most Polish universities have computerised databases for student registration and performance, but only at the faculty level. Therefore, our most immediate need is to **integrate these systems into one university-wide date base**. However, we are also aware that this is a complex task.

Another challenge faced by Polish universities is the **introduction of a new admission procedure**. Traditionally, a student is admitted to a faculty, which has its own admission procedure, usually lengthy and inefficient, and this makes a subsequent flow of students between the faculties very difficult. It was Warsaw University that initiated changes in this area through the introduction of the centralised candidate registration at a number of faculties along with joint entrance examinations in several fields 4 years ago.

Collaboration between all the partners aiming at the best use of resources is the **most effective way to further progress in the area of management information systems (MIS)**. The work will run parallel in two directions. A general, **integrated management information system will be created**. At the same time individual modules are to be developed.

The NET project is prepared with the above priorities in view. The **participation of all Polish universities is the greatest strength of this project**, which will make possible concerted actions in the area of MIS and the introduction of IT tools. Some of the participating universities are more advanced in particular areas and will play a leading role in the project. Thus the project will initiate and accelerate **the developments in this area**. Moreover, working in a large group will make it possible to set standards, which will be later used by all the partners. The **advice and expertise provided by the EC partners** will reach a large group of institutions in Poland and therefore will be used in the most efficient way.

Czerwiec 2007, EUNIS Elite Award

About the EUNIS Elite Award

The purpose of the EUNIS Elite Award is to recognize and promote best practice in some aspect of the use of information systems in higher education in Europe. The competition is intended to:

- recognize excellence
- stimulate wider awareness and use of information systems in research, administration and community service in institutions
- encourage best practice

Submissions for the Award may come from any area related to information systems, including for example: Portals, Identity Management, Administrative Information Systems.

<https://www.eunis.org/awards/eunis-elite-award/>



EUNIS
EUROPEAN UNIVERSITY
INFORMATION SYSTEMS



	University Centre for Informatization University Study-Oriented System	EUNIS 2007
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1. Application for the EUNIS Elite Award 2007

The consortium *University Centre for Informatization* (MUCI) which owns *University Study-Oriented System* (USOS) applies for 2007 EUNIS Elite Award for excellence in implementing information systems for higher education. By creating an effective forum for inter-university cooperation we were able to develop high quality, integrated information system for managing administration tasks at educational institutions in Poland.

2. Introduction

University Study-Oriented System (called **USOS**) is known to EUNIS community. The history of system development has been reported at EUNIS conferences, year by year, starting from the one in Porto in 2002:

- 2002: *Student Management Information System for Polish Universities*
- 2003: *Deploying University Study-Oriented System at Polish Universities*
- 2004: *New Course Registration Module for the University Study-Oriented System*
- 2004: *Student Admission System for Warsaw University*
- 2005: *Computer system support for the Bologna process at Warsaw University*
- 2006: *Central Registry for Results of Maturity Examinations for Student Admission Systems in Poland*
- 2007: *Electronic Student Identity Cards for the University of Warsaw*

Maj 2003, zagraniczny praktykant (Lucas)



W kolejnych latach
wiele wizyt w ramach
STT week

2010, zagraniczny praktykant (Daniel)



EUROWEX – University Administration services by using Digital Signature 2006-2008

EUROWEX system allows university professors to manage the transactions regarding midterms and final exams via Web digitally signing the prepared documents. Based on the general UNIQUE architecture, it is part of a general environment developed by Unimatica for applying digital signature in the administrative sector.

More specifically the implemented services are related to:

- exams recording,
- exam organizations,
- lecture recording,
- final exams recording,
- inter-EU students academic exchange.

*Pierwsze certyfikaty podpisu
kwalifikowanego
Kilka ciekawych pomysłów*



Maj 2008, LADOK z wizytą w Warszawie



The Mobility Project

2008-2011



Student and staff mobility is one of the most important priorities of the European Higher Education Area promoted by the Bologna process. In the age of the Internet, web services and digital signatures, European universities keep data concerning students and study programs in an electronic form, yet exchange it on paper. Applications can transfer data electronically through web-services architecture; however, they need **common formats for data** concerning cooperation and mobility. There are on-going initiatives aiming to set European standards for student digital data portability and although an official European Norm has not been released so far, the specifications already produced might serve as a starting point.

The aim of the Mobility Project is to develop a **prototype infrastructure to send data about student mobility between the systems.**

Project home page: <https://www.usos.edu.pl/Mobility/>.

The Mobility Project

2008-2011



History of the project (meetings, workshops, other milestones)

2008 June, Aarhus, Eunis 2008

2008 October, Bologna, meeting of Cineca and MUCI

2009 February, Warsaw, [meeting of Cineca, MUCI, and Ladok](#)

2009 June, Santiago de Compostela, Eunis 2009, [RS3G workshop](#)

2009 November, Uppsala [RS3G workshop](#)

2010 March, Bologna, [RS3G Mobility Project meeting](#)

2010 June, Warsaw, Eunis 2010, [RS3G workshop](#)

2010 December, Malaga, [joint workshop of RS3G and Terena TF-EMC2](#), [workshop on wiki](#)

2011 March, Barcelona, [Coding camp](#), [camp on wiki](#), [Presentations](#)

2011 May, Prague, TNC 2011, [How to Make Paperless Mobility between Higher Education Institutions possible?](#)

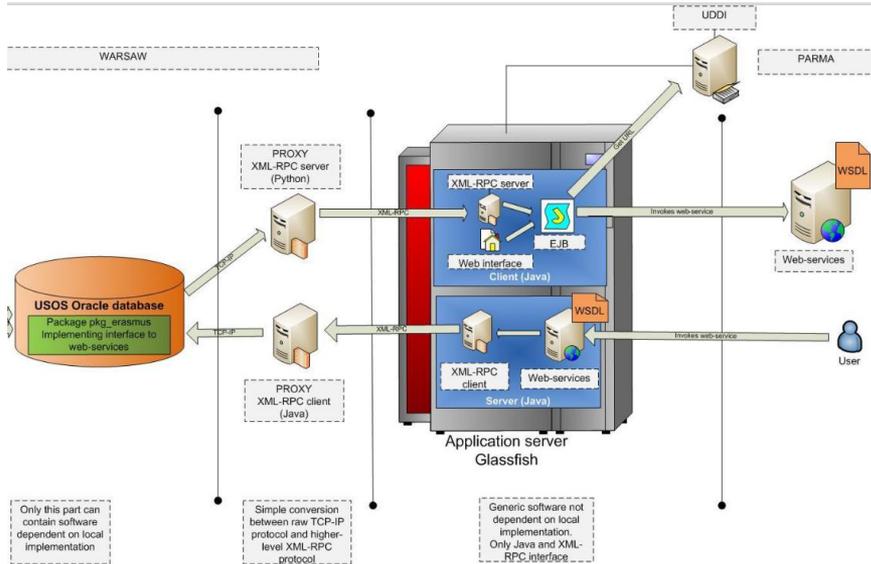
2011 June, Dublin, Workshop of RS3G at EUNIS 2011, [Progress Report](#)

2012 April, Groningen, [RS3G workshop](#)

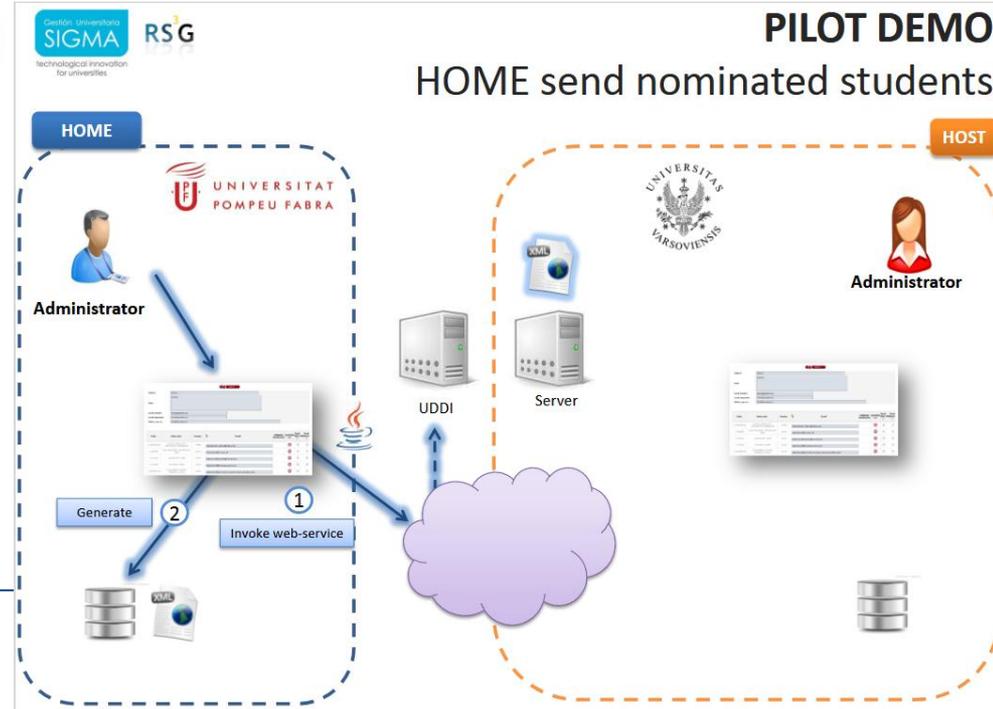
2012 June, Vila Real, Eunis 2012, [Nuria Cuni - presentation](#)



The Mobility Project 2008-2011



Mobility client, Factheets



Czerwiec 2010, EUNIS w Warszawie



Czerwiec 2011, EUNIS w Dublinie



Egracons – European GRading CONversion System

Practical Approach to Improving ECTS Implementation in Europe

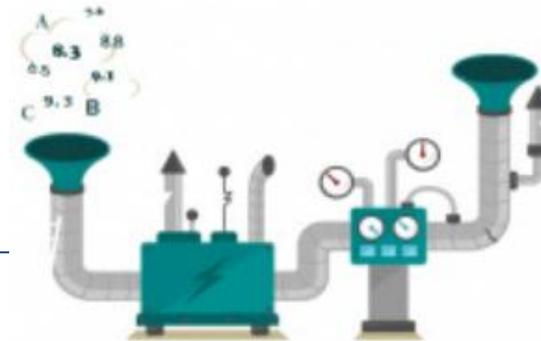
2012-2015

The Egracons project is a Lifelong Learning project aiming to facilitate exchange mobility by working out a **conversion system based on ECTS grade conversion tables** as recommended in the EU's ECTS Users' guide.

The project aims to build up a wide-spread awareness and common understanding of the different grading systems in Europe and to enable an **accurate interpretation of grades** given abroad, leading to a fair and manageable conversion of these grades to a local grade in the home institution.

It is also developing an online, **web based Egracons tool** that will allow direct and automatic conversions of such grades on the basis of annual, statistically-based grading tables supplied by individual institutions as part of an overall database.

Project home page: <http://egracons.eu/>.



Egracons – European GRading CONversion System

Practical Approach to Improving ECTS Implementation in Europe

2012-2015

EGRACONS - European Grading Conversion System

Parametry Pomoc

Cykl dydaktyczny "od" Cykl dydaktyczny "do"

Kod	Opis	<input type="checkbox"/>	<input type="checkbox"/>
STD	Skala ocen standardowa	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AM	Skala ocen amerykańska	<input type="checkbox"/>	<input type="checkbox"/>
SOCR	Skala ocen w programie wymiany	<input type="checkbox"/>	<input type="checkbox"/>
ZAL	Zaliczenie	<input type="checkbox"/>	<input type="checkbox"/>
ZAL-STD	Zaliczenie lub ocena w skali standardowej	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Kody ISCED Kody ERASMUS Obszary wiedzy Eksport do Grading Table

Nazwa pliku wyjściowego

Razem z plikiem wyjściowym tworzony jest plik o takiej samej nazwie, ale z rozszerzeniem .log.
 Zapisywane są w nim wszystkie błędne zdarzenia.

Uniwersytet Warszawski

Niniejszy suplement do dyplomu jest oparty na modelu opracowanym przez Komisję Europejską, Radę Europy oraz UNESCO/CEPES. Ma on dostarczyć obiektywnych i pełnych informacji dla lepszego zrozumienia oraz sprawiedliwego uznawania kwalifikacji akademickich i zawodowych w kraju i za granicą. Suplement zawiera opis rodzaju, poziomu, kontekstu, treści i statusu odbytych studiów i pomyślnie ukończonych przez osobę wymienioną w oryginalnym dyplomie. Opis ten nie powinien zawierać żadnych sądów wartościujących, stwierdzeń o równoważności lub sugestii dotyczących uznania. Powinien dostarczać informacji odnośnie do wszystkich ośmiu sekcji. Tam gdzie informacja nie została podana, należy wyjaśnić przyczyny jej braku.

SUPLEMENT DO DYPLOMU



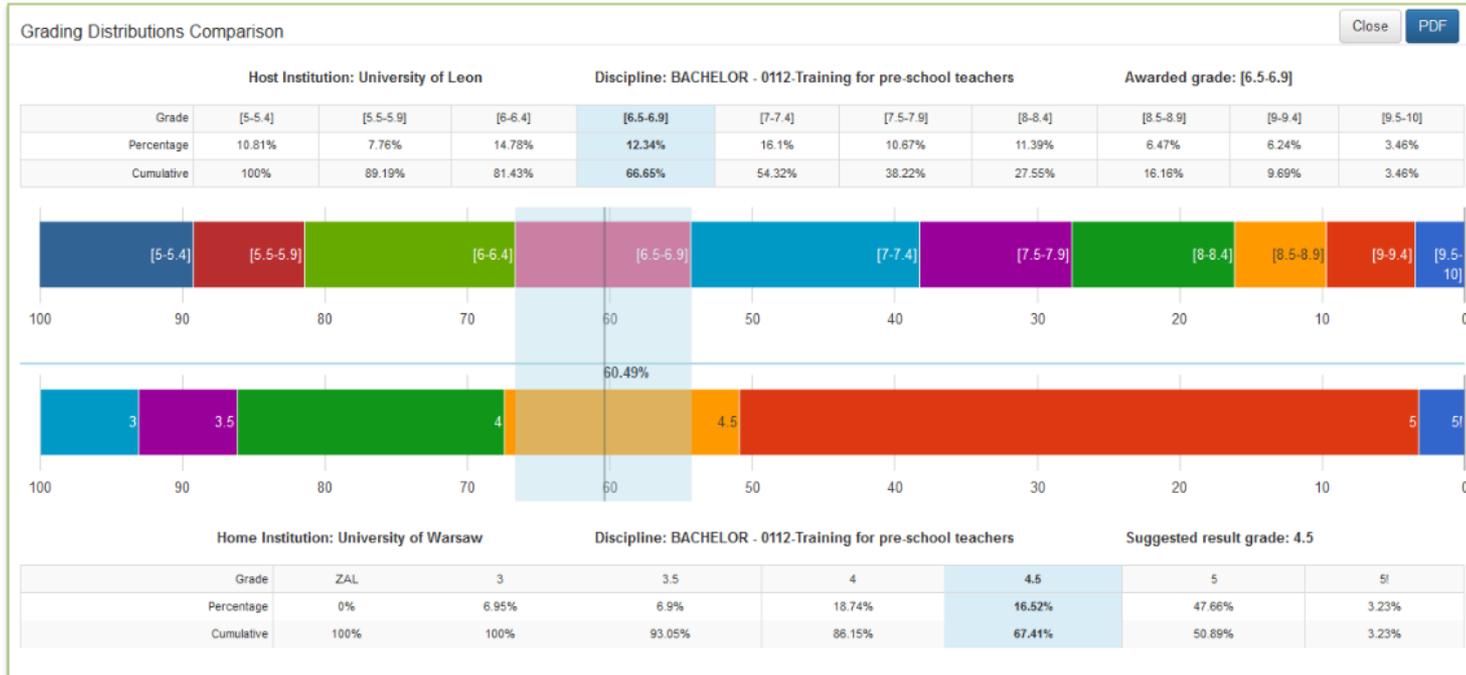
Rozkład ocen w latach akademickich od: 2018/2019 do: 2019/2020, dla programów licencjackich z kodem ISCED 0541 - Matematyka

Ocena	3	3,5	4	4,5	5	5!	ZAL
Procent	24,45	16,24	18,32	11,66	16,11	3,00	10,21
Procent skumulowany	34,66	50,91	69,23	80,89	97,00	100,00	10,21

Egracons – European GRading CONversion System

Practical Approach to Improving ECTS Implementation in Europe

2012-2015

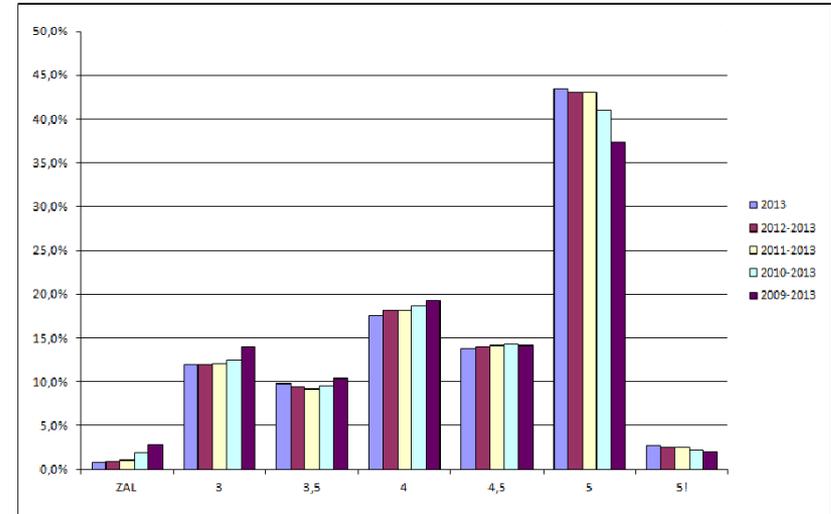
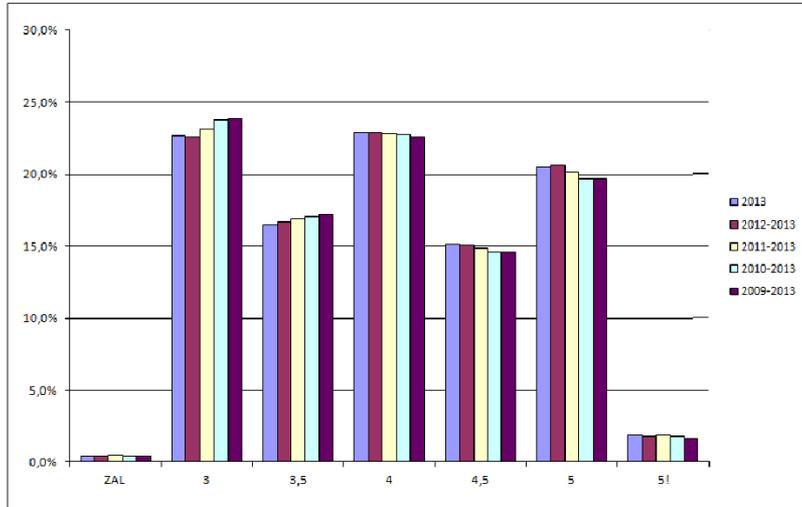


Data in Excel – BA, various time ranges

Data in Excel – MA, various time ranges

05xx Natural sciences, mathematics and statistics

05xx Natural sciences, mathematics and statistics



Konkurs EDUinspiracje 2013



Projekt "**USOS-moduł BWZ oraz Mobility – nowoczesne technologie na rzecz rozwoju uczelni**" – zgłoszenie udziału Uniwersytetu Warszawskiego w konkursie EDUinspiracje 2013 (kategoria instytucjonalna programu Erasmus) organizowanym przez Fundację Rozwoju Systemu Edukacji.

Wniosek konkursowy napisała Pani Sylwia Salamon, kierownik Biura Współpracy z Zagranicą, podkreślając w nim udaną współpracę pracowników BWZ i **zespołu programistów MUCI**, która pozwoliła na wytworzenie **oprogramowania będącego przedmiotem szczerzej zazdrości pracowników analogicznych biur z uczelni partnerskich** odwiedzających Warszawę.

List z gratulacjami wystosowali dyrektor generalny FRSE, Minister Nauki i Szkolnictwa Wyższego oraz Minister Edukacji Naukowej. Uniwersytet Warszawski otrzymał również dyplom za zajęcie pierwszego miejsca w swojej kategorii.

Więcej na temat konkursu EDUinspiracje: <http://www.eduinspiracje.pl>.

e-Quatic – Online Quality Assessment Tool for International Cooperation

2015-2019



Since the beginning of the Erasmus programme there has been a huge expansion in the number of international agreements of many higher educations. In recent years, however, more and more the focus is on quality in international cooperation. The question is: how can we **monitor the quality of cooperation** objectively?

Within Ghent University this recently led to the development of an internal tool called Quality Assessment Tool for International Cooperation. This tool measures and exposes strengths and weaknesses in international cooperation. The main principle of QuATIC is the use of **quantified indicators** based on **available data** taken from various data sources. By converting quantitative and descriptive data into figures, cooperation with partners at different levels can easily be analysed.

Project home page: <http://www.equatic.eu>.



EMREX – Field trial on the impact of enabling easy mobility on recognition of external studies

2015-2017



EMREX is the solution for **electronic transfer of student records** between higher education institutions in Europe. The biggest benefit of EMREX will be the increased availability, quality and reliability of information about student records of achievement information.

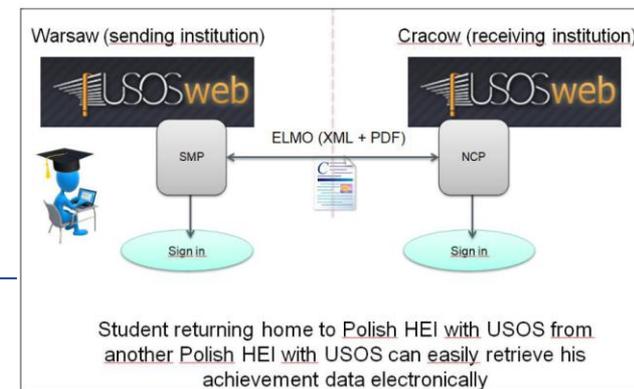
The EMREX field trial aims at testing new ways to make the administration of student mobility easier and thus promoting higher attainment level to student mobility in higher education and also encouraging more effective recognition of prior learning and avoiding overlapping studies. In the first phase the transfer will be set-up between four Nordic countries, Italy and Poland.

Project home page: <http://www.emrex.eu>.

[How it works video](#)

Recordings for the workshop [4EU+ Alliance](#) on January 26th, 2021:

[EMREX in USOS](#), [EWP in USOS \(example: Transcript of Records\)](#)



EMREX – Field trial on the impact of enabling easy mobility on recognition of external studies

2015-2017



USOSweb

AKTUALNOŚCI | KATALOG | MOJ USOSWEB | **DLA STUDENTÓW** | DLA PRACOWNIKÓW | DLA WSZYSTKICH | DLA ABSOLWENTÓW

Wprowadzenie

REJESTRACJE

- 📅 kalendarz
- 💰 koszty
- 👤 na przedmioty
- 👤 bezpośrednio do grup
- 👤 preferencje grup

REJESTRACJE NA EGZAMINIE

MOJE STUDIA

- 📄 sprawdziany
- 📄 oceny
- 📄 moje oceny
- 📄 **EMREX**
- 📄 podjęcia
- 📄 POL-on
- 📄 decyzje
- 📄 zaliczenia etapów
- 📄 grupy dziekańskie
- 📄 podania
- 📄 rankingi
- 📄 stypendia
- 📄 wymiana studencka
- 📄 ankiety
- 📄 płatności FK
- 📄 dyplomy
- 📄 mLegitymacja

SPOTKANIA



Importowanie danych o zaliczeniach

W tym module możesz zaimportować swoje oceny z zewnętrznej uczelni.

Rozpocznij nowy import

Lista importów

Wyświetlane są elementy 1..1 (spółbóg 1)

Data i godzina	Uczelnia	Status	
2021-06-17 18:35:42	Jagiellonian University in Kraków	Zakończono import - zapisano dane	powiadom dziekanat szczegóły



Korzystasz z pilotażowej wersji modułu wymiany informacji o osiągnięciach.

Moduł jest częścią międzynarodowego projektu EMREX, który aktualnie jest nadal w fazie testów. Jeśli napotkasz problemy techniczne, zgłoś je w swoim dziekanacie.



...	PESEL	Indeks główny	Sygnatura	Data wydania	Opis	Akcje
KOOS				30.09.2021	KOOS wygenerowana elektronicznie z USOS w dniu 30.09.2021	→ Pobierz → Dokumenty osób wg programu
KPS				17.06.2021	Jagiellonian University in Kraków (http://uj.edu.pl)	→ Pobierz → Dokumenty osób wg programu

1 z 3

Skala automatyczna

Kraków, 17.06.2021

UNIWERSYTET JAGIELLOŃSKI W KRAKOWIE

KARTA PRZEBIEGU STUDIÓW

INFORMACJE O STUDENCIE

Nazwisko: _____
 Imię (miona): _____
 Data urodzenia (dzień, miesiąc, rok): _____
 Numer albumu: _____

INFORMACJE O STUDIACH

Program studiów: MISH, stacjonarne / stopnia
 Data projektu na program: 01.10.2014
 Forma studiów: stacjonarne; Rodzaj studiów: pierwszego stopnia
 Kierunek studiów: Międzywzrostkowe Indywidualne Studia Humanistyczne
 Program studiów: Filozofia w ramach MISH, stacjonarne / stopnia
 Data projektu na program: 01.10.2014
 Forma studiów: stacjonarne; Rodzaj studiów: pierwszego stopnia
 Kierunek studiów: filozofia
 Program studiów: Program dodatkowy związany z planościami dla JCJ
 Data projektu na program: 01.10.2016
 Forma studiów: null; Rodzaj studiów: null

INFORMACJE O OSIĄGNIĘCIACH

Przedmioty wg cykli dydaktycznych	Zajęcia/godziny	Ocena	ECTS
Semestr zimowy 2014/2015			
(WFz-IF-RO78p) Elementy prawa autorskiego	wyk 15	[4,5]	3
(WFz-IF-HO12a) Filozofia starożytna	wyk 30 / cw 30	[3,5-4]	6
(JCJ-4-WFz-V-301) Język łaciński - Vestibulum - 30 godzin/2 semestr	lek 30	[5]	
(WP/0/03) Kultura salonów i cywilizacja konwersacji w Europie	wyk 30	[3]	3
(WH.H.U.D.4.1.5a) Kultury Polski i Rosji - historyczne porównania i	wyk 30	ZAL	1.5

EMREX – Field trial on the impact of enabling easy mobility on recognition of external studies

2015-2017



[Conference "Pros and Cons of Central Admission to Higher Education Institutions in Poland,"](#)
November 2017

[How EMREX may help in IT support for central admission](#)

Geir Magne Vangen, CERES, Norway, Janina Mincer-Daszkiewicz, University of Warsaw, Poland



EMREX – Field trial on the impact of enabling easy mobility on recognition of external studies

2015-2017



Polish HEIs in the EMREX Network

University of Warsaw
Jagiellonian University in Kraków
Adam Mickiewicz University in Poznań
Nicolaus Copernicus University in Toruń
Maria Curie-Skłodowska University in Lublin
University of Opole
University of Białystok
Cardinal Stefan Wyszyński University in Warsaw



Grudzień 2017, konferencja końcowa projektu EMREX



EWP – Erasmus Without Paper

2015-2017, 2018-2019



The Erasmus without paper network is an **integrated communication network**, supporting the **exchange of student data in an electronic format**.

It has defined the basic connecting software modules (APIs) that allow SIS (Student Information Systems) or Mobility Packages (the software that takes care of Bilateral Agreements, Learning Agreements, Transcript of Records and other documents) to connect to the EWP Network.

The first EWP project has primarily developed a framework and **common data standards** for interoperability between HEI systems and produced a prototype. The aim of the EWP 2.0 project is to upscale the prototype EWP Network and industrialise it, making it ready for a European-wide roll-out.

Project home page: <http://www.erasmuswithoutpaper.eu>.



EWP – Erasmus Without Paper 2015-2017, 2018-2019



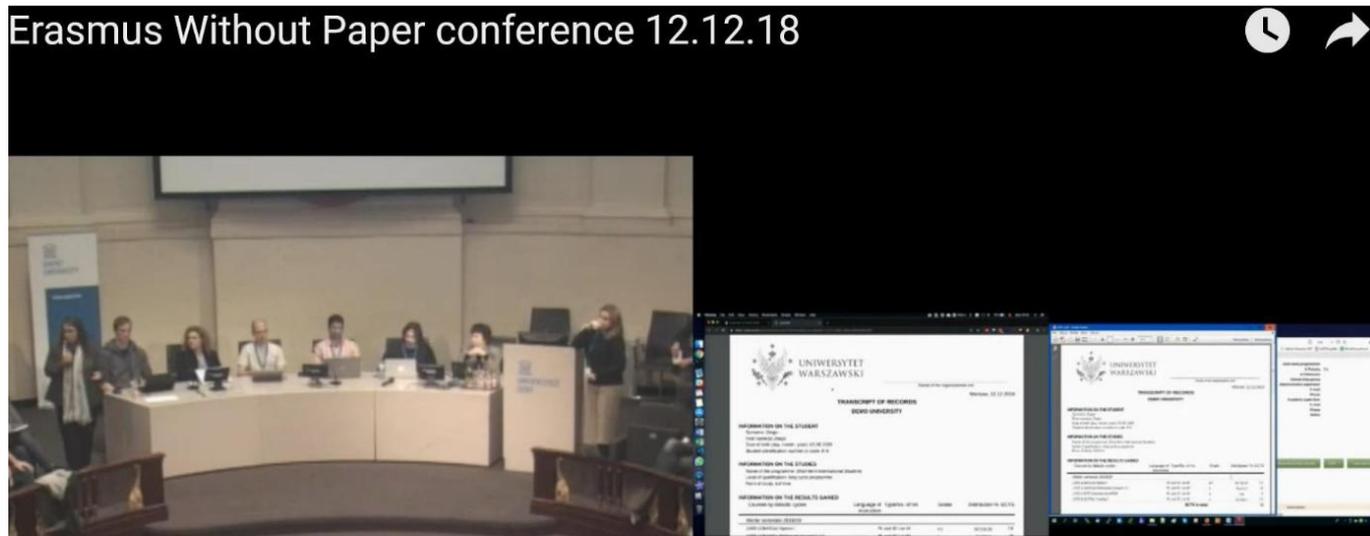
University of Warsaw, as one of the partners in the EWP consortium, has implemented the EWP server and the EWP client, as part of the University Study-Oriented System (USOS). The **developed software is freely available to all HEIs from the MUCI consortium** – users of USOS. University of Warsaw is the first HEI in Poland which deployed the EWP connector in the production EWP Network (see <https://registry.erasmuswithoutpaper.eu>).

The European Commission officially announced that the use of EWP will become obligatory starting with the next Erasmus programme in 2021.

[Video showing some EWP scenarios](#)

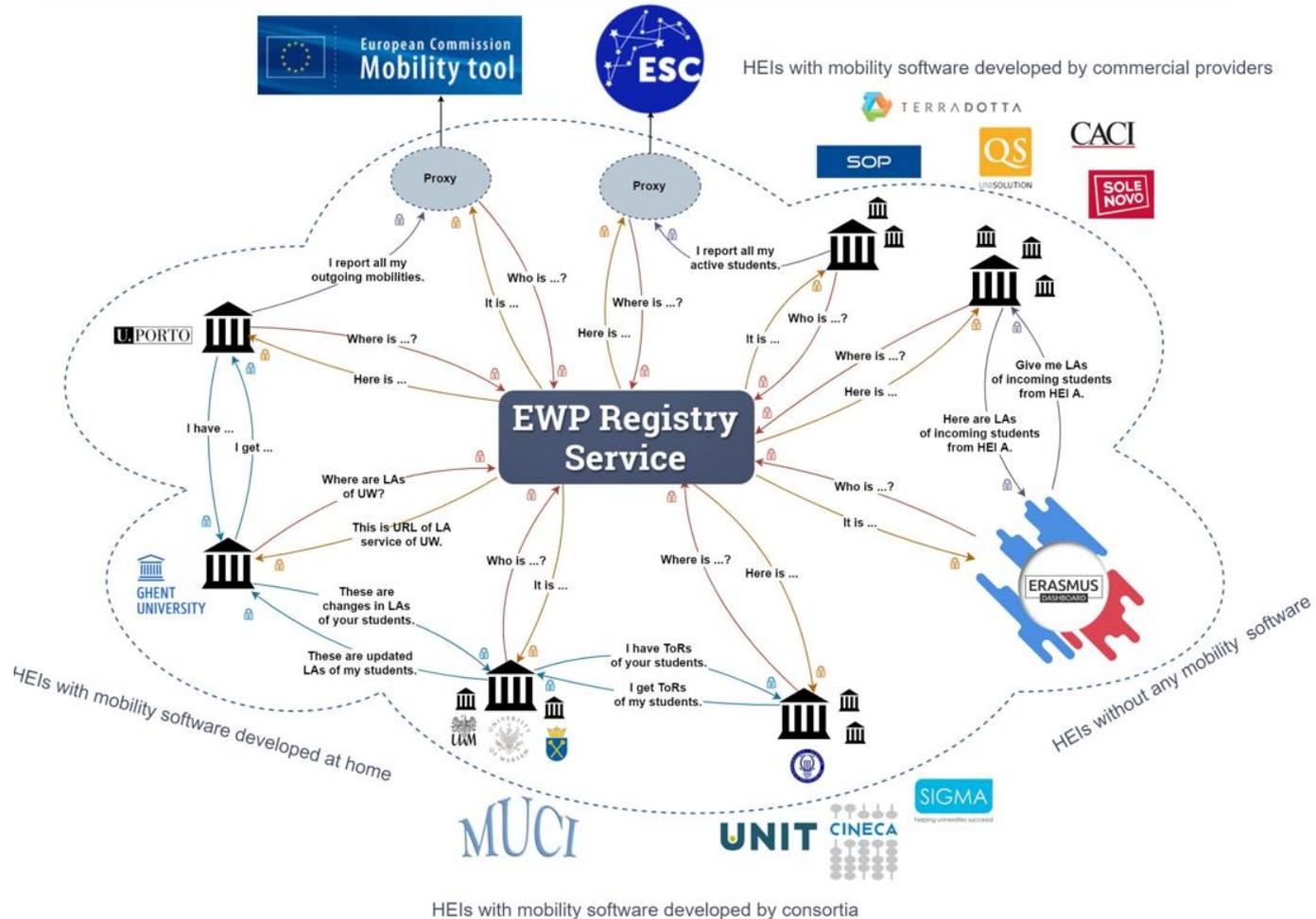
(USOS is shown from 2:11:00 to 3:06:00).

Erasmus Without Paper conference 12.12.18





EWP Network Infrastructure





EWP Registry Service

Automated discovery service of APIs related to Higher Education in Europe
Provided and supported by Erasmus Without Paper project

At the following URL you will find the XML catalogue which describes all the institutions and APIs exposed by them:

<https://registry.erasmuswithoutpaper.eu/catalogue-v1.xml>

This catalogue is continuously refreshed. Read the Architecture document for more information. Also check out the Developers Hub for useful tools and documents.

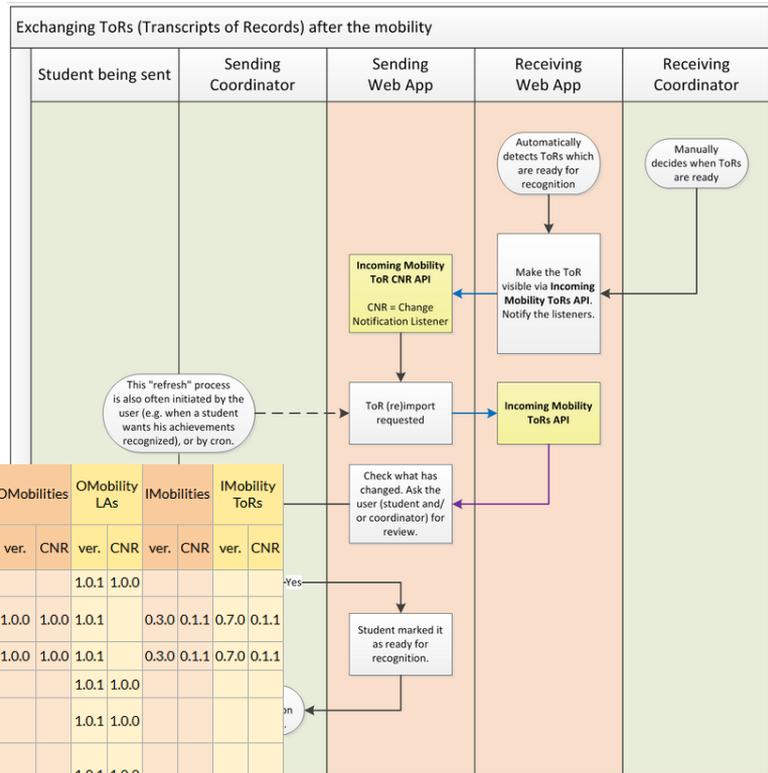
Manifest Importer Status | XML Schema Validator
Manifests Overview | HEI/API Coverage Matrix
EWP Developers Hub | HEI Search Page

Uptime ratios

100.00% - 24 hours
99.90% - 7 days
99.91% - 30 days
97.05% - 365 days

v1.0.0-RELEASE

Contact: ewp-techn@uos.edu.pl



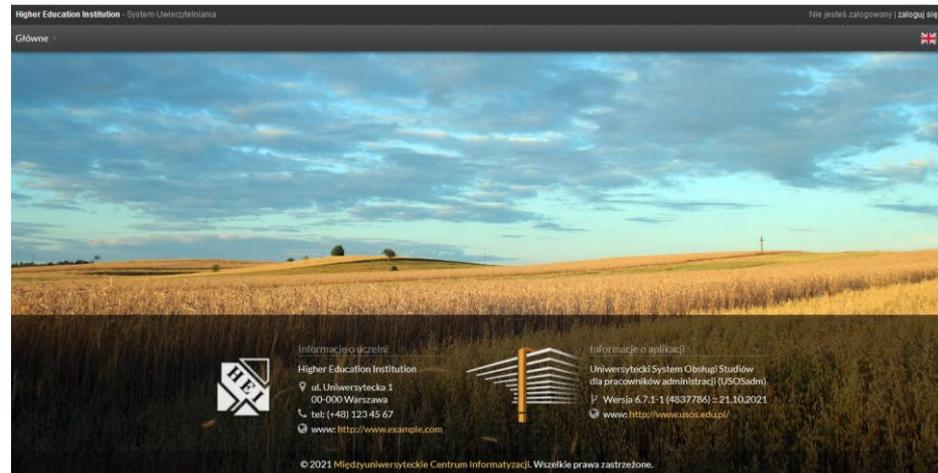
#	Institution	SCHAC	Erasmus code	Primary Network APIs			General Purpose APIs			IIAs			IIAs Approval		OMobilities		OMobility LAs		IMobilities		IMobility ToRs		
				discov.	echo	inst.	ounits	courses	course replic.	ver.	CNR	fact.	ver.	CNR	ver.	CNR	ver.	CNR	ver.	CNR	ver.	CNR	ver.
1721	Uniwersytet Rzeszowski	ur.edu.pl	PL RZESZOW02				2.1.0			6.0.0	2.0.2	0.3.0	1.0.0	1.0.0			1.0.1	1.0.0					Yes
1722	University of Agriculture in Krakow	urk.edu.pl	PL KRAKOW06	5.0.0	2.0.1	2.1.0	2.1.0	0.7.1		6.0.1	2.0.3		1.0.0	1.0.0	1.0.0	1.0.0	1.0.1		0.3.0	0.1.1	0.7.0	0.1.1	
1723	University of Silesia in Katowice	us.edu.pl	PL KATOWIC01	5.0.0	2.0.1	2.1.0	2.1.0	0.7.1		6.0.1	2.0.3		1.0.0	1.0.0	1.0.0	1.0.0	1.0.1		0.3.0	0.1.1	0.7.0	0.1.1	
1724	Uniwersytet Szczeciński	usz.edu.pl	PL SZCZECIO1				2.1.0			6.0.0	2.0.2	0.3.0	1.0.0	1.0.0			1.0.1	1.0.0					on
1725	Uczelnia Techniczno-Handlowa Im. Heleny Chodkowskiej	uth.edu.pl	PL WARSZAW17				2.1.0			6.0.0	2.0.2	0.3.0	1.0.0	1.0.0			1.0.1	1.0.0					
1726	Uniwersytet Technologiczno-Przyrodniczy Im. Jana I. Jedrzeja Śniadeckich w Bydgoszczy	utp.edu.pl	PL BYDGOSZ02				2.1.0			6.0.0	2.0.2	0.3.0	1.0.0	1.0.0			1.0.1	1.0.0					
1727	University of Warsaw	uw.edu.pl	PL WARSZAW01	5.0.0	2.0.1	2.1.0	2.1.0	0.7.1		6.0.1	2.0.3		1.0.0	1.0.0	1.0.0	1.0.0	1.0.1	1.0.0	0.3.0	0.1.1	0.7.0	0.1.1	
1728	University of Białystok	uwb.edu.pl	PL BIALYSTO4	5.0.0	2.0.1	2.1.0	2.1.0	0.7.1		6.0.1	2.0.3		1.0.0	1.0.0	1.0.0	1.0.0	1.0.1		0.3.0	0.1.1	0.7.0	0.1.1	
1729	Uniwersytet Warmiński Mazurski w Olsztynie	uwm.edu.pl	PL OLSZTYNO1				2.1.0			6.0.0	2.0.2		1.0.0	1.0.0			1.0.1	1.0.0					
1730	University of Wrocław	uwr.edu.pl	PL WROCLAW01	5.0.0	2.0.0	2.1.0	2.1.0	0.7.1		6.0.1	2.0.2		0.2.1	0.2.0	1.0.0	1.0.0			0.3.0	0.1.1	0.7.0	0.1.1	
1731	Akademia Finansów i Biznesu Vistula	vistula.edu.pl	PL WARSZAW78							6.0.0	2.0.2		1.0.0	1.0.0			1.0.1	1.0.0					
1732	Wysza Szkoła Społeczno-Przyrodnicza Im. Wincentego Pola w Lublinie	vpu.edu.pl	PL LUBLIN08				2.1.0			6.0.0	2.0.2		1.0.0	1.0.0			1.0.1	1.0.0					
1733	Military University of Technology	wat.edu.pl	PL WARSZAW33	5.0.0	2.0.1	2.1.0	2.1.0	0.7.1		6.0.1	2.0.3		1.0.0	1.0.0	1.0.0	1.0.0	1.0.1	1.0.0	0.3.0	0.1.1	0.7.0	0.1.1	

DEMO installations to test mobility scenarios

Two USOS installations:

University of Warsaw at <https://usosadm.demo.usos.edu.pl>

Some other HEI at <https://usosadm-hei.demo.usos.edu.pl/>



EWP – Erasmus Without Paper 2015-2017, 2018-2019



Janina Mincer-Daszkwicz, prezentacja konpektora EWP w USOSadm



EDSSI – European Digital Student Service Infrastructure 2020-2022



The EDSSI will build the EU **Student eCard core service platform** by **consolidating and integrating a range of ongoing digitisation initiatives**. The technical infrastructure will support the European Higher Education sector in enabling ubiquitous and online recognition of student status and identity as well as electronic exchange of students' records between European Higher Education Institutions.

The technical infrastructure will deliver an integrated authentication and authorisation infrastructure that brings together a) eIDAS identities, b) eduGAIN identities, c) an interoperable infrastructure serving as gateway to European/national/local nodes to exchange academic data and to access services and d) a web service platform for HEIs serving as an alternative access point to the interoperability infrastructure.

Projects involved:

Project home page: <https://edssi.eu>.



The Erasmus Without Paper project plays a **central role** in the European Commission's [European Student Card Initiative](#), a key initiative of the [European Education Area](#).

As part of this initiative, the Commission has announced that all higher education institutions participating in the Erasmus+ programme will gradually have to start using the **EWP Network** to exchange student mobility data with other higher education institutions participating in the new programme (2021-2027).

2021 – to manage online learning agreements
2022 – to manage inter-institutional agreements
2023 – to exchange student nominations and acceptances and transcripts of records related to student mobility

Tender

Development, implementation and support of the European Student Card Initiative LOT 1 – Develop, implement and support online systems, processes and services in relation to learning exchanges

2021-2025 (+ 2 more)



Partners

1. European University Foundation Campus Europae A.S.B.L.,
2. **Uniwersytet Warszawski**
3. Aristotelio Panepistimio Thessalonikis
4. Universidade Do Porto
5. Eötvös Loránd Tudományegyetem
6. Universiteit Gent
7. International Business Machines of Belgium SA
8. Eworx Ypiresies Ilektronikou Epicheirein Anonymos Etaireia
9. GÉANT Vereniging
10. Deutscher Akademischer Austauschdienst e.V. (DAAD)

eSignForStudy – Highly configurable eSignature solution for Higher Education

2021-2022



The project aims to develop a system for Higher Education Institutions that will enable the **use of electronic signatures and electronic seals** in line with eIDAS Regulation and standards (signature/seal creation and/or validation). It will focus on enhancing **document handling in Polish HEIs** and on **secure cross-border exchanges**.

Goals:

Design and develop a highly configurable eSignature solution.

Implement, test and validate the solution in Polish Higher Education area.

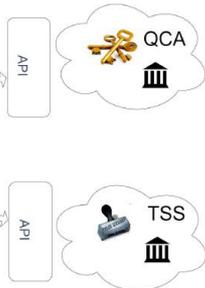
Test and validate the solution in cross-border exchange of documents using a European-wide platform for the secure transfer of student data (EWP, EMREX).

Project home page: <https://esignforstudy.eu>.

SignForStudy eCertificate Service



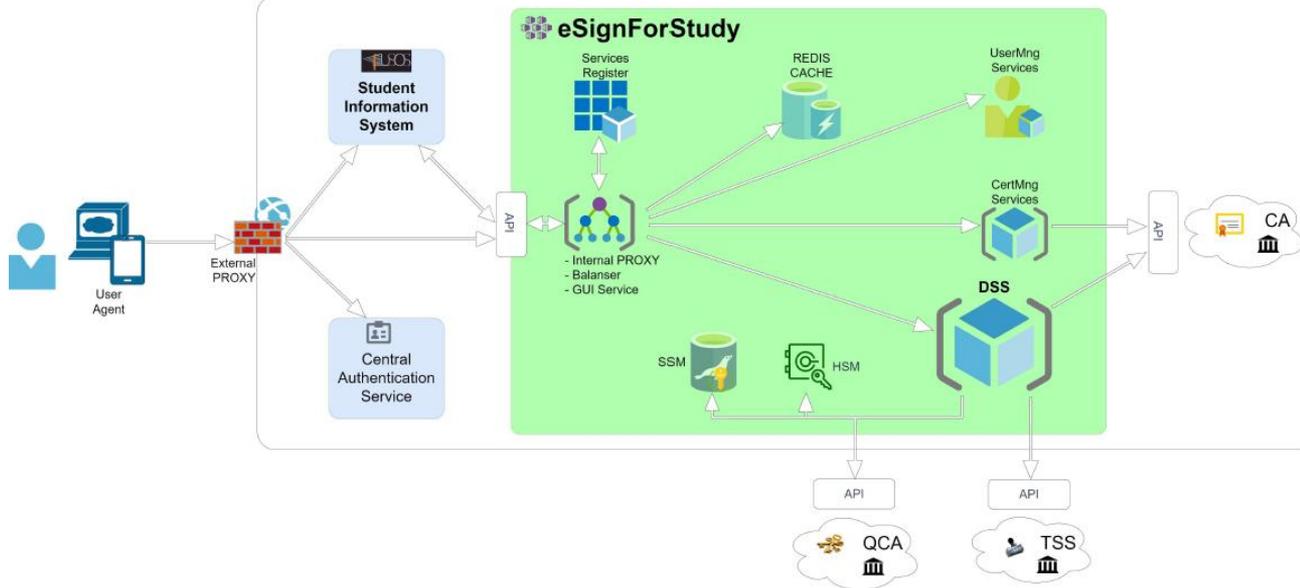
Student Information System



EWP Network



LAN of HEI



Co nam daje współpraca międzynarodowa?

- Fundusze na rozwój oprogramowania.
- Oprogramowanie.
- Wpływ na rozwiązania w zakresie IT w skali międzynarodowej.
- Dostęp do nowych technologii.
- Rozpoznawalność, dzięki czemu jesteśmy zapraszani do kolejnych, coraz bardziej prestiżowych projektów.
- Możliwość podpatrywania rozwiązań u partnerów zagranicznych (częściej oni podpatrują u nas).

