

EWP DEMO in Poland

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1. Useful links

1. EWP Registries

Production: <https://registry.erasmuswithoutpaper.eu/>

Development: <https://dev-registry.erasmuswithoutpaper.eu/>

- Currently defined manifest sources and their statuses: <https://dev-registry.erasmuswithoutpaper.eu/status>
- HEI/API Coverage matrix: <https://dev-registry.erasmuswithoutpaper.eu/coverage>

2. Main developer page: <https://developers.erasmuswithoutpaper.eu/>

Echo API Validator

XML Document Validator

Echo API Validator

This tool helps you to determine if your implementation meets the basic EWP standards (in particular, all its security requirements).

[Echo API](#) has been designed to serve two purposes: **(a)** to make developers aware of the specific security features required by EWP, and **(b)** to allow us to run automated tests on all existing implementations (thus reducing the risk of security misconfiguration). You will need to implement this API first, and make sure it is connected to our [developer network](#).

Select Echo API instance to run validation on:

-- select --

XML Schema Validator

This tool will help you with writing EWP XML documents. For example, you can paste the contents of your [Manifest file](#) here before you upload it onto your production site. You should be able to validate any XML document described in all **RELEASED**, **DEPRECATED** and **OBSOLETE** specifications above (plus, perhaps, some of the **DRAFT** ones).

Note, that this tool will validate **against the schema only!** Even if such validation succeeds, your file **may still be invalid** (if, for example, you didn't adhere to the guidelines described in `<xsd:documentation>` elements included in the XSD files).

Paste your XML document below and press

Validation result: **NOTICE**

Basic information

- URL of the Echo API being tested: `https://ewp.demos.usos.edu.pl/ewp/echo`
- Datetime validation started: `2019-01-17T18:02:09.727Z`
- Datetime client keys regenerated: `2019-01-09T12:35:35.565Z` (710794 seconds before validation)

Tests performed

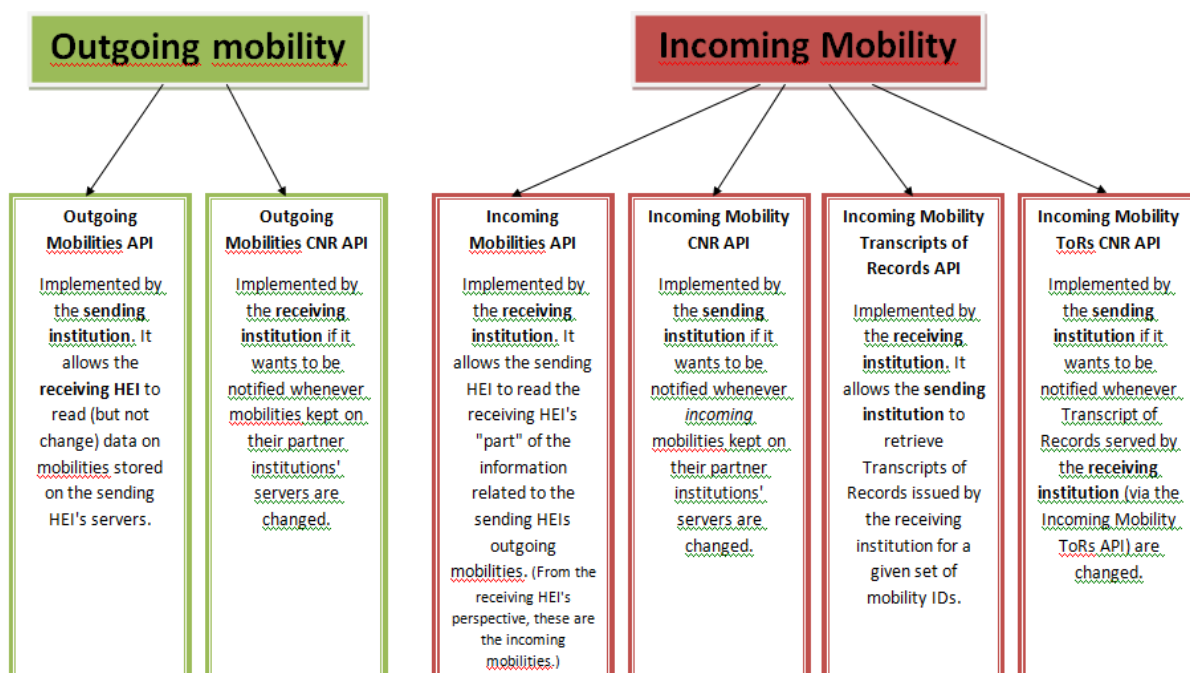
1.	Check if our client credentials have been served long enough.	SUCCESS
2.	Verifying the format of the URL. Expecting a valid HTTPS-scheme URL.	SUCCESS
3.	Verifying if the URL is properly registered.	SUCCESS
4.	Querying for supported security methods. Validating http-security integrity.	SUCCESS
5.	Trying Combination[GATTT] (no client authentication). Expecting a valid HTTP 401 or HTTP 403 error response.	SUCCESS
Details (click me)		
6.	Trying Combination[PATTT] (no client authentication). Expecting a valid HTTP 401 or HTTP 403 error response.	SUCCESS
Details (click me)		
7.	Trying Combination[GAHTT] (no client authentication). Expecting a valid HTTP 401 or HTTP 403 error response.	SUCCESS
Details (click me)		
8.	Trying Combination[GAHTT] with no valid algorithm in Accept-Signature header. Expecting to receive unsigned response.	NOTICE

Notices:

- Response contains the Signature header, even though the client didn't ask for it. In general, there's nothing wrong with that, but you might want to tweak your implementation to save some computing time.

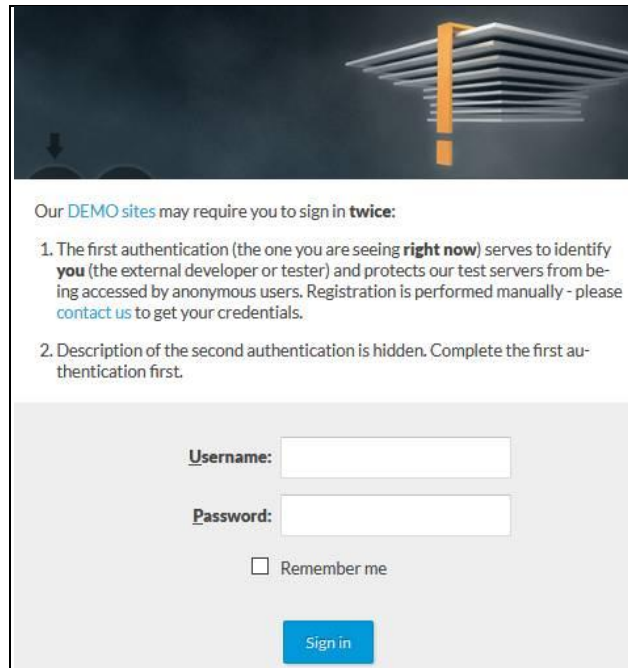
Details (click me)

2. Incoming and Outgoing Mobility APIs — Summary



3. Polish DEMO installation – authentication

Polish DEMO installations are protected by the LDAP account. Before you start testing, visit the page <http://usosweb.demo.usos.edu.pl> (USOSweb) or <https://usosadm.demo.usos.edu.pl/usosadm/> (USOSadm) and log in using the first set of credentials. The first authorization step can be recognized by the arrow pointing to the first arc at the top part of the screen.



Our DEMO sites may require you to sign in twice:

1. The first authentication (the one you are seeing **right now**) serves to identify **you** (the external developer or tester) and protects our test servers from being accessed by anonymous users. Registration is performed manually - please [contact us](#) to get your credentials.
2. Description of the second authentication is hidden. Complete the first authentication first.

Username:

Password:

Remember me

[Sign in](#)

USOSweb is a portal for students and academic staff. **USOSadm** is a portal for the administration. The Mobility module is part of USOSadm and part of USOSweb. Both applications have their own databases, which are synchronized on demand (usually all tables are synchronized each night and some chosen tables every quarter of an hour – let us know if you want to have some data synchronized more often).

To login to any of these applications use the same special string as username and password in the login window shown below.



USOS

Congratulations on bringing CAS online! To learn how to authenticate, please review the default authentication handler configuration.

Enter your Username and Password

Username:

Password:

Remember Me

[CLEAR](#) [LOGIN](#)

[forgotten password | polska wersja](#)

4. Architecture

In USOS functionality of EWP is handled by the following system components:

1. **USOSadm** — provides EWP interface to the users (mostly IRO staff).
2. **Connector** — responses to the EWP requests coming from the EWP Network.
3. **Daemon** (distributed as a separate Java WAR file) — selects records from the table with CNRs, invokes **get** with the mobility ID to get data from the partner and stores it in the other tables for further processing.

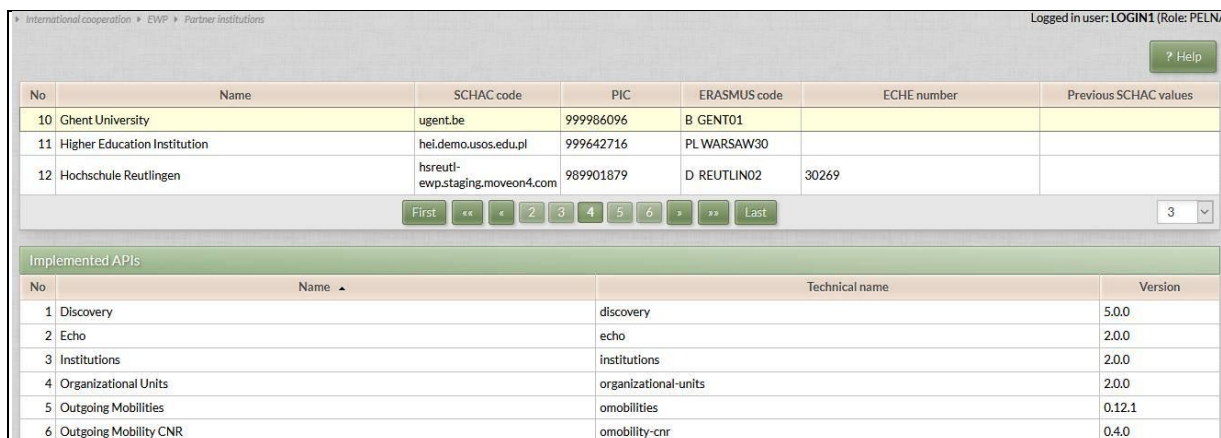
5. USOSadm — scenarios with screen shots

Some screens may change in the future, development work is in progress. Some text on the screens and in application may be in Polish, for example text available under HELP button. Use Google translator when needed.

5.1. Registry API

Go to USOSadm page **International cooperation** → **EWP** – **partner institutions**.

This screen shows the list of entries in the registry. Every authorized USOS user can see the list of partners in the EWP project (hosts in the EWP Network). The SCHAC code (second column on the screen) is crucial in all further actions since it is a unique identifier of the HEI. The user may want to view the SCHAC codes of the new partners to add them to the local tables. In the table below there is a list of APIs implemented by the given partner and their versions. For example, Ghent University implements five APIs, University of Warsaw implements 13 APIs. More detailed information about the supported endpoints is available in the registry: <https://dev-registry.erasmuswithoutpaper.eu/coverage>.



No	Name	SCHAC code	PIC	ERASMUS code	ECHE number	Previous SCHAC values
10	Ghent University	ugent.be	999986096	B GENT01		
11	Higher Education Institution	hei.demo.usos.edu.pl	999642716	PL WARSAW30		
12	Hochschule Reutlingen	hsreutl-ewp.staging.moveon4.com	989901879	D REUTLIN02	30269	

First << < 2 3 4 5 6 > >> Last 3

No	Name	Technical name	Version
1	Discovery	discovery	5.0.0
2	Echo	echo	2.0.0
3	Institutions	institutions	2.0.0
4	Organizational Units	organizational-units	2.0.0
5	Outgoing Mobilities	omobilities	0.12.1
6	Outgoing Mobility CNR	omobility-cnr	0.4.0

International cooperation » EWP » Partner institutions Logged in user: LOGIN1 (Role: PELN)

[? Help](#)

No	Name	SCHAC code	PIC	ERASMUS code	ECHE number	Previous SCHAC values
37	University of Porto	up.pt	999894916	P PORTO02	29233-EPP-1-2014-1-PT-EPPKA3-ECHE	
38	University of SOP	demo.sop.co.at		UK DEMO03	123456-IC-1-2012-1-UK-ERASMUS-EUC-1	
39	University of Warsaw	uw.edu.pl	999572294	PL WARSZAW01		

First << < 11 12 13 14 15 > >> Last 3

Implemented APIs

No	Name	Technical name	Version
1	Courses	courses	0.7.0
2	Discovery	discovery	5.0.0
3	Echo	echo	2.0.0
4	Incoming Mobilities	imobilities	0.3.0
5	Incoming Mobilty CNR	imobilty-cnr	0.1.0
6	Incoming Mobilty ToR CNR	imobilty-tor-cnr	0.1.0
7	Incoming Mobilty ToRs	imobilty-tors	0.7.0
8	Institutions	institutions	2.0.0
9	Interinstitutional Agreement CNR	ia-cnr	2.0.1
10	Interinstitutional Agreements	ias	2.0.0
11	Organizational Units	organizational-units	2.0.0
12	Outgoing Mobilities	omobilities	0.15.0
13	Outgoing Mobilty CNR	omobilty-cnr	0.4.0

5.2. Institutions and Organizational Units APIs

1. Go to USOSadm page: **International cooperation** → **Dictionaries** → **Institutions**

This is the list of HEIs. The SCHAC code is one of the attributes of the HEI. If the SCHAC code is not given, EWP APIs cannot be used (**Get data from EWP** button is not active), but still some EWP-oriented functionality is available. For example, a factsheet can be uploaded from the file. Then we can click the **Show button** to see it on the screen. We can add some comment.

When in the system, this factsheet can be handled as any other factsheet. In particular, it will be available for students and staff in the student portal USOSweb (see chapter 6).

Dictionaries » Nationwide dictionaries » Institutions Logged in user: JMD (Role: PELN)

[+ Add](#) [Set the filter](#) [? Help](#)

Institutions -- External units -- -- Factsheets --

No	Name in national language	Geneva	PIC	ERASMU	POL-on c	SCHAC c	Institutio	UZ
1	Haute Ecole de Gestion de Geneve	University of Applied Sciences of Geneva		CH DELEMONT02				UZ
2	Université de Geneve	University of Geneva		CH GENEVE01				UZ

First << < > >> Last 10

Details Address Telephones External units External persons Logo **Factsheet** Mobility Tool [? Help](#)

File

To display the factsheet press the "Show" button.

[Download](#) [Show](#) [Upload file](#) [Delete](#)

URL address

[Edit](#)

Notes

This HEI does not have SCHAC. EWP cannot be used. This factsheet has been uploaded manually.

[Edit notes](#)

UNIVERSITÉ DE GENÈVE
RELATIONS INTERNATIONALES

LLP/ERASMUS INFORMATION

ERASMUS website: <http://www.unige.ch/erasmus> or www.erasmusinfo.ch
 University of Geneva website: <http://www.unige.ch>
 Accommodation website: <http://www.unige.ch/dase/bulog/>

2. Go to USOSadm page: **International cooperation** → **Dictionaries** → **Institutions**

We have to add the SCHAC code to the description of the HEI before using any EWP API.

Logged in user: JMD (Role: PELNA)

→ Dictionaries → Nationwide dictionaries → Institutions

Add

Institutions

-- External units -- -- Factsheets --

No	Name in national language	Name in English	PIC	ERASMU	POL-on c	SCHAC c	Institutio	
1	Lund Institute of Technology							UZ
2	Lunds Universitet	Lund University	999901318	S LUND01				UZ

First << < > >> Last 10

Details Address Telephones External units External persons Logo Factsheet Mobility Tool

Name in national language: Lunds Universitet
 Name in English: Lund University
 Type of institution: Foreign university
 Parent unit: Click to choose Choose
 Participant Identity Code: 999901318
 ERASMUS code: S LUND01
 POL-on code:
 SCHAC code: ikea.university.se
 Institution code:
 Institution code in HR system:
 NUTS region: Click to choose Choose
 WWW: http://www.lu.se
 E-mail: lu@lu.se
 E-mail addresses for nominations: Characters remaining:1000
 Display: Yes
 Is public entity: -
 Is non-profit: -

Legal status: Utworzony w 1666 r. Uniwersytet w Lund (Lunds Universitet) jest dzisiaj jednym z największych, najstarszych i najbardziej wielodyscyplinarnych uniwersytetów Characters remaining:477
 Legal status in English: Founded in 1666, Lund University (Lunds Universitet) is today one of the largest, oldest and broadest universities in Scandinavia. This public University consistently ranked among the Characters remaining:524
 Grading scale: Liczba punktów Ocena krajowa ECTS grade
 75-100 very good A
 75-100 very good B
 75-100 very good C Bytes remaining:1827
 Grading scale in English: 75-100 very good C
 50-74 Pass D
 50-74 Pass E
 < 50 Fail F Bytes remaining:1831

Save Cancel

Logged in user: JMD (Role: PELNA)

→ Dictionaries → Nationwide dictionaries → Institutions

Add

Institutions

-- External units -- -- Factsheets --

No	Name in national language	Name in English	PIC	ERASMU	POL-on c	SCHAC c	Institutio	
1	Hogeschool Gent	University College Ghent	998961291	B GENT25				UZ
2	Universiteit Gent	Ghent University	999986096	B GENT01		ugent.be		UZ

First << < > >> Last 10

Details Address Telephones External units External persons Logo Factsheet Mobility Tool

Name in national language: Universiteit Gent
 Name in English: Ghent University
 Type of institution: Foreign university
 Parent unit: Click to choose Choose
 Participant Identity Code: 999986096
 ERASMUS code: B GENT01
 POL-on code:
 SCHAC code: ugent.be
 Institution code:
 Institution code in HR system:
 NUTS region: Click to choose Choose
 WWW: http://www.ugent.be
 E-mail: guide@UGent.be
 E-mail addresses for nominations: Characters remaining:1000
 Display: Yes
 Is public entity: -
 Is non-profit: -

Legal status: Characters remaining:1000
 Legal status in English: Characters remaining:1000
 Grading scale: Bytes remaining:2000
 Grading scale in English: Bytes remaining:2000

Save Cancel

When the SCHAC code is given, the buttons **Get data from EWP** are active.

Logged in user: JMD (Role: PELN)

Institutions

No	Name in English	PIC	ERASMUS	POL-on coc	SCHAC coc	Institution	Typ
1	Lund Institute of Technology						UZ
2	Lunds Universitet	Lund University	999901318	SLUND01	ikea.university.se		UZ

Details

Name in national language: Lunds Universitet
 Name in English: Lund University
 Type of institution: Foreign university
 Parent unit:
 Participant Identity Code: 999901318
 ERASMUS code: SLUND01
 POL-on code:
 SCHAC code: ikea.university.se
 Institution code:
 Institution code in HR system:
 NUTS region:
 WWW: http://www.lu.se
 E-mail: lu@lu.se

E-mail addresses for nominations:

Display: Yes
 Is public entity:
 Is non-profit:

Legal status: Utworzony w 1666 r. Uniwersytet w Lund (Lunds Universitet) jest dzisiaj jednym z największych, najstarszych i najbardziej wielodyscyplinarnych uniwersytetów

Legal status in English: Founded in 1666, Lund University (Lunds Universitet) is today one of the largest, oldest and broadest universities in Scandinavia. This public University consistently ranked among the

Grading scale:

Liczba punktów	Ocena krajowa	ECTS grade
75-100	very good A	
75-100	very good B	
75-100	very good C	

Grading scale in English:

75-100	very good	C
50-74	Pass	D
50-74	Pass	E
< 50	Fail	F

Edit Get data from EWP

Logged in user: JMD (Role: PELN)

Institutions

No	Name in national language	Ghent	PIC	ERASML	POL-on c	SCHAC c	Institutio	Typ
1	Hogeschool Gent	University College Ghent	998961291	B GENT25				UZ
2	Universiteit Gent	Ghent University	999986096	B GENT01		ugent.be		UZ

Details

Name in national language: Universiteit Gent
 Name in English: Ghent University
 Type of institution: Foreign university
 Parent unit:
 Participant Identity Code: 999986096
 ERASMUS code: B GENT01
 POL-on code:
 SCHAC code: ugent.be
 Institution code:
 Institution code in HR system:
 NUTS region:
 WWW: http://www.ugent.be
 E-mail: guide@UGent.be

E-mail addresses for nominations:

Display: Yes
 Is public entity:
 Is non-profit:

Legal status:

Legal status in English:

Grading scale:

Grading scale in English:

Edit Get data from EWP

The operator can invoke **EWP Institutions API**. The API gets some structured data and URLs of factsheets (possibly many). On the left hand side of the screen there is data from the API, on the right hand side – data from the system. If the newer data comes from the EWP it can be copied to the system.

? Help




<p style="text-align: center;"><u>Data from EWP</u></p> <p>SCHAC code: ikea.university.se</p> <p>Name in national language: IKEA universitet (sv)</p> <p>Name in English: IKEA university</p> <p>Participant Identity Code:</p> <p>ERASMUS code: S Ikea01</p> <p>Factsheet: http://mobility-factsheet.ikea.se/ikea (en)</p> <p>WWW: http://http://www.ikeauniversitet.se (sv)</p> <p style="padding-left: 20px;">http://http://www.ikeauniversity.se (en)</p> <p>Logo:</p> <p>local: IK1234</p> <p><u>Correspondence address</u></p> <p>Country:</p> <p>Foreign code:</p> <p>City/village:</p> <p>Street:</p> <p>House number:</p> <p>Address type:*</p> <p><u>Building address</u> Furniture street 1 1st floor</p> <p>Country: se</p> <p>Foreign code: 80845</p> <p>City/village: Assemble city</p> <p>Street:</p> <p>House number:</p>	<p style="text-align: center;"><u>Data in USOS</u></p> <p>ikea.university.se</p> <p>↻ ↺ <input type="text" value="Lunds Universitet"/></p> <p>↻ ↺ <input type="text" value="Lund University"/></p> <p>↻ ↺ <input type="text" value="999901318"/></p> <p>↻ ↺ <input type="text" value="S LUND01"/></p> <p>↻ ↺ <input type="text"/></p> <p style="text-align: right; font-size: small;">Remaining bytes:2000</p> <p>↻ ↺ <input type="text" value="http://www.lu.se"/></p> <p>↻ ↺ <input type="text"/></p> <p style="text-align: right; font-size: small;">Remaining characters:84</p> <p style="border: 1px dashed gray; padding: 2px; text-align: center;">Not stored in USOS</p> <p>Szwecja <input checked="" type="checkbox"/> <input type="button" value="Choose"/></p> <p>↻ ↺ <input type="text" value="22100"/></p> <p>↻ ↺ <input type="text" value="Lund"/></p> <p>↻ ↺ <input type="text"/></p> <p>↻ ↺ <input type="text"/></p> <p>Adres stały ▾</p> <p style="border: 1px dashed gray; padding: 2px; text-align: center;">Not stored in USOS</p>
--	--

* - required fields

The small icons in the middle are **Copy** and **Restore**.

<p>Factsheet: http://mobility-factsheet.ikea.se/ikea (en)</p> <p>WWW: http://http://www.ikeauniversitet.se (sv)</p> <p style="padding-left: 20px;">http://http://www.ikeauniversity.se (en)</p>	<p>↻ ↺ <input type="text"/></p> <p style="text-align: right; font-size: small;">Remaining bytes:2000</p> <p>↻ ↺ <input type="text" value="http://www.lu.se"/></p> <p>↻ ↺ <input type="text"/></p> <p style="text-align: right; font-size: small;">Remaining characters:84</p> <p style="border: 1px solid gray; padding: 2px; text-align: center; font-size: small;">Copy the value downloaded from EWP</p>
--	---

In the system we keep only one language version of the factsheet or WWW address (English) so only one can be copied. The user decides which one.


Factsheet: http://mobility-factsheet.ikea.se/ikea (en)		<input type="text" value="http://mobility-factsheet.ikea.se/ikea"/>
		Remaining bytes:2000
WWW: http://http://www.ikeauniversitet.se (sv)		<input type="text" value="http://http://www.ikeauniversitet.se"/>
http://http://www.ikeauniversity.se (en)		<input type="text" value="http://http://www.ikeauniversity.se"/>
		Remaining characters:84

Changes have been saved. The URL of the fact sheet is already in the system.

Details Address Telephones External units External persons Logo Factsheet Mobility Tool		
? Help		
File To display the factsheet press the "Show" button. Download Show Upload file Delete	URL address http://mobility-factsheet.ikea.se/ikea Edit	Notes This factsheet has been obtained by the EWP Institutions API. Edit notes

The user can click onto the URL and see the factsheet (if URL is correct). A file can still be uploaded manually, as in case with Geneva. Both versions will be shown in USOSweb (see chapter 6).

Details Address Telephones External units External persons Logo International mobility Mobility Tool		
Get data from EWP		
? Help		
Factsheet		
File To display the factsheet press the "Show" button. Download Show Upload file Delete	URL address http://mobility-factsheet.ikea.se/ikea Edit	Notes This factsheet has been obtained by the EWP Institutions API. Edit notes



Contact Information	
Official website	www.lunduniversity.lu.se
Website for exchange students	http://www.lunduniversity.lu.se/exchange-studies

3. Different HEIs may send different data by **EWP Institutions API**. Let us see what we can get from the Ghent University.

? Help

<p style="text-align: center; margin: 0;"><u>Data from EWP</u></p> <p>SCHAC code: ugent.be</p> <p>Name in national language: * Universiteit Gent (nl)</p> <p>Name in English: Ghent University</p> <p>Participant Identity Code: 999986096</p> <p>ERASMUS code: B GENT01</p> <p>Factsheet:</p> <p>WWW: http://www.ugent.be</p> <p>Logo:</p> <p>UGentcode: UGENT</p> <p style="margin-top: 10px;"><u>Correspondence address</u></p> <p>Country: be</p> <p>Foreign code: 9000</p> <p>City/Village: Ghent</p> <p>Street: Sint-Pietersnieuwstraat</p> <p>House number: 25</p> <p>Address type: *</p> <p><u>Building address</u></p> <p>Country:</p> <p>Foreign code:</p> <p>City/Village:</p> <p>Street:</p> <p>House number:</p>	<p style="text-align: center; margin: 0;"><u>Data in USOS</u></p> <p>ugent.be</p> <p>↻ ↻ Universiteit Gent</p> <p>↻ ↻ Ghent University</p> <p>↻ ↻</p> <p>↻ ↻</p> <p>Remaining bytes:2000</p> <p>↻ ↻</p> <p>Remaining characters:100</p> <p style="text-align: center; border: 1px dashed gray; padding: 2px;">Not stored in USOS</p> <p>Belgia Choose</p> <p>↻ ↻ 9000</p> <p>↻ ↻ Ghent</p> <p>↻ ↻</p> <p>↻ ↻</p> <p>Adres stały</p> <p style="text-align: center; border: 1px dashed gray; padding: 2px;">Not stored in USOS</p>
--	---

* - required fields

Save
Cancel

The set of data delivered by EWP is different. A factsheet is missing but there is some other data missing in the local system, like PIC, Erasmus code, WWW URL, which can be copied on demand. The factsheet can be uploaded manually.

<p style="text-align: center; margin: 0;"><u>Data from EWP</u></p> <p>SCHAC code: ugent.be</p> <p>Name in national language: * Universiteit Gent (nl)</p> <p>Name in English: Ghent University</p> <p>Participant Identity Code: 999986096</p> <p>ERASMUS code: B GENT01</p> <p>Factsheet:</p> <p>WWW: http://www.ugent.be</p>	<p style="text-align: center; margin: 0;"><u>Data in USOS</u></p> <p>ugent.be</p> <p>↻ ↻ Universiteit Gent</p> <p>↻ ↻ Ghent University</p> <p>↻ ↻ 999986096</p> <p>↻ ↻ B GENT01</p> <p>Remaining bytes:2000</p> <p>↻ ↻</p> <p>Remaining characters:100</p>
---	--

4. Go to USOSadm page: **International cooperation** → **Dictionaries** → **Institutions**

On the tab **External units** there is a list of organizational units of the HEI.

Logged in user: EWP

+ Add

Institutions

-- External units -- -- Factsheets --

No	Name in national language	Ghent	PIC	ERASMUS	POL-on cod	ugent.be	Institution	
1	Universiteit Gent	Ghent University				ugent.be		UZ

First << >> Last 10

Details Address Telephones External units External persons Logo International mobility Mobility Tool

+ Add Get data from EWP ? Help

No	Name in national language	Name in English	WWW	Notes	File	URL address	Notes	
1	Department of Communication Science				No			Actions
2	Department of History				No			Actions
3	Faculteit Economie en Bedrijfskunde	Faculty of Economics and Business Administration	http://www.ugent.be/eb	[EWP 14.04.2017] ADRES KORE...	No			Actions
4	Faculteit Geneeskunde en Gezondheidswetenschappen	Faculty of Medicine and Health Sciences	http://www.ugent.be/ge	[EWP 10.03.2017] ADRES KORE...	No			Actions
5	Faculteit Letteren en Wijsbegeerte				No			Actions

First << 1 2 >> Last 5

EWP Organizational Units API can be used to get data about the units.

External units

? Help

Data from EWP

- en Faculty of Arts and Philosophy
nl Faculteit Letteren en Wijsbegeerte
code LW Add
- en Faculty of Law
nl Faculteit Rechtsgeleerdheid
code RE Add
- en Faculty of Sciences
nl Faculteit Wetenschappen
code WE Add
- en Faculty of Medicine and Health Sciences
nl Faculteit Geneeskunde en Gezondheidswetenschappen
code GE Add
- en Faculty of Engineering and Architecture
nl Faculteit Ingenieurswetenschappen en Architectuur
code TW Add
- en Faculty of Economics and Business Administration
nl Faculteit Economie en Bedrijfskunde
code EB Add
- en Faculty of Veterinary Medicine
nl Faculteit Diergeneeskunde
code DI Add
- en Faculty of Psychology and Educational Sciences
nl Faculteit Psychologie en Pedagogische Wetenschappen
code PP Add
- en Faculty of Bioscience Engineering
nl Faculteit Bio-ingenieurswetenschappen
code LA Add
- en Faculty of Pharmaceutical Sciences
nl Faculteit Farmaceutische Wetenschappen
code FW Add
- en Faculty of Political and Social Sciences
nl Faculteit Politieke en Sociale Wetenschappen
code PW Add

Data in USOS

- en International Relations Office
code Update
- en Faculty of Law
nl Faculteit Rechtsgeleerdheid
code Update
- en Faculteit Letteren en Wijsbegeerte
code Update
- en Department of Communication Science
code Update
- en Faculty of Arts and Philosophy
code Update
- en Department of History
code Update
- en Faculty of Medicine and Health Sciences
nl Faculteit Geneeskunde en Gezondheidswetenschappen
code Update
- en Faculty of Psychology and Educational Sciences
nl Faculteit Psychologie en Pedagogische Wetenschappen
code Update

* - required fields

Close

This is an interesting use case. There is a list of the units in the local system but it does not match the list of units delivered by the EWP API. In particular in the local systems there are two units which correspond to the one unit from the partner institution: *Faculty of Arts and Philosophy* and *Faculteit Letteren en Wijsbegeerte*. It seems that somebody, by mistake, entered the same unit twice, once

with the English name and once with the original name. **EWP helps to avoid such situations.** The units of the new partners can be obtained straight from the partner's SIS. To correct the data, one of the units should be deleted from the local system and the remaining one can be updated with the correct data delivered by EWP.

EWP code is the unique identifier of the unit. It can be used to match a unit in the local system with the unit in the partner database.

If there is no unit with that EWP code in the local system the code can be added to the existing unit (the unit could have been entered to the system earlier by the user).

Data from EWP		Data in USOS	
en	Faculty of Arts and Philosophy	en	International Relations Office
nl	Faculteit Letteren en Wijsbegeerte	code	
code	LW		
en	Faculty of Law	en	Faculty of Law
nl	Faculteit Rechtsgeleerdheid		Faculteit Rechtsgeleerdheid
code	RE	code	RE

Now the data can be synchronized using **Update** button.

Data from EWP		Data in USOS	
en	Faculty of Arts and Philosophy	en	International Relations Office
nl	Faculteit Letteren en Wijsbegeerte	code	
code	LW		
en	Faculty of Law	en	Faculty of Law
nl	Faculteit Rechtsgeleerdheid		Faculteit Rechtsgeleerdheid
code	RE	code	RE

The other possibility is that the new unit is added to the system (it becomes a new unit). Use the **Add** button to add the unit.

? Help

Data from EWP	Data in USOS
Name in national language:* Faculteit Politieke en Sociale Wetenschappen (nl)	Faculteit Politieke en Sociale Wetenschappen
Name in English: Faculty of Political and Social Sciences	Faculty of Political and Social Sciences
Factsheet:	
WWW: http://www.ugent.be/ps	http://www.ugent.be/ps
Notes:	[EWP 20.04.2017] ADRES KORESPONDENCYJNY: Universiteitstraat 8, 9000, Ghent, be[/EWP]

Remaining bytes:2000
Remaining characters:178
Remaining bytes:1916

* - required fields

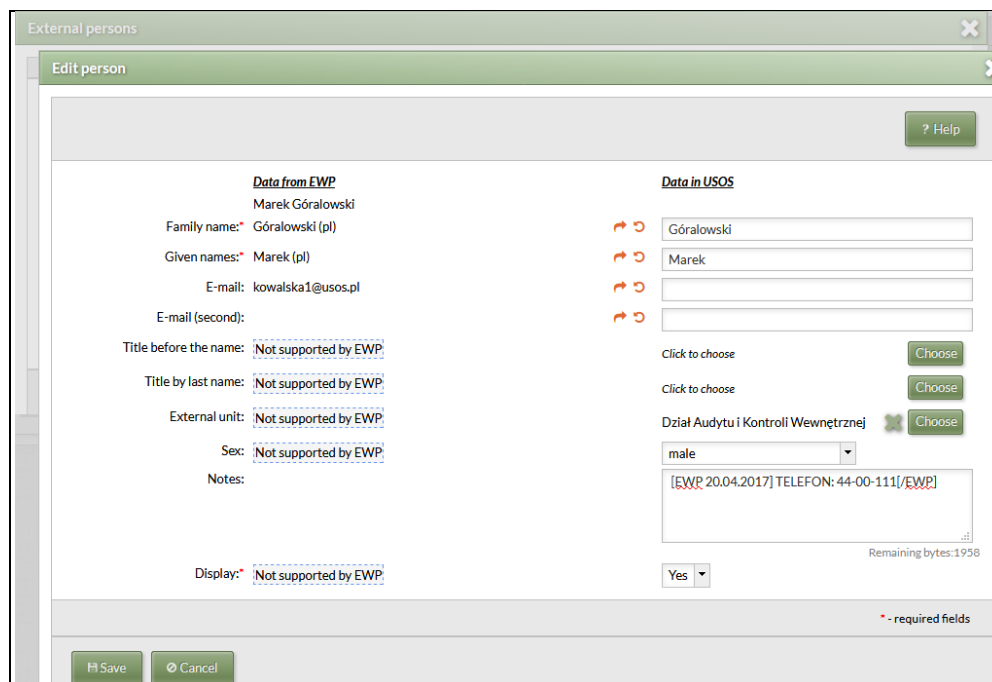
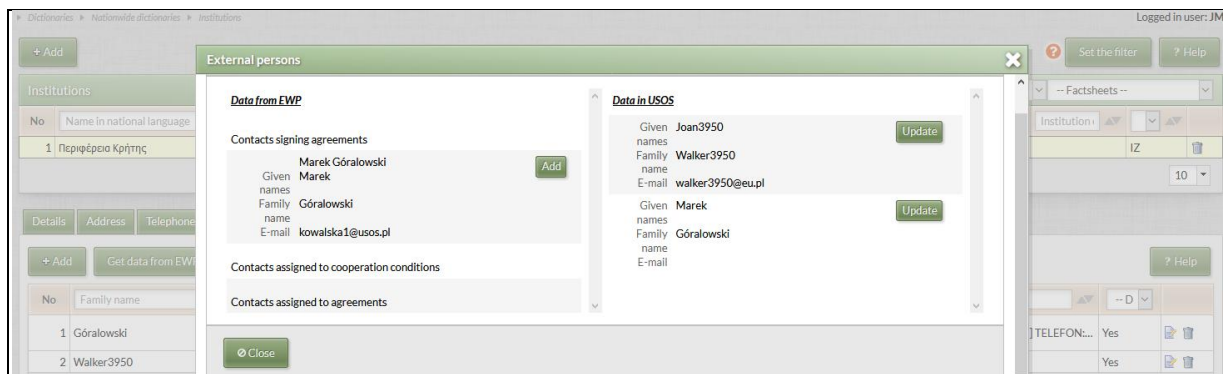
Save Cancel

Data which does not fit to any of the fields in USOS is automatically copied to the text field for **Notes** (like the address in the screen above). It will be decided later what will happen to this data.

The user will decide which units of the partner institutions will be copied to the local system and how they will be matched with the existing units.

5. Go to USOSadm page: **International cooperation** → **Dictionaries** → **Institutions**

On the tab **External persons** there is a list of employees from the HEI involved in the interinstitutional cooperation. You can get the list of employees from the partner and add them selectively to the local database. Not all fields are supported.



6. Go to USOSadm page: **Dictionaries** → **Organizational units** → **Organizational units**

The local factsheet can be uploaded on this page for the institution and each of its organizational units. The structure of units is hierarchical, the institution is the top level organizational unit (the root of the tree). The factsheet can be viewed on the screen. The factsheets and other data about the institution and its organizational units will be delivered to the partner via **EWP Institutions API** and **EWP Organizational Unit API** (server side).

Organizational units

No	Code	Description	Unit type	Didac	Empl	Activ	Prim	Bene	Parent ur	POL	Actions
1	00000000	Uniwersytet Warszawski	Uniwersytet	Yes	No	Yes	No	Yes			

Details Subunits Buildings Address Telephones Accreditations Supplement Languages Logo and photo in the background **Factsheet** History of changes

File: To display the factsheet press the "Show" button. [Download] [Show] [Upload file] [Delete]

Notes: [Edit notes]

Mobility Information Sheet 2016/2017

Name of the institution	Uniwersytet Warszawski
Name of the institution in English	University of Warsaw
Website	www.uw.edu.pl
Erasmus Code	PL WARSZAW01
Erasmus University Charter	45834-IC-1-2007-1-PL-ERASMUS-EUCX-1
PIC number	999572294

7. Installation USOS DEMO is both the EWP client and the EWP server. We can invoke **EWP Institutions API** of USOS DEMO from USOS DEMO. The obtained data is displayed and can be stored in the local database on demand – in the different tables than the ones the data comes from.

Edit institution

Data from EWP

SCHAC code: demo.usos.edu.pl

Name in national language: Uniwersytet Warszawski (pl)

Name in English: University of Warsaw

Participant Identity Code: 999572294

ERASMUS code: PL WARSZAW01

Factsheet: [https://usosapps.demo.usos.edu.pl/services/fac/factsheet_get?fac_id=00000000\(en\)](https://usosapps.demo.usos.edu.pl/services/fac/factsheet_get?fac_id=00000000(en))

WWW: <http://www.uw.edu.pl>

Logo: <https://usosapps.demo.usos.edu.pl/res/!1/200x200/d44b21e9ef71e1291183a46b913ae6f2-5f9d10684b1168a7e00769208b005e9caec2b86e.jpg>

Data in USOS

demo.usos.edu.pl

Uniwersytet Warszawski

University of Warsaw

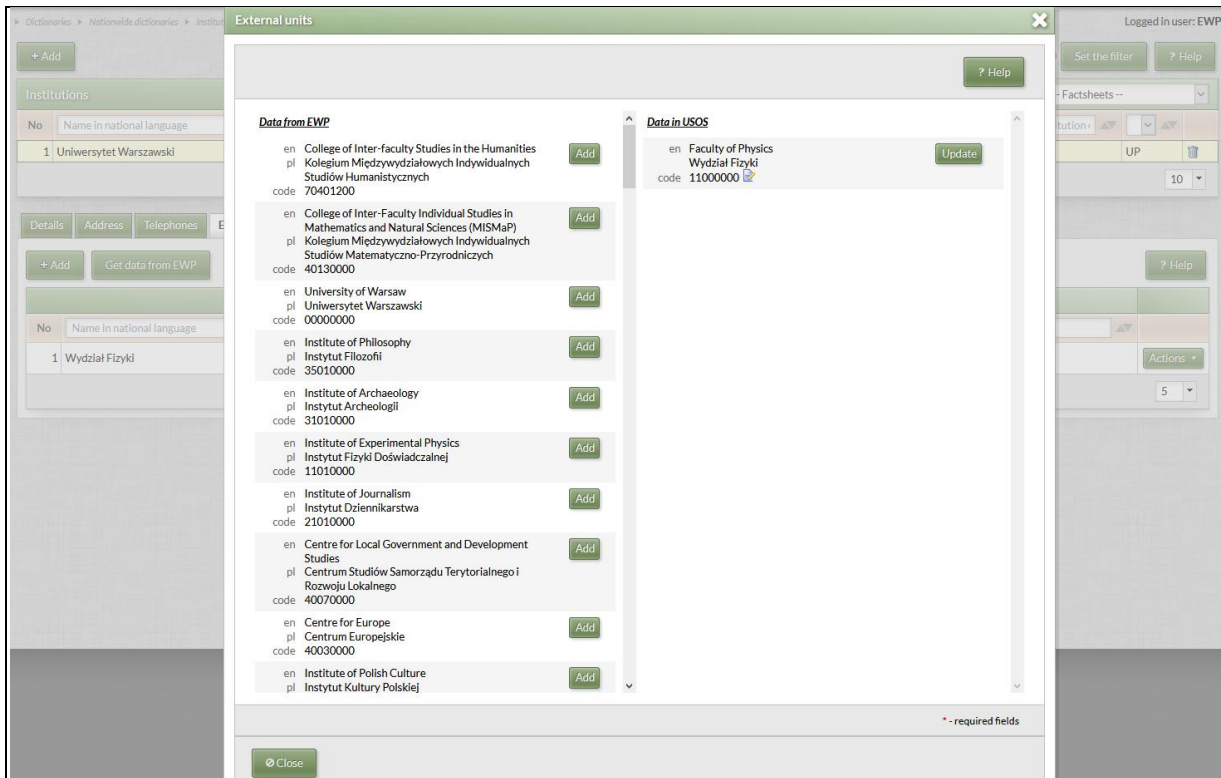
999572294

PL WARSZAW01

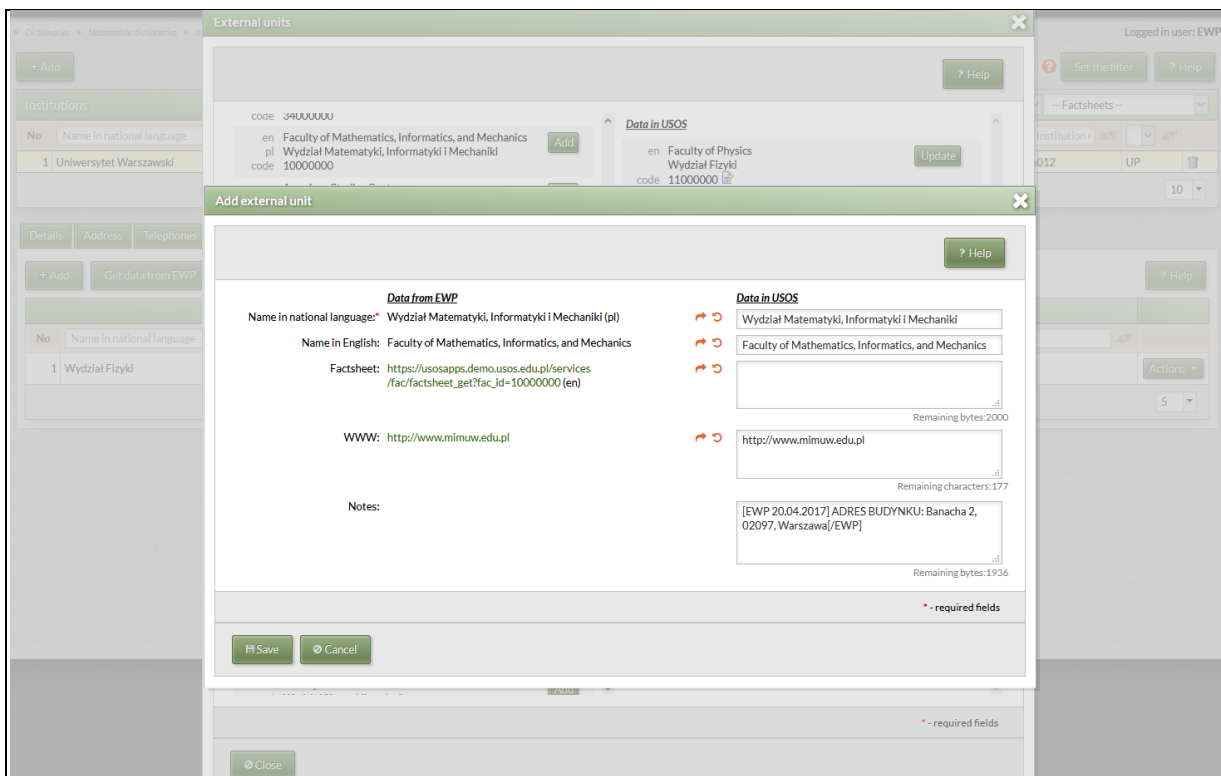
<http://www.uw.edu.pl>

Correspondence address

These are the organizational units downloaded via EWP from the University of Warsaw.



These are details of the Faculty of Mathematics, Informatics, and Mechanics.



8. Here is another example – data delivered by EWP from the University of Porto.

Logged in user: EWP

Set the filter ? Help

factsheets --

Institution code UZ

10

? Help

Edit institution

Help

Data from EWP

SCHAC code: up.pt

Name in national language: Universidade do Porto (pt)

Name in English: University of Porto

Participant Identity Code: 999894916

ERASMUS code: P PORT002

Factsheet: https://sigarra.up.pt/up/pt /WEB_BASE_GERA_PAGINA?p_pagina=internacional-candidatura (PT)
https://sigarra.up.pt/up/en /web_base_gera_pagina?p_pagina=internacional-candidatura (EN)

WWW: https://sigarra.up.pt/up/pt /web_base_gera_pagina?p_pagina=home (pt)
https://sigarra.up.pt/up/en /web_base_gera_pagina?p_pagina=home (en)

Logo: https://sigarra.up.pt/favicon-160x160.png

Correspondence address: Reitoria da Universidade do Porto
Praça Gomes Teixeira

Country: PT

Foreign code: 4099-002

City/Village: Porto

Street:

House number:

Address type: Adres staly

Building address: Reitoria da Universidade do Porto
Praça Gomes Teixeira

Country: PT

Foreign code: 4099-002

City/Village: Porto

Street:

House number:

* - required fields

Save Cancel

Data in USOS

up.pt

Universidade do Porto

University of Porto

999894916

P PORT002

Remaining bytes:2000

http://www.up.pt

Remaining characters:84

Portugalia Choose

4099-002

Porto

Not stored in USOS

Logged in user: EWP

Set the filter ? Help

factsheets --

Institution code UZ

10

? Help

External units

Help

Data from EWP

en Faculty of Architecture
pt Faculdade de Arquitectura
code fa.up.pt Add

en Faculty of Fine Arts
pt Faculdade de Belas Artes
code fba.up.pt Add

en Faculty of Sciences
pt Faculdade de Ciências
code fc.up.pt Add

en Faculty of Nutrition and Alimentation Sciences
pt Faculdade de Ciências da Nutrição e Alimentação
code fcn.up.pt Add

en Faculty of Sports
pt Faculdade de Desporto
code fde.up.pt Add

en Faculty of Law
pt Faculdade de Direito
code fd.up.pt Add

en Faculty of Economics
pt Faculdade de Economia
code fep.up.pt Add

en Faculty of Engineering
pt Faculdade de Engenharia
code fe.up.pt Add

en Faculty of Pharmacy
pt Faculdade de Farmácia
code ffp.up.pt Add

en Faculty of Arts
pt Faculdade de Letras
code letras.up.pt Add

en Faculty of Medicine
pt Faculdade de Medicina
code med.up.pt Add

Data in USOS

en International Relations Office Update

en Faculty of Psychology and Educational Sciences Update

en Digital University Rectorate Update

en Faculty of Pharmacy
pt Faculdade de Farmácia
code ffp.up.pt Update

en Faculdade de Letras Update

en Dept. of Portuguese and Romance Studies Update

en Faculty of Law
pt Faculdade de Direito
code fd.up.pt Update

* - required fields

Close

1 Universidade do Porto

Details Address Telephones External un

+ Add Get data from EWP

No Name in national language

1 Dept. of Portuguese and Romance Studies

2 Digital University Rectorate

3 Faculdade de Direito

4 Faculdade de Farmácia

5 Faculdade de Letras

Notes Actions

5

? Help

Data from EWP

Name in national language: * Faculdade de Farmácia (pt)

Name in English: Faculty of Pharmacy

Factsheet: https://sigarra.up.pt/up/pt/WEB_BASE.GERA_PAGINA?p_pagina=internacional-candidatura (PT)
https://sigarra.up.pt/up/en/web_base.gera_pagina?p_pagina=internacional-candidatura (EN)

WWW: https://sigarra.up.pt/ffup/pt/web_base.gera_pagina?p_pagina=coopera%C3%A7%C3%A3o (pt)
https://sigarra.up.pt/ffup/en/web_base.gera_pagina?p_pagina=coopera%C3%A7%C3%A3o (en)

Notes:

Data in USQS

Faculdade de Farmácia

Faculty of Pharmacy

https://sigarra.up.pt/up/en/web_base.gera_pagina?p_pagina=internacional-candidatura
Remaining bytes: 1917

https://sigarra.up.pt/ffup/en/web_base.gera_pagina?p_pagina=coopera%C3%A7%C3%A3o
Remaining characters: 120

Remaining bytes: 2000

* - required fields

Save
Cancel

5.3. Interinstitutional Agreements API

5.3.1. Getting data from the partners

Interinstitutional agreements are displayed on the page **International cooperation** → **Agreements** → **Agreements**. Choose button **Get data from EWP**, on the new canvas choose your partner institution, then click **Get data from EWP** to invoke **EWP Interinstitutional Agreements API**.

Imported agreements may be filtered by the range of didactic cycles **From**, **Until when** and/or the date **Modified since**. In the first case what is sent in the request to the server is the list of didactic cycles from the given range – Polish server will answer with all agreements for which at least one cooperating condition will at least partly cover one of those cycles. In the second case Polish server will answer with all the agreements which have been modified since the given date. The host institution is recognized on the basis of the system parameter **P_SCHAC**.

Agreements
Logged in user: UGDANSK (Role: PELNA)

+ Add
Get data from EWP

Agreements filter:

No	Bilateral	Number
1	Bilateral	1028/E/VI08
2	Bilateral	1077/E+/VIII14
3	Bilateral	1284/E/XII08

Get data from EWP

Higher Education Institution: * Click to choose Choose

From: Click to choose Choose

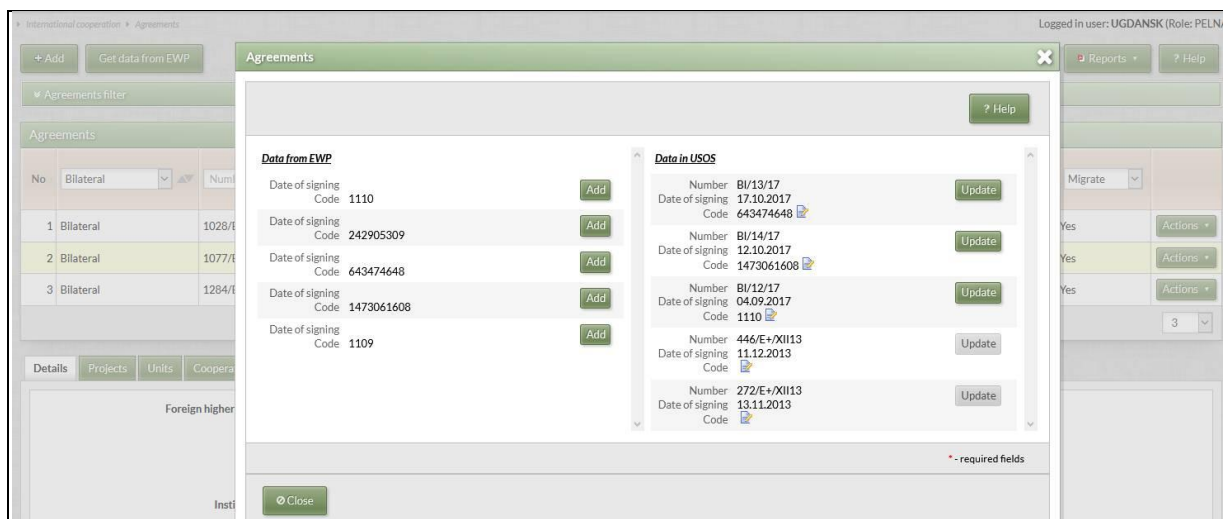
Until when: Click to choose Choose

Modified since:

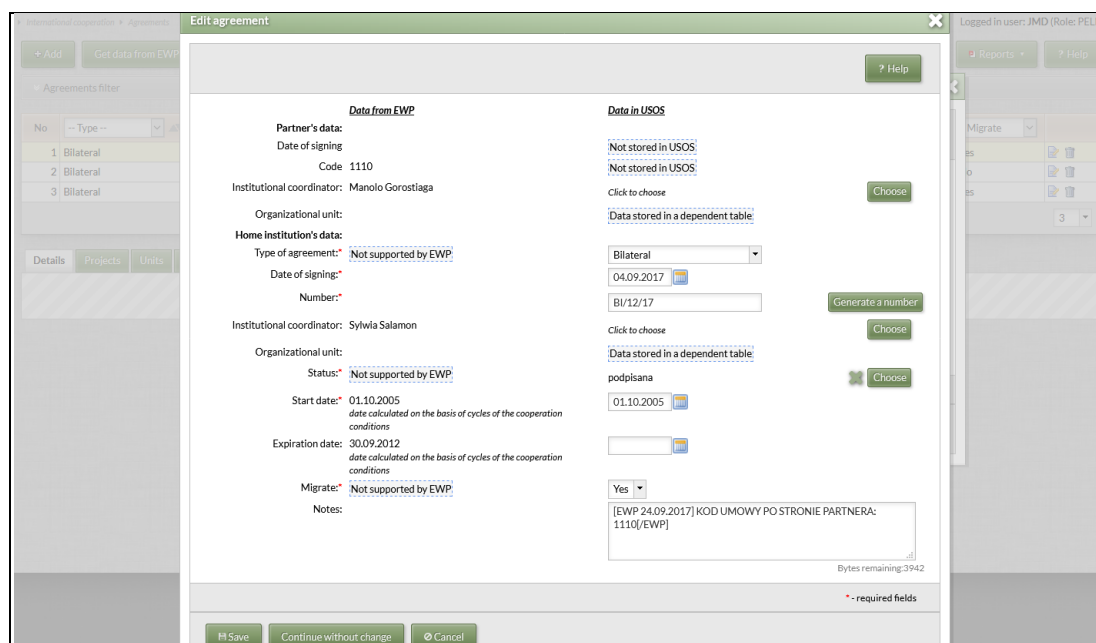
* - required fields

Get data from EWP
Cancel

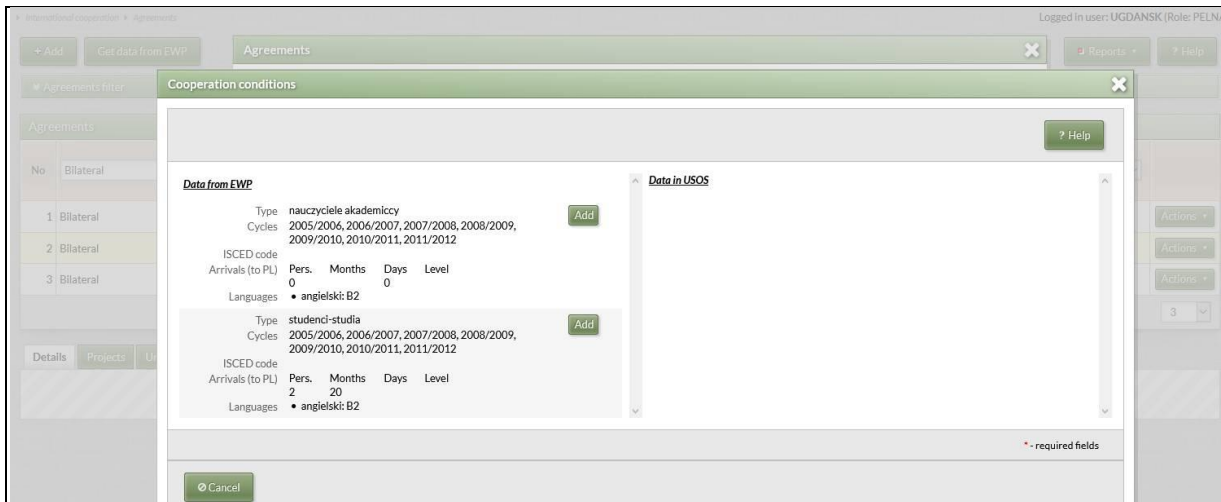
The list of the agreements obtained from *Universitat Pompeu Fabra* is shown on the next screen.



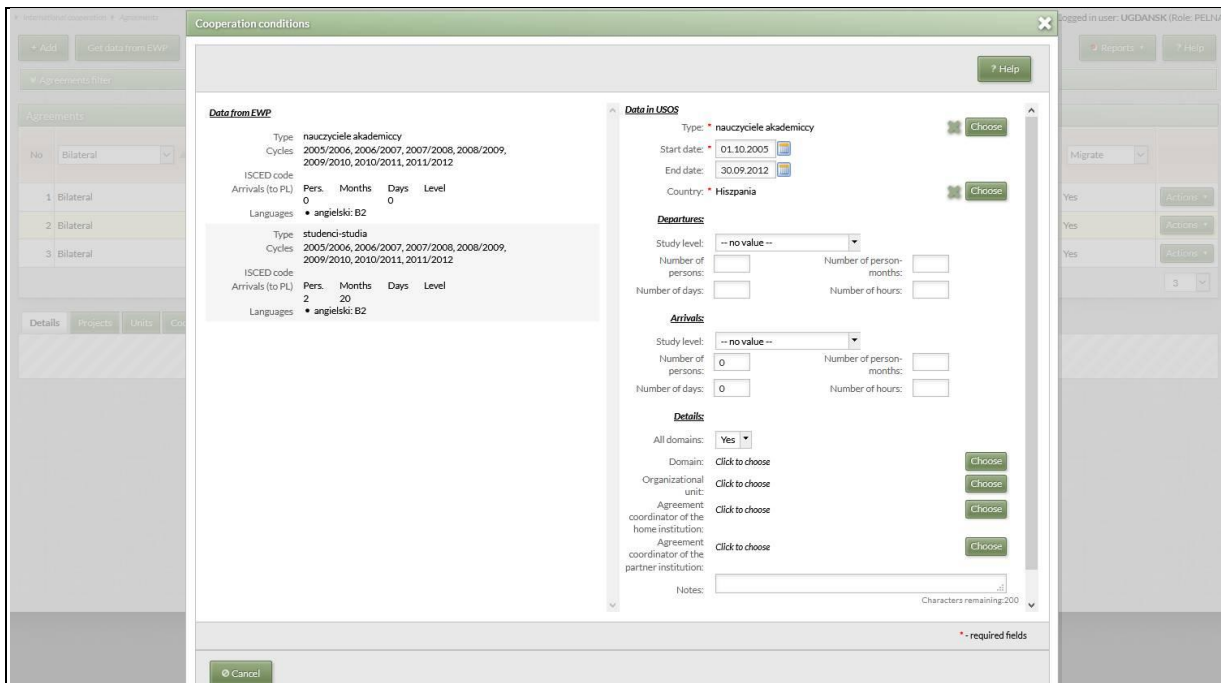
If the agreements are matched (by the code), the agreement in USOS may be updated with the more recent information coming from the partner. This is the case for the agreement with the code 1110.



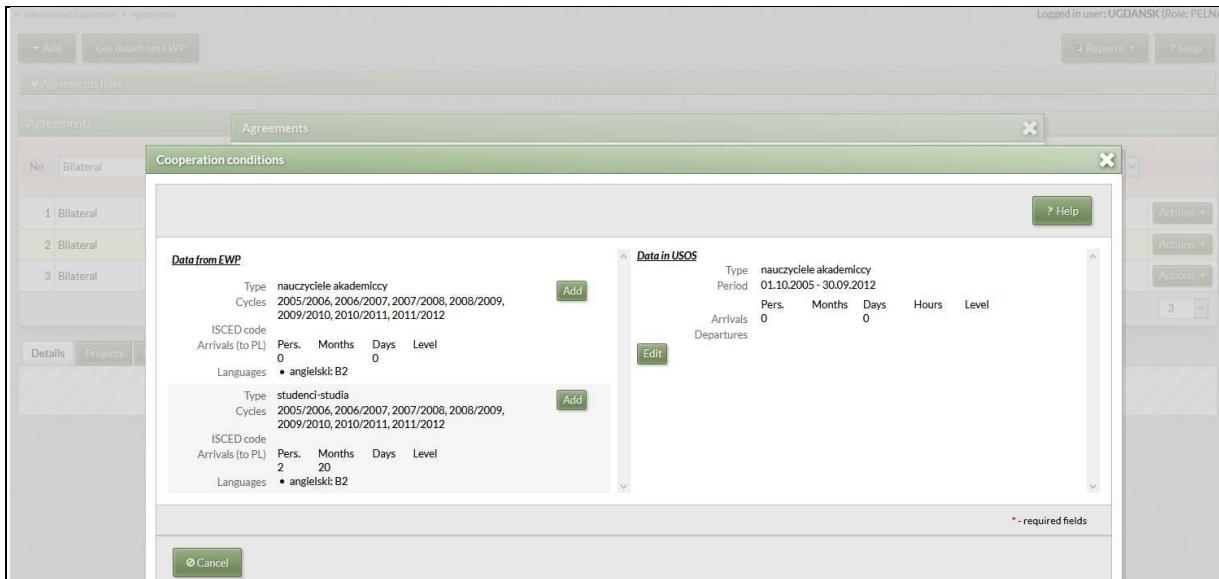
After **Continue without change** or **Save** cooperation conditions are displayed. New cooperation conditions may be added or the existing ones updates.



After clicking **Add** the new window is displayed, with the details of the added cooperation condition.



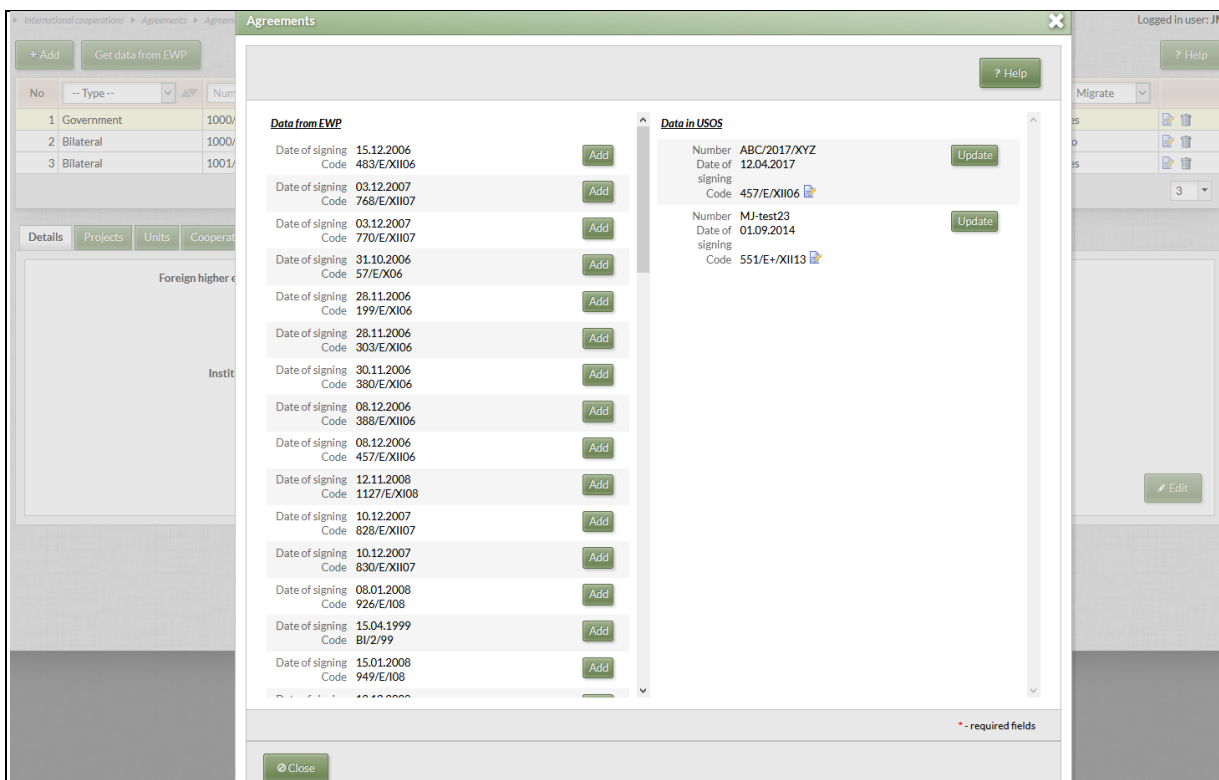
After we approve changes the system returns to the list of cooperation conditions, where we can either add new ones or edit the existing ones.



5.3.2. Getting data from demo.usos.edu.pl

To get agreements with more data, e.g. from the University of Warsaw, we have to use another client. There is an installation in the local network. It uses the local registry with entries added manually:

- Prefectura of Heraklion — getting “real” agreements between UW=demo.usos.edu.pl (receiving institution) and Charles University (Univerzita Karlova)=cuni.cz (sending institution);



Click the **Update** button on the right hand side to open the window with the attributes of the agreement.

Edit agreement [X] [? Help]

Data from EWP

Partner data:
Code: 551/E+/XII13
Date of signing: 18.12.2013
Institutional coordinator: Marek Góralowski

Organizational unit:

Data of the home institution:
Number: 551/E+/XII13
Date of signing: 18.12.2013
Institutional coordinator: Marek Góralowski

Organizational unit:
Status: Not supported by EWP
Type of agreement: Not supported by EWP
Start date:
Expiration date:
Migrate: Not supported by EWP
Notes:

Data in USOS

Not stored in USOS
Not stored in USOS
Click to choose [Choose]

Data stored in a dependent table:
MJ-test23
01.09.2014 [calendar icon]
Click to choose [Choose]

Data stored in a dependent table:
podpisana [checkbox checked] [Choose]

Bilateral [dropdown]
01.10.2014 [calendar icon]
30.09.2021 [calendar icon]
Yes [dropdown]

[EWP 13.04.2017] KOD UMOWY PO STRONIE PARTNERA: 551/E+/XII13 DATA PODPISANIA PRZEZ PARTNERA: 18.12.2013/[EWP]

Remaining characters: 91

* - required fields

[Save] [Continue without change] [Cancel]

Not all fields in the local tables match fields obtained from EWP. This may change in the future, if end users decide to store more information obtained from the partner by EWP. The operator can compare the data and modify it on the right hand side of the window.

Click the **Save** or **Continue without change** button to proceed to the next window, with cooperation conditions of the agreement.

Warunki współpracy [X] [? Help]

Data from EWP

Type: nauczyciele akademickcy
Cycles: 2014/2015, 2015/2016, 2016/2017, 2017/2018, 2018/2019, 2019/2020, 2020/2021 [Add]

ISCED code: 0321
Arrivals (to PL):
Pers. Months Days Level
1 7

Languages:
• angielski: B2
• czeski: B2

Type: nauczyciele akademickcy
Cycles: 2014/2015, 2015/2016, 2016/2017, 2017/2018, 2018/2019, 2019/2020, 2020/2021 [Add]

ISCED code: 0321
Departures (from PL):
Pers. Months Days Level
1 7

Languages:
• angielski: B2
• czeski: B2

Type: studenci-studia
Cycles: 2014/2015, 2015/2016, 2016/2017, 2017/2018, 2018/2019, 2019/2020, 2020/2021 [Add]

ISCED code: 0321
Arrivals (to PL):
Pers. Months Days Level
2 20 wszyscy

Languages:
• angielski: B2
• czeski: B2

Type: studenci-studia
Cycles: 2014/2015, 2015/2016, 2016/2017, 2017/2018, 2018/2019, 2019/2020, 2020/2021 [Add]

ISCED code: 0321
Departures (from PL):
Pers. Months Days Level
2 20 wszyscy

Languages:

Data in USOS

Type: nauczyciele akademickcy
Period: 01.10.2014 - 30.09.2021 [Edit]

Przyjazdy	Months	Weeks	Hours	Level
1				

Wyjazdy

Type: studenci-studia
Period: 01.10.2014 - 30.09.2021 [Edit]

Przyjazdy	Months	Weeks	Hours	Level
2	20			wszyscy

Wyjazdy

* - required fields

[Cancel]

The operator can choose between the **Add** button (on the left) to add the new cooperation condition and the **Edit** button (on the right) to edit the existing cooperation condition. Cooperation conditions do not have identifiers which would allow to match them uniquely, so matching has to be done by hand. Add/Edit buttons open the window with details of a single cooperation condition.

Warunki współpracy

? Help

Data from EWP

Type: nauczyciele akademicy
 Cycles: 2014/2015, 2015/2016, 2016/2017, 2017/2018, 2018/2019, 2019/2020, 2020/2021
 ISCED code: 0321
 Arrivals (to PL):

Pers.	Months	Days	Level
1		7	

Languages: • angielski: B2
• czeski: B2

Type: nauczyciele akademicy
 Cycles: 2014/2015, 2015/2016, 2016/2017, 2017/2018, 2018/2019, 2019/2020, 2020/2021
 ISCED code: 0321
 Departures (from PL):

Pers.	Months	Days	Level
1		7	

Languages:

Type: studenci-studia
 Cycles: 2014/2015, 2015/2016, 2016/2017, 2017/2018, 2018/2019, 2019/2020, 2020/2021
 ISCED code: 0321
 Arrivals (to PL):

Pers.	Months	Days	Level
2	20		wszyscy

Languages: • angielski: B2
• czeski: B2

Type: studenci-studia
 Cycles: 2014/2015, 2015/2016, 2016/2017, 2017/2018, 2018/2019, 2019/2020, 2020/2021
 ISCED code: 0321
 Departures (from PL):

Pers.	Months	Days	Level
2	20		wszyscy

Languages:

Type: * studenci-studia

Start date: * 01.10.2014

End date: * 30.09.2021

Country: * Click to choose

Wvjazdy:

Poziom studiów: -- no value --

Liczba osób:

Liczba osobomiesięcy:

Liczba tygodni:

Number of hours:

Przyjazdy:

Poziom studiów: wszyscy

Liczba osób:

Liczba osobomiesięcy:

Liczba tygodni:

Number of hours:

Details:

Czy wszystkie dziedziny: Yes

Dziedzina: (15200) Organizacja produkcji telewizyjnej i radiowej (Kod ISCED: 0321)

Organizational unit: Click to choose

Notes:

* - required fields

The operator can add new values or change the ones uploaded by EWP. Fields which are required but are missing in the set obtained from EWP have to be filled in by hand.

Warunki współpracy

? Help

Data from EWP

Type	nauczyciele akademicy			
Cycles	2014/2015, 2015/2016, 2016/2017, 2017/2018, 2018/2019, 2019/2020, 2020/2021			
ISCED code	0321			
Arrivals (to PL)	Pers.	Months	Days	Level
	1		7	
Languages	<ul style="list-style-type: none"> angielski: B2 czeski: B2 			

Type	nauczyciele akademicy			
Cycles	2014/2015, 2015/2016, 2016/2017, 2017/2018, 2018/2019, 2019/2020, 2020/2021			
ISCED code	0321			
Departures (from PL)	Pers.	Months	Days	Level
	1		7	
Languages				

Type	studenci-studia			
Cycles	2014/2015, 2015/2016, 2016/2017, 2017/2018, 2018/2019, 2019/2020, 2020/2021			
ISCED code	0321			
Arrivals (to PL)	Pers.	Months	Days	Level
	2	20		wszyscy
Languages	<ul style="list-style-type: none"> angielski: B2 czeski: B2 			

Type	studenci-studia			
Cycles	2014/2015, 2015/2016, 2016/2017, 2017/2018, 2018/2019, 2019/2020, 2020/2021			
ISCED code	0321			
Departures (from PL)	Pers.	Months	Days	Level
	2	20		wszyscy
Languages				

Type: studenci-studia

Start date: 01.10.2014

End date: 30.09.2021

Country: Click to choose

Wyjazdy:

Poziom studiów: -- no value --

Liczba osób:

Liczba osobomieszący:

Liczba tygodni:

Number of hours:

Przyjazdy:

Poziom studiów: wszyscy

Liczba osób: 2

Liczba osobomieszący: 20

Liczba tygodni:

Number of hours:

Details:

Czy wszystkie dziedziny: Yes

Dziedzina: (15200) Organizacja produkcji telewizyjnej i radiowej (Kod ISCED: 0321)

Organizational unit: Click to choose

Notes:

* - required fields

5.3.3. Notifying partners about changes in agreements

Let's assume that the home institution made some changes in the agreement and wants to inform the partner. One of the actions available in the context of the agreement is **Notify the partner about the change**. The notification will be sent under the condition that the partner implements **EWP Interinstitutional Agreement CNR API**.

International cooperation - Agreements

Logged in user: UGDANSK (Role: PELN)

+ Add Get data from EWP Reports ? Help

Agreements filter

No	Bilateral	BI/12/17	Date of signing	Start date	Expiration date	-- all statuses --	Migrate
1	Bilateral	BI/12/17	04.09.2017	01.10.2005		podpisana	<input type="button" value="Edit"/> <input type="button" value="Delete"/> <input type="button" value="Notify the partner about the change"/>

First << < > >> Last

Details Projects Units Cooperation conditions

Foreign higher education institution or external institution: Universitat Pompeu Fabra
 ERASMUS code: E BARCELO15
 City/village: Barcelona
 Country: Hiszpania
 Continent: Europa

External institutional coordinator:
 Institutional coordinator of the home institution:
 Person: [EWP 14.09.2017] KOD UMOWY PO STRONIE PARTNERA: 1110/[EWP]

Notes:

5.3.4. Accepting notifications about changes in agreements

No	Type	Number	Date of signing	Start date	Expiration date	Status	Migrate
1	Bilateral	1/2/3/4/5	23.09.2014	01.10.2014	30.09.2020	podpisana	Yes
2	Bilateral	1/E+/X13	21.10.2013	01.07.2014	30.09.2021	podpisana	Yes
3	Bilateral	1/E+107/I16	28.01.2016	28.01.2016	30.09.2021	podpisana	No

5.4. Arrivals

5.4.1. Arrival Nominations

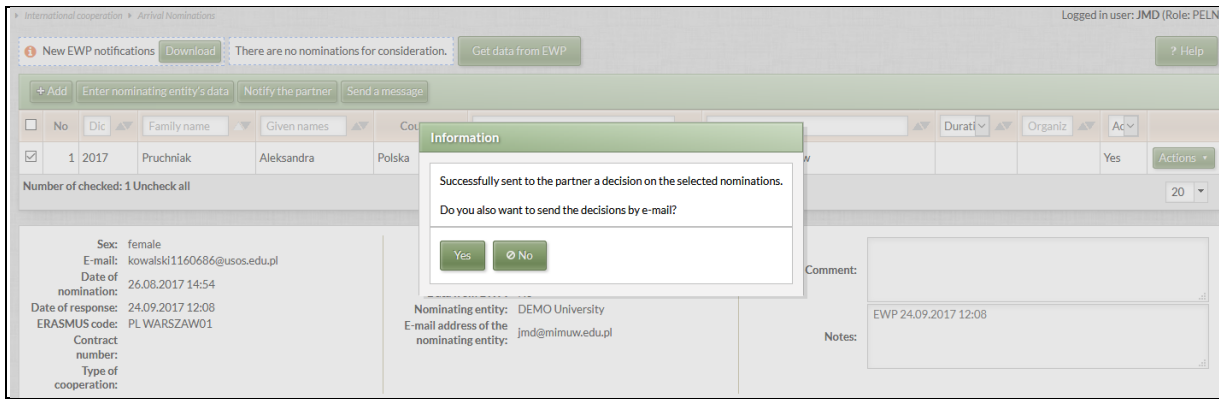
Nominations for arrival are displayed on the page *International cooperation* → *Arrival Nominations*.

Let's see the scenario on the series of screenshots. We enter *Arrival nominations*. The message says **There are no nominations for consideration**, since the one displayed in the page has already been accepted.

No	Dic	Family name	Given names	Country	Higher Education Institution	Name in English	Durat	Organiz	Ac
1	2017	Pruchniak	Aleksandra	Polska	Uniwersytet Warszawski	University of Warsaw			Yes

We can notify the partner by pushing **Notify the partner**.

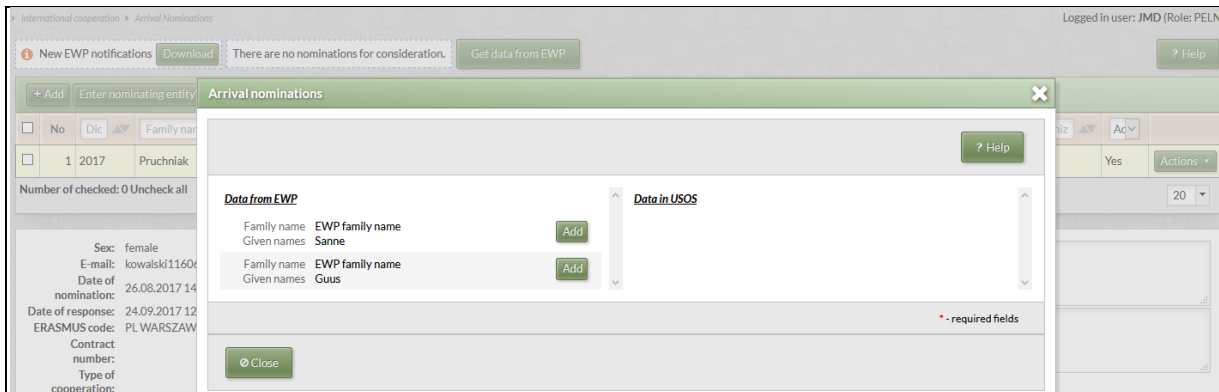
No	Given names	Family name	Accepted	Date of previous answer	Comment
1	Aleksandra	Pruchniak	Yes	24.09.2017 12:08	



If the institution does not use the EWP Network, it can enter nominations — obtained from the partner by e-mail — to the local system manually, using the button **Add**. In that case information to the nominating partner can be sent only by e-mail.

The EWP process starts when the sending institution notifies the receiving institution about the nominations. The assumption is that the sending institution knows the best moment to send the notifications, usually when the nomination process is finished at the sending institution.

Choose button **Download** to get new EWP notifications. Notifications may be downloaded many times before being stored as nominations.



Eventually the operator clicks button **Add**.

International cooperation > Arrival Nominations

New EWP notifications Download

+ Add Enter nominating entity's data Arr

No	Dic	Family name	Given names	Country	Higher Education Institution	Name in English	Durati	Organiz	Ac
<input type="checkbox"/>	1	2017	EWP family name	Guus	Belgia	Universiteit Gent	Ghent University	Winter semester	
<input type="checkbox"/>	2	2017	Pruchniak	Aleksandra	Polska	Uniwersytet Warszawski	University of Warsaw		

Number of checked: 0 Uncheck all

Sex: female
E-mail: kowalski11604@usos.edu.pl
Date of nomination: 26.08.2017 14:54
Date of response: 24.09.2017 12:50
ERASMUS code: PL WARSZAW
Contract number:
Type of cooperation:

Add nomination

Data from EWP

Given names: Guus
Family name: EWP family name
E-mail: EWP_Guus_01202988@ugent.be
Sex: male
Didactic cycle: **Not supported by EWP**
External unit: Faculty of Law
Organizational unit:
Nomination EQF level: 7
Arrival EQF level:
Agreement:
Type of cooperation: **Not supported by EWP**
Duration of the intended stay: 01.09.2017 - 01.02.2018
Mobility status: Nomination
ISCED code: 0421
Languages: • fr: B2
• nl: C2
• en: B2
Nominating entity: **Not supported by EWP**
E-mail address of the nominating entity: **Not supported by EWP**

Data in USOS

Guus
EWP family name
EWP_Guus_01202988@ugent.be
male
2017
Not stored in USOS
Click to choose
Not stored in USOS
Click to choose
Not stored in USOS
Click to choose
Click to choose
Winter semester
Not stored in USOS
Not stored in USOS
Not stored in USOS

Save Cancel

Then **Save**.

International cooperation > Arrival Nominations

New EWP notifications Download Pending nominations Show Get data from EWP

+ Add Enter nominating entity's data Notify the partner Send a message

No	Dic	Family name	Given names	Country	Higher Education Institution	Name in English	Durati	Organiz	Ac
<input type="checkbox"/>	1	2017	EWP family name	Guus	Belgia	Universiteit Gent	Ghent University	Winter semester	
<input type="checkbox"/>	2	2017	Pruchniak	Aleksandra	Polska	Uniwersytet Warszawski	University of Warsaw		

Number of checked: 0 Uncheck all

Sex: female
E-mail: kowalski1160686@usos.edu.pl
Date of nomination: 26.08.2017 14:54
Date of response: 24.09.2017 12:50
ERASMUS code: PL WARSZAW01
Contract number:
Type of cooperation:

Study level:
Domain:
ISCED code:
Data from EWP: No
Nominating entity: DEMO University
E-mail address of the nominating entity: jmd@mimuw.edu.pl

Comment:
Notes:

Choose **Enter nominating entity's data** to enter name and email of the nominating entity for the selected nominations.

International cooperation > Arrival Nominations

New EWP notifications Download Pending nominations Show Get data from EWP

+ Add Enter nominating entity's data Notify the partner Send a message

No	Dic	Family name	Given names	Country	Higher Education Institution	Name in English	Durati	Organiz	Ac
<input checked="" type="checkbox"/>	1	2017	EWP family name	Guus	Belgia	Universiteit Gent	Ghent University	Winter semester	
<input type="checkbox"/>	2	2017	Pruchniak	Aleksandra	Polska	Uniwersytet Warszawski	University of Warsaw		

Number of checked: 1 Uncheck all

Sex: female
E-mail: kowalski1160686@usos.edu.pl
Date of nomination: 26.08.2017 14:54
Date of response: 24.09.2017 12:50
ERASMUS code: PL WARSZAW01
Contract number:
Type of cooperation:

Edit nomination

Nominating entity: University of Ghent
E-mail address of the nominating entity: jmd@mimuw.edu.pl

Save Cancel

Choose button **Edit** available upon **Actions** to see details of the nomination and make changes.

International cooperation - Arrival Nominations

New EWP notifications Download Pending nomination

+ Add Enter nominating entity's data Notify the partner

No	Dic	Family name	Given names	
<input type="checkbox"/>	1	2017	EWP family name	Guus
<input type="checkbox"/>	2	2017	Pruchniak	Aleksandra

Number of checked: 0 Uncheck all

Sex: male
E-mail: EWP_Guus_01202988@ugent.be
Date of nomination: 24.09.2017 12:52
Date of response: 24.09.2017 12:52
ERASMUS code:
Contract number:
Type of cooperation:

Didactic cycle: 2017 (Rok akademicki 2017/18) Choose

Family name: EWP family name

Given names: Guus

Foreign Higher Education Institution: Universiteit Gent Choose

Agreement: Click to choose Choose

Type of cooperation: Click to choose Choose

Duration of the intended stay: Winter semester

Organizational unit: Click to choose Choose

Is accepted: Yes

Sex: male

E-mail: EWP_Guus_01202988@ugent.be

Nominating entity: University of Ghent

E-mail address of the nominating entity: jmd@mimuw.edu.pl

Date of nomination: 24.09.2017 12:52

Comment: Characters remaining:200

Notes: Bytes remaining:2000

required fields

Save Cancel

When the nomination is either accepted or rejected, it is possible to send notification to the partner. When button **Notify the partner** is clicked, the list of nominated students is displayed. When button **Send** is selected, the decision is send to the partner by the EWP Network (endpoint **update-statuses** from **EWP Outgoing Mobilities API**).

International cooperation - Arrival Nominations

New EWP notifications Download Pending nominations Show Get data from EWP

+ Add Enter nominating entity's data

Warning

Clicking the "Send" button will send decisions on following nominations.

No	Given names	Family name	Accepted	Date of previous answer	Comment
1	Guus	EWP family name	Yes		

Send Cancel

The partner may also be informed by e-mail. After clicking button **Send a message** the operator can complete the message (its draft version is predefined).

International cooperation - Arrival Nominations

New EWP notifications Download Pending nomination

+ Add Enter nominating entity's data Notify the partner

International cooperation - Arrival Nominations

Edit message - USOSmail

From: Góralowski Marek <kowalska1@usos.edu.pl>

To: jmd@mimuw.edu.pl

Subject: Nomination

Given names: Guus
Family name: EWP family name
Status: Accepted

Regards
jmd

Characters remaining:14922

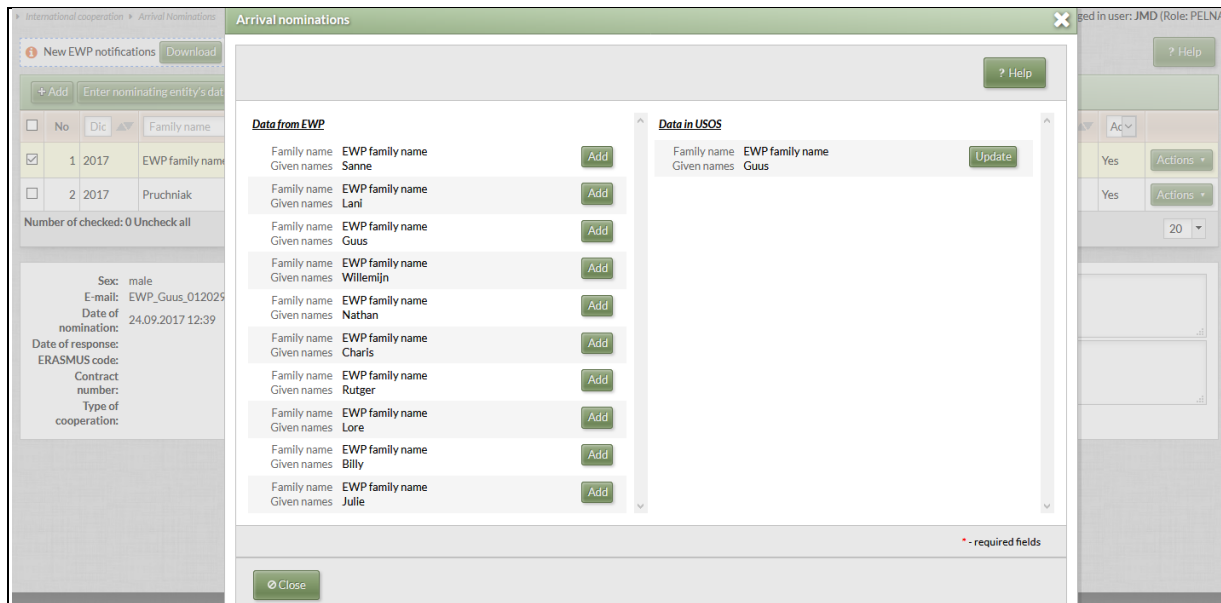
required fields

Send Cancel

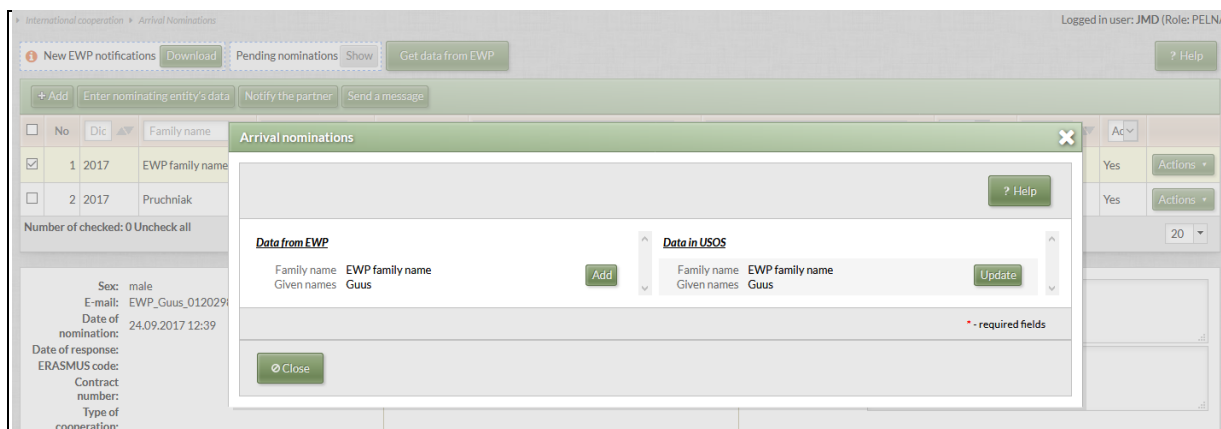
Choose button **Get data from EWP** available upon **Actions** to invoke endpoint **get** of **EWP Outgoing Mobilities API** for a single nomination.

There is also **Get data from EWP** button in the upper part of the page (equivalent to the one in **Arrivals**). It can be used to obtain data about nominations/arrivals from the sending institution. It is up to the local coordinator if the nominations/arrivals from the sending institutions are stored as nominations, accepted and then transferred to arrivals (in the **Arrival Nominations** page) or transferred directly to arrivals (in the **Arrivals** page).

Choose button **Get data from EWP** from the top of the page to get **all data provided by the partner**.

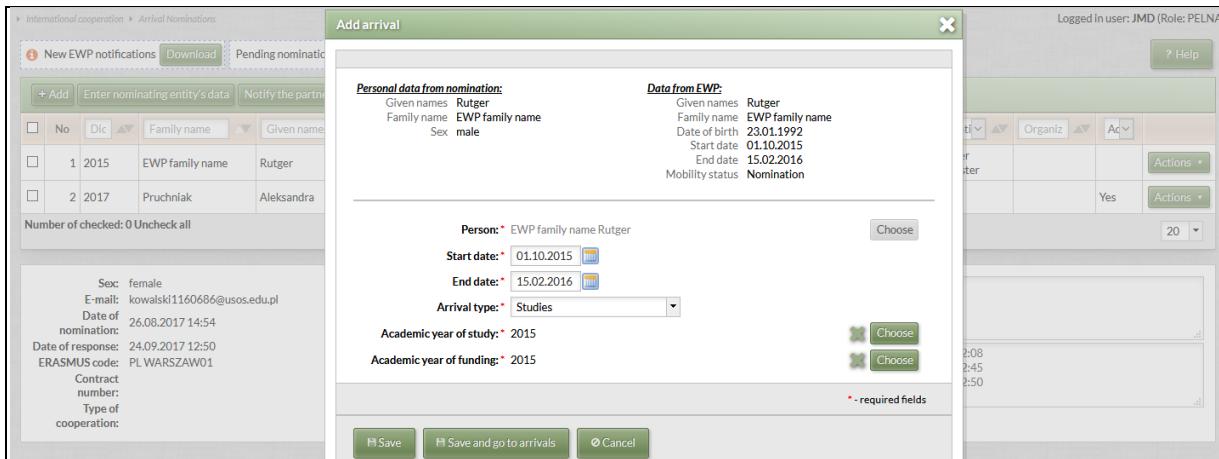


This time choose button **Get data from EWP** from the top of the page to get **only data of objects stored in USOS**. Only one record is now shown – the one stored before.



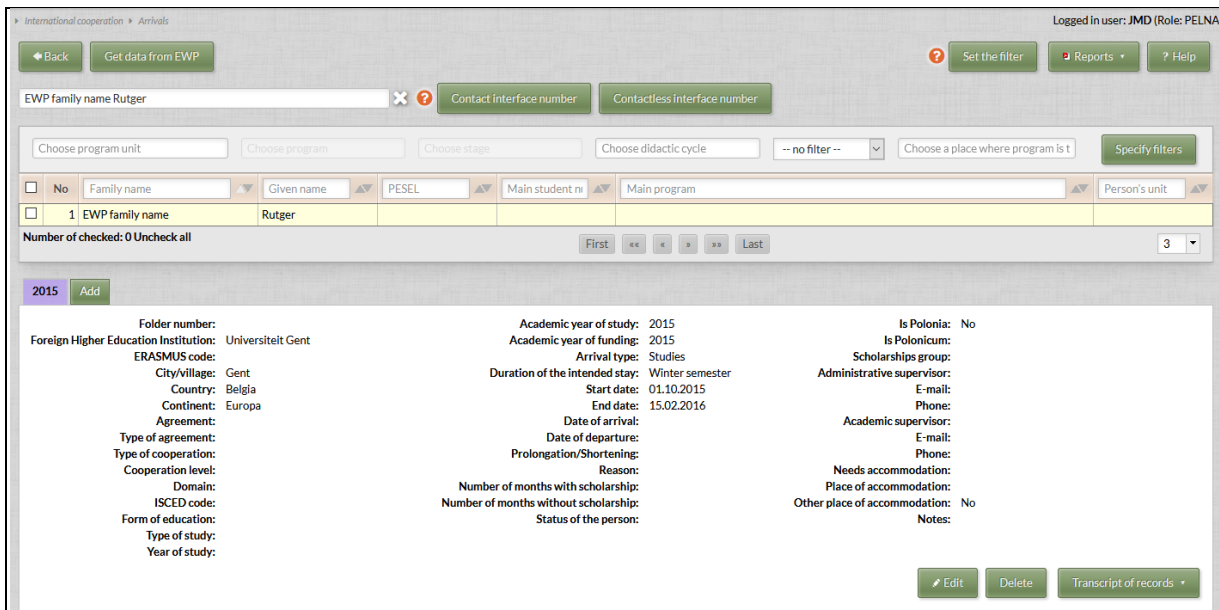
5.4.2. Moving Nominations to Arrivals

Eventually the nomination is accepted and the operator performs action **Move to arrivals** available upon **Actions** to move it to the **Arrivals** section. The system invokes **get**, in a new window on the left hand side displays data from the nomination and on the right hand side data obtained from EWP by **get** (most recent set of data).



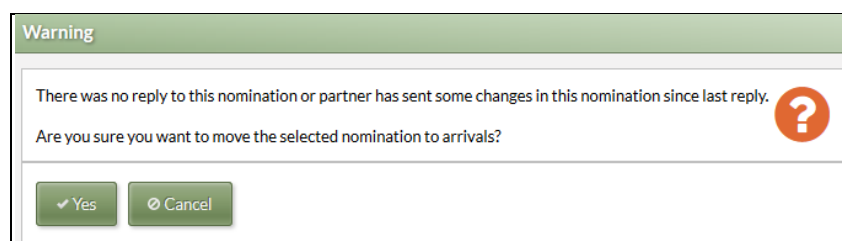
The operator should complete the missing data which are obligatory in the local system but has not been delivered by the sending institution.

When the operator pushes **Save and go to arrivals**, the record is removed from nominations and new one is added to arrivals, a new person is stored in the system (or the arrival is associated with the existing person), and the system opens the **Arrival** page for the newly added arrival. Now the operator can complete other missing data (like the host units at the receiving institution).

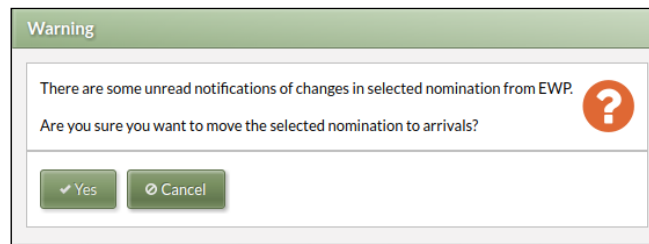


Before moving a nomination to arrivals, the system warns the operator about various situations:

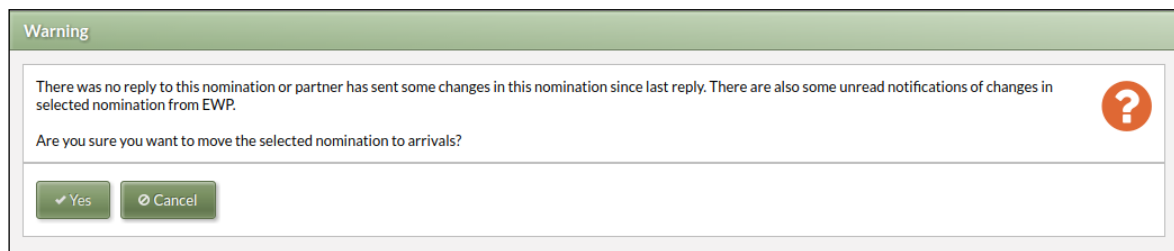
1. There was no reply to this nomination (the receiving institution has not sent update nor e-mail) or the receiving institution had collected change notification request but has not sent confirmation (**update**).



- The sending institution had sent change notification request concerning this nomination which has not been collected by the receiving institution (**New EWP notifications** message is displayed in the top left corner).



- Both conditions are met.



5.4.3. Arrivals

Arrivals are displayed on the page **International cooperation** → **Arrivals**.

International cooperation > Arrivals

Logged in user: JMD (Role: PELN)

Get data from EWP

Set the filter Reports ? Help

Choose a person by typing PESEL, student number or name

Contact interface number Contactless interface number

04010000 D-BWZ Choose stage Choose didactic cycle -- no filter -- Choose a place where program is t Specify filters

No	Family name	Given name	PESEL	Main student nu	Main program	Person's unit	
<input type="checkbox"/>	1	Abramczyk	Andrzej	71012614015	1234203364	D-BWZ (Studenci, Obcokrajowcy, Erasmus, krótkoterminowi)	04010000
<input type="checkbox"/>	2	Abramska	Danuta	78042968802	1234272416	D-BWZ (Studenci, Obcokrajowcy, Erasmus, krótkoterminowi)	04010000
<input type="checkbox"/>	3	Adach	Martyna	77011751007	1234261924	D-BWZ (Studenci, Obcokrajowcy, Erasmus, krótkoterminowi)	04010000

Number of checked: 0 Uncheck all

First 1 2 3 4 5 Last

2011 Add

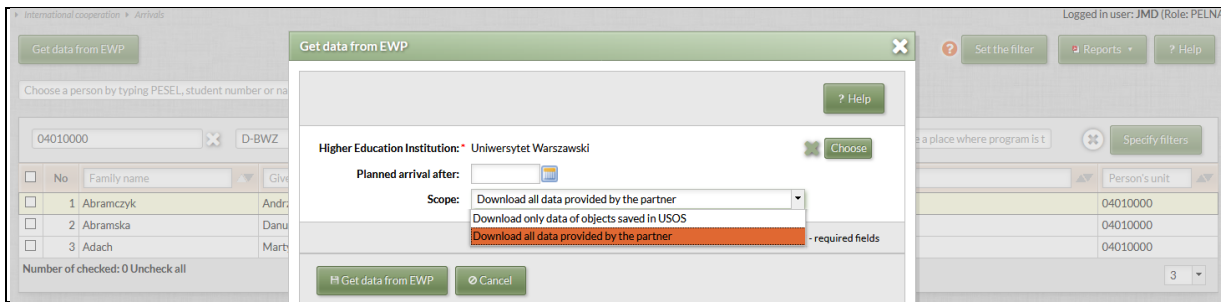
Folder number:	Academic year of study:	Is Polonia:
Foreign Higher Education Institution: University of Zagreb	2011	No
ERASMUS code: HR ZAGREB01	Academic year of funding: 2011	Is Polonicum:
City/village: Zagreb	Arrival type: Studies	Scholarships group:
Country: Chorwacja	Duration of the intended stay: Summer semester	Administrative supervisor: Malgorzata Melich
Continent: Europa	Start date: 13.02.2012	E-mail: kowalska1650438@usos.edu.pl
Agreement:	End date: 01.07.2012	Phone: 44-00-111
Type of agreement:	Date of arrival:	Academic supervisor: Paulina Grzegorzczak
Type of cooperation:	Date of departure:	E-mail: kowalska1171926@usos.edu.pl
Cooperation level:	Prolongation/Shortening:	Phone: 44-00-111
Domain:	Reason:	Needs accommodation:
ISCED code:	Number of months with scholarship:	Place of accommodation:
Form of education:	Number of months without scholarship:	Other place of accommodation: No
Type of study: licencjackie	Status of the person:	Notes:
Year of study: 3		

Edit Delete Transcript of records

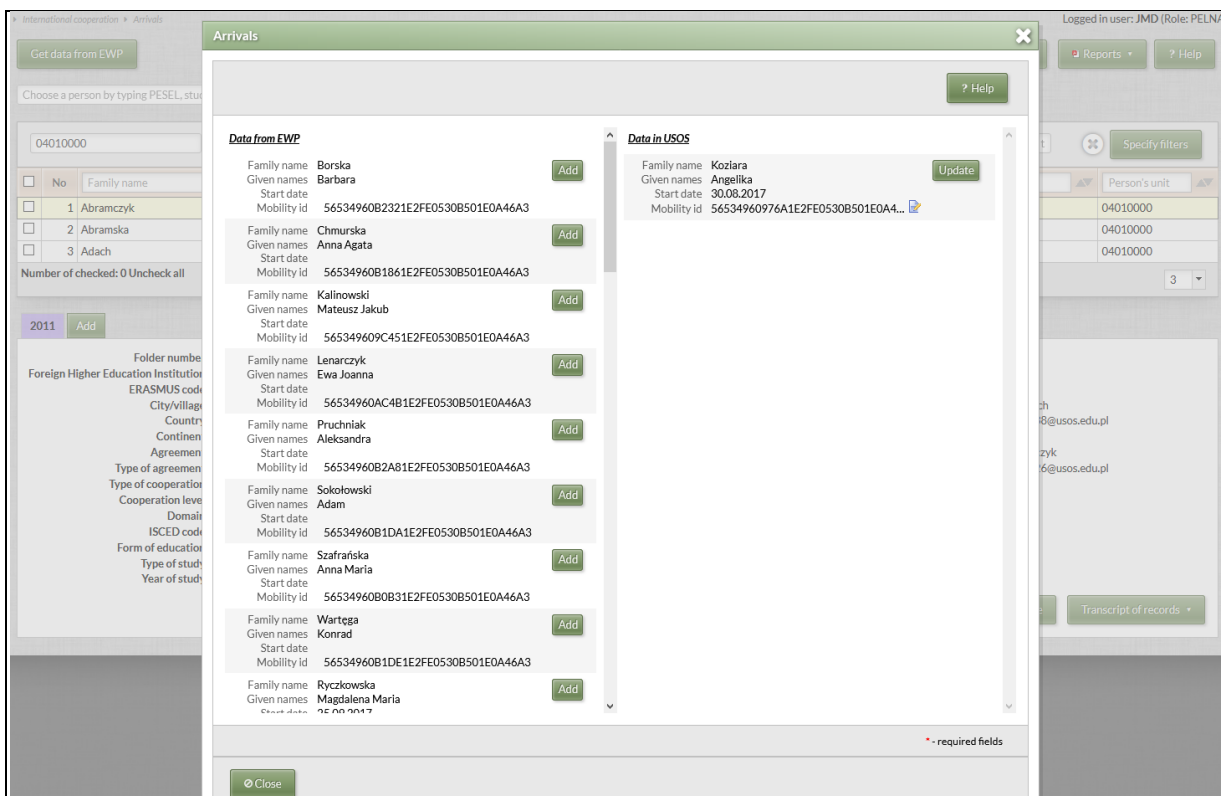
Arrivals can be entered by hand, using the data obtained in e-mails, exported from the admission system (IRK-BWZ), transferred from nominations (see chapter on **Arrival Nominations**), or obtained directly from the EWP Network as arrivals.

Choose button **Get data from EWP**, in the new window choose your partner institution. There are two options – the system can either download all data provided by the partner (first invokes

endpoint **index** then endpoint **get**) or only data objects saved in the local system (first selects objects from the database then invokes endpoint **get**).



Then click **Get data from EWP** to invoke the appropriate endpoint of **EWP Outgoing Mobilities API**.



International cooperation > Arrivals

Get data from EWP

Choose a person by typing P

Choose program unit

No	Family name
<input type="checkbox"/>	1 AL Shwalky
<input type="checkbox"/>	2 AL Shwalky
<input type="checkbox"/>	3 ALshaerah

Number of checked: 0 Unch

Add

Folder number:
Foreign Higher Education Institution:
Agreement:
Type of cooperation:
Domain:
Form of education:
Type of study:
Year of study:

Arrivals

Help

Data from EWP

Family name: EWP family name
Given names: Lani
Start date: 09.10.2017
Mobility id: cf4f7660-e947-11e6-b5c1-aa00009000da

Family name: EWP family name
Given names: Guus
Start date: 01.09.2017
Mobility id: 2fc12850-f8f6-11e6-b4c6-aa00009000da

Family name: EWP family name
Given names: Willemijn
Start date: 18.02.2017
Mobility id: 041256c0-b48c-11e5-94e4-002128442f66

Family name: EWP family name
Given names: Nathan
Start date: 01.02.2017
Mobility id: a31079c0-4823-11e6-a3ed-002128442f66

Family name: EWP family name
Given names: Charis
Start date: 15.02.2016
Mobility id: 0604b046-2f4c-11e7-97cd-aa00009000da

Family name: EWP family name
Given names: Rutger
Start date: 01.10.2015
Mobility id: 70b16272-2f4d-11e7-97cd-aa00009000da

Family name: EWP family name
Given names: Lore
Start date: 29.09.2015
Mobility id: 678ec803-2f4c-11e7-97cd-aa00009000da

Family name: EWP family name
Given names: Billy
Start date: 11.02.2014
Mobility id: 7bc6da92-f19c-11e5-bf21-90b11c974d00

Family name: EWP family name
Given names: Julie
Start date: 27.09.2013

Data in USOS

Family name: Dzekan
Given names: Grażyna Monika
Start date: 01.10.2017
Mobility id:

Family name: Niczyporuk
Given names: Łukasz
Start date: 18.02.2017
Mobility id:

required fields

Close

MD (Role: PELN)

Help

city filters

son's unit

0000

0000

0000

3

Choose

Choose

Choose

remaining:240

Save

After clicking **Add**.

Arrivals
Close

Add arrival
Close

? Help

<u>Data from EWP</u>	<u>Data in USOS</u>
Person: * Chmurska Anna Agata	Click to choose Choose + Add
Foreign Higher Education Institution: Uniwersytet Warszawski	Uniwersytet Warszawski
Start date: *	↻ <input type="text"/>
End date: *	↻ <input type="text"/>
Date of arrival:	↻ <input type="text"/>
Date of departure:	↻ <input type="text"/>
Prolongation/Shortening:	<input type="text"/>
Academic year of funding: * Not supported by EWP	Click to choose Choose
Academic year of study: * Not supported by EWP	Click to choose Choose
Agreement Provided EWP id does not match any agreement	Click to choose Choose
Arrival type: * Not supported by EWP	<input type="text" value="Studies"/>
Mobility status: Active	<input type="text" value="-- no value --"/>
Nomination EQF level: 7	Not stored in USOS
Arrival EQF level:	Not stored in USOS
Type of cooperation: * Not supported by EWP	Click to choose Choose
Type of study: * Not supported by EWP	<input type="text" value="-- no value --"/>
Languages: • CS: B2	Not stored in USOS
ISCED code/Domain: 0114	Click to choose Choose

* - required fields

Save
Cancel

Close

Arrivals

Add arrival

? Help

Data from EWP		Data in USOS	
Person:*	EWP family name Lani	EWP family name Lani	Choose
Foreign Higher Education Institution:	Universiteit Gent	Universiteit Gent	
Start date:*	09.10.2017	09.10.2017	
End date:*	12.02.2018	12.02.2018	
Date of arrival:			
Date of departure:			
Prolongation/Shortening:			
Academic year of funding:*	Not supported by EWP	2017	Choose
Academic year of study:*	Not supported by EWP	2017	Choose
Agreement		Click to choose	Choose
Arrival type:*	Not supported by EWP	Studies	
Mobility status:	Nomination	-- no value --	
Nomination EQF level:	6	Not stored in USOS	
Arrival EQF level:		Not stored in USOS	
Type of cooperation:*	Not supported by EWP	Click to choose	Choose
Type of study:*	Not supported by EWP	-- no value --	
Languages:	nl: C2 en: A1	Not stored in USOS	
ISCED code/Domain:	0312	Click to choose	Choose

* - required fields

Save Cancel

Data are completed and saved. Now we have the new arrival in the local system.

International cooperation - Arrivals

Logged in user: JMD (Role: PELN)

Get data from EWP

Choose a person by typing PESEL, student number or name

Contact interface number Contactless interface number

Choose program unit Choose program Choose stage Choose didactic cycle -- no filter -- Choose a place where program is ta Specify filters

No	Chmurska	Given name	65	Main student nu	Main program	Person's unit
1	Chmurska	Anna	65092853802	1234105429	DD-POL (Studia trzeciego stopnia, stacjonarne - Polonistyka)	30000000

Number of checked: 0 Uncheck all

2017 Add

Folder number:	Unwersytet Warszawski	Academic year of study:	2017	Is Polonia:	No
Foreign Higher Education Institution:	PL WARSZAW01	Academic year of funding:	2017	Is Polonicum:	
ERASMUS code:	Warszawa	Arrival type:	Studies	Scholarships group:	
City/village:	Warszawa	Duration of the intended stay:		Administrative supervisor:	
Country:	Polska	Start date:	01.10.2017	E-mail:	
Continent:	Europa	End date:	28.02.2018	Phone:	
Agreement:		Date of arrival:		Academic supervisor:	
Type of agreement:		Date of departure:		E-mail:	
Type of cooperation:		Prolongation/Shortening:		Phone:	
Cooperation level:		Reason:		Needs accommodation:	
Domain:	05200 Kształcenie nauczycieli na poziomie	Number of months with scholarship:		Place of accommodation:	No
ISCED code:	0114 Kształcenie nauczycieli ze specjalizacją	Number of months without scholarship:		Other place of accommodation:	No
Form of education:	tematyczną	Status of the person:		Notes:	
Type of study:					
Year of study:					

Edit Delete Transcript of records

5.4.4. Transcript of records for one student

At the end of the mobility the incoming students should obtain transcripts of records with all achievements from the mobility period at the hosting (receiving) institution. The staff member of IRO or of the student's office of the receiving institution should issue transcripts of records for the incoming students. The documents should either be printed and delivered to the students or the sending institutions on paper, or generated, stored in the database and send to the sending institutions either by e-mail or — on request — by the EWP Network. There are three actions available in the context of the particular arrival under the button **Transcript of records**:

- **Generate** – generate the transcript and save the file in the local system. If the transcript of records for the selected arrival has already been generated, the system will warn the user and ask for confirmation that the action should be continued. Data are prepared in the ELMO format. Eventually PDF will be signed digitally.
- **Download** – download the transcript or show it on the screen. This option is active only after the file has been generated and stored.
- **Notify the partner about the change** – notify the partner that the transcript has been changed. It is not possible to send a change notification if the partner does not implement **EWP Incoming Mobility ToRs CNR API** (this API is implemented by the sending institution if it wants to be notified whenever a transcript of records served by the receiving institution – via **EWP Incoming Mobility ToRs API** – is changed).

2011	Add				
Folder number:	University of Zagreb	Academic year of study:	2011	Is Polonia:	No
Foreign Higher Education Institution:	HR ZAGREB01	Academic year of funding:	2011	Is Polonicum:	
ERASMUS code:	Zagreb	Arrival type:	Studies	Scholarships group:	
City/Village:	Chorwacja	Duration of the intended stay:	Summer semester	Administrative supervisor:	Małgorzata Melich
Country:	Europa	Start date:	13.02.2012	E-mail:	kowalska1650438@usos.edu.pl
Continent:		End date:	01.07.2012	Phone:	44-00-111
Agreement:	Programs and projects	Date of arrival:		Academic supervisor:	Paulina Grzegorzczuk
Type of agreement:		Date of departure:		E-mail:	kowalska1171926@usos.edu.pl
Type of cooperation:		Prolongation/Shortening:		Phone:	44-00-111
Cooperation level:		Reason:		Needs accommodation:	
Domain:		Number of months with scholarship:		Place of accommodation:	
ISCED code:		Number of months without scholarship:		Other place of accommodation:	No
Form of education:		Status of the person:		Notes:	
Type of study:	licencjackie				
Year of study:	3				

Generate
Download
Notify the partner about the change

Transcript of records

Host units | Finances | Registrations | Issued documents

INFORMATION ON THE RESULTS GAINED					
Courses by didactic cycles	Language of instruction	Type/No. of hrs	Grade	Distribution %	ECTS
Winter semester 2014/2015					
(2600-DSMdz1EP) Elements of Psychology	PL	cw 30	[4,5]	76 (11) 13	4
(4101-ANGOB1) English - intermediate level	EN	lek 60	[2]	0 (39) 61	
(2600-DSMdz1PPWG) Introduction to Economic Law	PL	wyk 30 / cw 30	[5/2]		
(2600-DSMdz1PZI) Introduction to Management	PL	wyk 30 / cw 30	[4/2]		
(2600-DSMdz1MATI) Mathematics I	PL	cw 30	[3,5 NK]	0 (32) 68	
(2600-DSMdz1MIKROI) Microeconomics I	PL	wyk 30 / cw 30	[/2]	0 (23) 77	
(2600-DSMdz1PIDB) Principles of information science for business	PL	wyk 30 / cw 30	[5/3,5]		4
(2600-DSMdz1OWI) Protecting Intellectual Property	PL	kon 4	[NK]	0 (100) 0	
(4023-O-PLYW3) Swimming – learning to swim	PL	wf 30	[ZAL]	71 (29) 0	
(0000-BHP-OG) Workplace health and safety	PL	kint	[NZAL]	0 (100) 0	
Summer semester 2014/15					
(2600-DSMdz1PPF) Basic Enterprises Activity	PL	cw 30	[NK]	0 (28) 72	
(3104-M2SNW-ZF1-OG) Courses, recommended by the coordinator of the block as a complementary series "Major problems of the early modern era"	PL	kon 30	[4,5]	n/a	4
(2600-DSMdz1ES) Elements of Sociology	PL	kon 30	[5]	85 (15) 0	3
(4101-ANGOB1) English - intermediate level	EN	lek 60	[4]	53 (11) 36	2
(2600-DSMdz1MATII) Mathematics II	PL	cw 30	[5 NK]	0 (31) 69	
(2600-DSMdz1MIKROI) Microeconomics II	PL	cw 30 / egz	[3,5 3,5/4,5 NK]		
(3104-WH13KOS) Only and unique? Power systems in the Polish Commonwealth and other European countries (2nd half 17 & 18 th century)	PL	wyk 30	[3,5]	n/a	2
(2600-DSMdz1PPA) Principles of Administrative Law	PL	wyk 30 / cw 30	[5/3,5]		4
(2600-DSMdz1PZII) Principles of Organisations and Management Theory II	PL	cw 30	[3]	25 (21) 54	3
(2600-DSMdz1RP) Probability Calculus	PL	cw 30	[4 5]	88 (12) 0	3

5.4.5. Transcripts of records for many students

Transcripts can be generated for selected mobilities or for all from the active filter.

5.5. Departures

5.5.1. General scenario

Scenario starts when outgoing mobilities (departures) have already been defined (either in USOSweb or directly in USOS).

1. Staff member of IRO

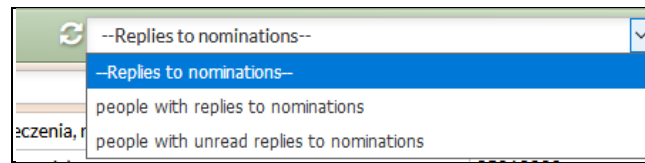
Visits the page **Departures**. Activates the filter window to display students nominated for departures. Marks the departures to be sent to the receiving institution. Can mark or unmark individual students or groups of students.

2. USOS
Generates the report with the list of nominated and marked students. Asks the operator for confirmation.
3. Staff member of IRO
Checks the report. If anything is wrong, stops the procedure to make corrections. If everything is OK, accepts the report.
4. USOS
USOS supports a couple of options:
 - to generate and print/store the report,
 - to send the report by e-mail,
 - to send the information by the EWP Network and optionally also send the report by e-mail.

If the receiving institution does not use EWP, options associated with EWP are disabled. E-mails are sent to addresses stored in the system. It is possible to add comment to e-mail, which will not be stored in USOS. USOS supports extra option (set by default) **Do you want to change status of the departure** from **In preparation** to **Active**. When information is sent by the EWP Network, the option is always set and cannot be changed.
5. Staff member of IRO
Chooses the appropriate option and confirms the decision.
6. USOS
Depending on the chosen option either sends e-mail, sends information about nominations using **EWP Outgoing Mobility CNR API**, changes statuses of the departures from 'P' to 'A'. Date when the nomination has been sent is stored. If the nomination has been sent using the EWP Network, special flag is set.
7. The following steps concern only data sent by EWP.
8. Receiving institution (see chapter on **Arrival Nominations** and **Arrivals**)
Gets information about nominations using endpoint **get** of **EWP Outgoing Mobilities API**. Sends acceptance or rejection decisions using endpoint **update-statuses** of **EWP Outgoing Mobilities API**.
9. Sending institution
Inserts information on acceptance or rejection decision delivered by **update-statuses**.
10. Staff member of IRO
Visits the page **Departures**.
11. USOS
Checks if there are pending acceptance or rejection decisions. If yes, then copies them to a separate table.
12. USOS
Checks if there are any records not yet shown to the operator. If so, informs the operator.
13. Staff member of IRO
Browses the records. Can mark the history of decisions as read.
14. Staff member of IRO
If there are rejected nominations, performs all necessary business actions (updates data in USOS, sends e-mails outside USOS etc.). Then can resend nominations to the receiving institution (the scenario is repeated).

Most nominations chosen to be sent to the receiving institution will be in status 'P' (and the status will change to 'A'), but it is also possible to send nominations in status 'A', for example when the record initially rejected by the receiving institution has been corrected and is send again.

There is a filter which can be used to find all nominations sent by EWP which have been neither rejected nor approved by the receiving institution.



The receiving institution can invoke endpoint **index** to get identifiers of all mobilities or endpoint **get** to get details of the chosen mobilities (from the given time range and with the appropriate statuses).

If a student resigns from the mobility, the staff member should change the status to **Resign** and push the button **EWP → Notify the partner about the change**.

In USOS nominations and departures are stored in the same table and can only be distinguished by the status. In particular, they are sent to the partner in the same way. This is up to the partner to decide whether they should be stored as nominations or arrivals.

5.5.2. Departure

Departures are displayed on the page **International cooperation → Departures**. Every departure is represented by a separate tab in the lower block.

International cooperation → Departures Logged in user: JMD (Role: PELNA)

New replies to nominations [Show](#)

Choose a person by typing PESEL, student number or name [Contact interface number](#) [Contactless interface number](#)

Choose program unit Choose program Choose stage Choose didactic cycle -- no filter -- Choose a place where program is [Specify filters](#)

No	Adamczyk	Ag	PESEL	Main student n	Main program	Person's unit
1	Adamczyk	Agata	75011444507	1234243340	SJ-PS (Psychologia, stacjonarne, jednolite magisterskie)	25000000
2	Adamczyk	Agnieszka	69101085800	1234190443	DZ-SP-IPS (Polityka społeczna, stacjonarne, pierwszego stopnia)	21030000
3	Adamczyk	Agnieszka	79092461505	1234287317	D-BWZ (Studenci, Obcokrajowcy, Erasmus, krótkoterminowi)	04010000

First [«](#) [»](#) 1 2 [»](#) [»](#) Last 3

2011 [Add](#)

Folder number:

Organizational unit: [Choose](#)

Foreign Higher Education Institution: [Choose](#)

Agreement: [Choose](#)

Type of cooperation: [Choose](#)

Domain: [Choose](#)

In second round:

Agreement with student:

Erasmus in the past:

Speaks Polish:

Classes in the official language:

Type of departure:

Status:

Reasons for resignation: [Choose](#)

Application information

Program: [Choose](#)

Year of study:

Departure information

Program: [Choose](#)

Year of study:

Academic year: [Choose](#)

Academic year of funding: [Choose](#)

Scholarships group: [Choose](#)

Disability subsidy:

Co-financing from organizational unit:

Received scholarships:

If other, then which:

Date of granting:

Duration of the intended stay:

Duration of the intended stay - comment: Characters remaining: 200

Stay from:

Stay to:

Date of departure:

Date of return:

Actual date of departure:

Actual date of return:

Prolongation/Shortening:

Number of months with scholarship:

Number of months of prolongation:

Number of months without scholarship:

Notes (visible in USOSweb): Bytes remaining: 2000

Notes (not visible in USOSweb): Bytes remaining: 2000

[Save](#)

The notifications send by the receiving institutions are available under the button **Show** next to **New replies to nominations**. Pushing the button is equivalent to setting the filter **people with unread replies to nominations**. The sending institution has to implement **EWP Incoming Mobility CNR API**, which will be used by the receiving institutions to send notifications. Another possible value of the filter is **people with replies to nominations**.

After reading the **new replies to nominations**, we get the date of response in the block **History of decisions**. There is a link **Mark as read** to mark the pointed answer as read.

The button **EWP** for handling a particular departure is located in the right down corner of the tab of this departure.

The screenshot shows the EWP system interface. At the top, there is a navigation bar with 'International cooperation' and 'Departures'. A 'New replies to nominations' button is highlighted with a red dashed box. Below it, there are search filters for 'PESEL, student number or name', 'Contact interface number', and 'Contactless interface number'. A 'People' table lists individuals, with the first entry for 'Ostrowska Ilona' selected. Below the table, a detailed view for the year 2015 shows application and departure information. The 'Application information' section includes details like 'Folder number: 100006651/1/2/3', 'Program: S2-ZA', and 'Date of granting: 09.03.2015'. The 'Departure information' section includes 'Program: Drugiego stopnia', 'Type of study: Stacjonarne', and 'Date of departure: 17.09.2015'. At the bottom, there is a 'History of decisions' table with columns for 'Date of response', 'Is accepted', and 'Comment', which is currently empty. Action buttons for 'Edit', 'Delete', 'EWP', and 'Transcript of records' are visible at the bottom right of the main content area.

There are some actions under the button. The action **Notify the partner about the change** invokes **EWP Outgoing Mobility CNR API** to notify the receiving institution that the mobility has changed on the server of the sending institution. The action **Get actual stay dates** invokes **EWP Incoming Mobility API** to get actual arrival and departure date to/from the receiving institution. The operator will make a decision.

This image shows a close-up of the 'EWP' button and its associated actions. The button is green and labeled 'EWP'. Below it, there are two text labels: 'Notify the partner about the change' and 'Get actual stay dates'. To the right of the 'EWP' button, there is a green button labeled 'Transcript of records'.

5.5.3. Transcript of Records

When the departure period is over, the achievements of the outgoing students from the mobility period should be sent from the receiving institution to the sending institution. If the transcript of records is delivered by student or by the partner institution in the traditional way – on paper or as PDF sent by e-mail, it has to be manually entered to the local system. EWP offers the possibility to transfer the transcript via the Network. The sending institution may either ask for the transcripts for the outgoing students by calling **EWP Incoming Mobility ToR API** or be notified by the partner that the transcripts are ready by implementing **EWP Incoming Mobility Tor CNR API**.

The page **International cooperation** → **Departures** displays information about all the departures from the sending institution. For a particular student each tab corresponds to one departure with the academic year as the label of the tab. In the right down corner of the tab there is the **Transcript of Records** button with two options:

- **Download saved file** — this option is available only when the document has already been obtained and stored in the system. The document is shown on the screen, can be printed or downloaded on the local computer.
- **Get data from EWP** — the system invokes **EWP Incoming Mobility ToRs API** to get the transcript from the partner institution.

2016 Add		
Folder number: 33360/1/2/3	Application information	Date of granting: 10.05.2017
Organizational unit: 27000000 (Wydział Dziennikarstwa, Informacji i Bibliologii)	Program: S1-LS-ILS	Duration of the intended stay: Other
Foreign Higher Education Institution: Uniwersytet Warszawski	Type of study: Pierwszego stopnia	Duration of the intended stay - comment:
ERASMUS code: PL WARSZAW01	Study mode: Stacjonarne	Stay from: 10.07.2017
City/Village: Warszawa	Year of study: 3	Stay to: 10.09.2017
Country: Polska	Departure information	Date of departure: 06.07.2017
Agreement:	Program:	Date of return: 11.09.2017
Type of agreement:	Type of study:	Actual date of departure:
Type of cooperation:	Study mode:	Actual date of return:
Cooperation level:	Year of study:	Prolongation/Shortening:
Domain: 15400 Bibliotekoznawstwo	Academic year: 2016	Number of months with scholarship:
ISCED code: 0322 Bibliotekoznawstwo, Informacja naukowa i archiwistyka	Academic year of funding: 2016	Number of months of prolongation:
In second round: No	Scholarship group: Druga stawka stypendialna (niższa)	Number of months without scholarship: 0
Agreement with student: Yes	Disability subsidy: No	Notes (visible in USOSweb): Uwagi dotyczące wyjazdu
Erasmus in the past: No	Co-financing from organizational unit: None	Notes (not visible in USOSweb):
Speaks Polish: Yes	Received scholarships: None	
Classes in the official language: No	If other, then which:	
Type of departure: Internships		
Status: Active		
Reasons for resignation:		
		Download saved file
		Get data from EWP
		Transcript of records

If we choose the second button to get the data from the EWP Network, when the transcript is not yet ready in the system of the receiving institution, the system also displays the error message *“Partner has not sent a transcript of records for this departure”*.

Eventually, the transcript is successfully obtained from the receiving institution and saved in the local system of the sending institution. In the pilot version of the EWP connector a transcript obtained from the EWP Network is stored in the context of the departure as the binary object XML which includes PDF, but eventually, as in EMREX, it will be unpacked and each course, grade and number of ECTS will be stored separately as student achievements.

6. USOSweb — scenarios with screen shots

USOSweb is a portal for students and academic staff. DEMO installation is available at <http://usosweb.demo.usos.edu.pl/>.

DEMO University Central Authentication System You are not logged in | log in

USOSweb

NEWS DIRECTORY MY USOSWEB STUDENT'S SECTION STAFF SECTION COMMON SECTION

DOCUMENTS
informacje

REGISTRATION CALENDAR

CONTACT

last data migration: ~6 hours ago last modification of this document: 594 days ago

USOSweb to internetowy odpowiednik USOS dla studentów i nauczycieli akademickich pozwalający na zdalne załatwianie spraw związanych z tokiem studiów. Studentom umożliwia on między innymi następujące czynności:

- przeglądanie planu zajęć,
- przeglądanie historii zaliczeń,
- rejestrowanie się na zajęcia,
- składanie podań,
- wypełnianie ankiet związanych z tokiem studiów lub konkretnymi zajęciami,
- komunikację w ramach grup zajęciowych,
- otrzymywanie informacji o stypendiach i płatnościach.

Nauczyciele akademicy mogą korzystać między innymi z następujących funkcji serwisu:

- wystawianie ocen (wypełnianie protokołów do zajęć),
- wprowadzanie wyników sprawdzianów,
- wysyłanie wiadomości do uczestników zajęć.

Wszelkie uwagi proszę zgłaszać na adres: usos@usos.edu.pl

You can login to USOSweb using login and password **login1**. There are many valid accounts, login and password are always the same.

The Mobility module is available in the **STUDENT'S SECTION** and in the **STAFF SECTION**.

On the **partner institutions** page there is a list of partner institutions with their factsheets — uploaded locally (link **show from USOS**) or obtained from the partner by the EWP APIs (link **show from partner**). The filter in the upper part of the page allows limiting the list to the institutions with institution factsheets and/or unit factsheets. Factsheets are opened in a new tab.

USOSweb

NEWS DIRECTORY MY USOSWEB STUDENT'S SECTION STAFF SECTION COMMON SECTION ADMINISTRATION

INTRODUCTION

MY PROFILE

TESTS

EXAM REPORTS

EDITING COURSES

EXAMS

POSTULATES

OPINIONS ON APPLICATIONS

STUDENT MOBILITY

- ▶ coordinated faculties
- ▶ **partner institutions**
- ▶ university's agreements
- ▶ my commissions
- ▶ my opinions

APPLICATIONS COORDINATING

SURVEYS RESULTS

Partner institutions

i This page displays foreign higher education institutions with which DEMO University has signed at least one agreement for international exchange that fulfills the following criteria:

- agreement comes into effect within a year from now,
- end date is later than today or is not determined.

FILTER OPTIONS

Country:

City:

Institution name (in native language):

Institution name (in English):

Erasmus code:

Factsheet (for institutions and/or units):

CLEAR FILTERS APPLY

Showing elements 1..7 (out of 7)

No.	Country and city	Erasmus code	Institution name	Institution name (Eng.)	Web page	Factsheet
1	Belgium (Antwerp)	B ANTWERP01	Universiteit Antwerpen <small>(show units)</small>	University of Antwerp	http://www.ua.ac.be	show from partner show from USOS
2	Belgium (Gent)		Universiteit Gent <small>(show units)</small>	Ghent University		show from USOS
3	Portugal (Porto)	P PORT002	Universidade do Porto <small>(show units)</small>	University of Porto	http://www.up.pt	show from partner
4	Russia (Ulan-Ude)		Бурятский государственный университет	Buryat State University	http://www.bsu.ru/	show from USOS
5	Sweden (Lund)	S LUND01	Lunds Universitet <small>(show units)</small>	Lund University	http://www.lu.se	show from partner show from USOS
6	Sweden (Umea)	S UMEA01	Umea Universitet <small>(show units)</small>	Umea University	http://www.umu.se	show from partner
7	Switzerland (Geneva)	CH GENEVE01	Université de Geneve <small>(show units)</small>	University of Geneva	http://www.unige.ch	show from USOS

Link **show units/hide units** allows a user to toggle between the two views — with the list of the organizational units of the institution shown or hidden.

No.	Country and city	Erasmus code	Institution name	Institution name (Eng.)	Web page	Factsheet
1	Belgium (Antwerp)	B ANTWERP01	Universiteit Antwerpen <small>(show units)</small>	University of Antwerp	http://www.ua.ac.be	show from partner show from USOS
2	Belgium (Gent)		Universiteit Gent <small>(show units)</small>	Ghent University		show from USOS
3	Portugal (Porto)	P PORTO02	Universidade do Porto <small>(hide units)</small>	University of Porto	http://www.up.pt	show from partner
No.	Unit name	Web page			Factsheet	
1	Dept. of Portuguese and Romance Studies					
2	Digital University Rectorate					
3	Faculdade de Direito				show from partner	
4	Faculdade de Farmácia	https://sigarra.up.pt/ffup/en/web_base.gera_pagina?p_pagina=coopera%C3%A7%C3%A3o			show from partner	
5	Faculdade de Letras					
6	Faculty of Psychology and Educational Sciences					
7	International Relations Office					
4	Russia (Ulan-Ude)		Бурятский государственный университет	Buryat State University	http://www.bsu.ru/	show from USOS
5	Sweden (Lund)	S LUND01	Lunds Universitet <small>(show units)</small>	Lund University	http://www.lu.se	show from partner show from USOS
6	Sweden (Umea)	S UMEA01	Umea Universitet <small>(show units)</small>	Umea University	http://www.umu.se	show from partner
7	Switzerland (Geneva)	CH GENEVE01	Université de Geneve <small>(show units)</small>	University of Geneva	http://www.unige.ch	show from USOS

Databases of the two applications — USOSadm and USOSweb — are synchronized automatically or on demand.

It is worth mentioning that the same installation of USOSweb fully supports EMREX, i.e. contains all three parts of it — **EMREX client**, **SMP** (Student Mobility Plugin) and **NCP** (National Contact Point).

7. Testing mobility scenarios in two DEMO installations

University of Warsaw runs two DEMO installations with EWP connectors:

1. DEMO (with SCHAC demo.usos.edu.pl) – **University of Warsaw**, in short UW, <https://usosadm.demo.usos.edu.pl/usosadm/>.
2. HEI DEMO (with SCHAC hei.demo.usos.edu.pl) – **Higher Education Institution**, in short HEI, <https://usosadm-hei.demo.usos.edu.pl/usosadm/>.

In this chapter we show how the EWP Network supports real life mobility scenarios.

7.1. Partner institutions

The first scenario starts when UW decides to sign an agreement with the new partner – HEI. This will be the first agreement between these two institutions.

UW first checks in the local system (USOSadm) if HEI is connected to the EWP Network. HEI runs a fully functional EWP connector with many supported APIs. This will allow UW to exchange data with HEI using the EWP Network.

International cooperation > EWP - partner institutions Logged in user: JMD (Role: PELNA)

[? Help](#)

No	Name	SCHAC code	PIC	ERASMUS code	EUC number	Previous SCHAC values
4	Higher Education Institution	hei.demo.usos.edu.pl				

[First](#)
[«](#)
[»](#)
[2](#)
[3](#)
[4](#)
[5](#)
[6](#)
[»](#)
[Last](#)
1

Implemented APIs

No	Name	Technical name	Version
1	Incoming Mobilities	imobilities	0.1.1
2	Echo	echo	2.0.0
3	Incoming Mobility CNR	imobility-cnr	0.1.0
4	Outgoing Mobility CNR	omobility-cnr	0.4.0
5	Discovery	discovery	4.1.0
6	Interinstitutional Agreements	ias	2.0.0
7	Courses	courses	0.7.0
8	Institutions	institutions	2.0.0
9	Interinstitutional Agreement CNR	ia-cnr	2.0.1
10	Incoming Mobility ToRs	imobility-tors	0.7.0
11	Organizational Units	organizational-units	2.0.0
12	Outgoing Mobilities	omobilities	0.13.0
13	Incoming Mobility ToR CNR	imobility-tor-cnr	0.1.0

UW enters HEI to the local system with the minimal information – name, SCHAC.

Dictionary > Nationwide dictionaries > Institutions Logged in user: JMD (Role: PELNA)

[+ Add](#) [Set the filter](#) [? Help](#)

Institutions -- External units -- -- Factsheets --

No	Name in national language	Name in English	PIC	ERASMUS	POL-on cod	hei	Institution	Ty
1	Higher Education Institution						hei.demo.usos.edu.pl	UZ

[First](#)
[«](#)
[»](#)
[Last](#)
10

Details | [Address](#) | [Telephones](#) | [External units](#) | [External persons](#) | [Logo](#) | [Factsheet](#) | [Mobility tool](#)

<p>Name in national language: Higher Education Institution</p> <p>Name in English:</p> <p>Type of institution: Foreign university</p> <p>Parent unit:</p> <p>Participant Identity Code:</p> <p>ERASMUS code:</p> <p>POL-on code:</p> <p>SCHAC code: hei.demo.usos.edu.pl</p> <p>Institution code:</p> <p>Institution code in HR system:</p> <p>NUTS region:</p> <p>WWW:</p> <p>E-mail:</p> <p>E-mail addresses for nominations:</p> <p>Display: Yes</p> <p>Is public entity:</p> <p>Is non-profit:</p>	<p>Legal status:</p> <p>Legal status in English:</p> <p>Grading scale:</p> <p>Grading scale in English:</p>
--	---

[Edit](#) [Get data from EWP](#)

The other data can be obtained electronically via the EWP Network: data on the institution level and units of HEI.

? Help

Data from EWP

SCHAC code: `hei.demo.usos.edu.pl`

Name in national language:* Higher Education Institution (pl) ↻

Name in English: Higher Education Institution ↻

Participant Identity Code: 999642716 ↻

ERASMUS code: PL WARSAW30 ↻

Factsheet: https://usosapps-hei.demo.usos.edu.pl/services/fac/factsheet_get?fac_id=00000000 (en) ↻

WWW: `http://usos.edu.pl` ↻

Logo: <https://usosapps-hei.demo.usos.edu.pl/res/r/200x200/dd4b21e9ef71e1291183a46b913aef2-2840ce3d9caf44eb6db74e91499fcb234b29fb9.jpg>

Data in USOS

`hei.demo.usos.edu.pl`

Higher Education Institution

Bytes remaining:2000

Characters remaining:100

Correspondence address

Country: ✕ Choose

Foreign code: ↻

City/village: ↻

Street: ↻

House number: ↻

Address type:*

Building address

Country: PL

Foreign code: 02097

City/village: Warszawa (Ochota)

Street: Banacha

House number: 2

Not stored in USOS

* - required fields

? Help

Data from EWP

en College of Inter-faculty Studies in the Humanities Add

pl Kolegium Międzywydziałowych Indywidualnych Studiów Humanistycznych

code 70401200

en College of Inter-Faculty Individual Studies in Mathematics and Natural Sciences (MISMaP) Add

pl Kolegium Międzywydziałowych Indywidualnych Studiów Matematyczno-Przyrodniczych

code 40130000

en University of Warsaw Add

pl Higher Education Institution

code 00000000

en Institute of Philosophy Add

pl Instytut Filozofii

code 35010000

en Institute of Archaeology Add

pl Instytut Archeologii

code 31010000

en Institute of Experimental Physics Add

pl Instytut Fizyki Doświadczalnej

code 11010000

en Institute of Journalism Add

pl Instytut Dziennikarstwa

code 21010000

en Centre for Local Government and Development Studies Add

pl Centrum Studiów Samorządu Terytorialnego i Rozwoju Lokalnego

code 40070000

en Centre for Europe Add

pl Centrum Europejskie

code 40030000

en Institute of Polish Culture Add

pl Instytut Kultury Polskiej

code 30020000

Data in USOS

* - required fields

Close

Dictionary > Nationwide dictionaries > Institutions

Logged in user: JMD (Role: PELN)

+ Add

Institutions

-- External units --

No	Name in national language	Name in English	PIC	ERASMUS c	POL-on cod	hei	Institution c	Ty
1	Higher Education Institution	Higher Education Institution	999642716	PL WARSAW30		hei.demo.usos.edu.pl		UZ

First << >> Last

10

Details Address Telephones External units External persons Logo Factsheet Mobility Tool

+ Add Get data from EWP ? Help

Factsheet

No	Name in national language	Name in English	WWW	Notes	File	URL address	Notes
1	Wydział Chemii	Faculty of Chemistry	http://www.chem.uw.edu.pl	[EWP 04.01.2018] ADRES BUDY...	No		
2	Wydział Nauk Ekonomicznych	Faculty of Economic Sciences	http://www.wne.uw.edu.pl	[EWP 04.01.2018] ADRES BUDY...	No		
3	Wydział Psychologii	Faculty of Psychology	http://www.psych.uw.edu.pl	[EWP 04.01.2018] ADRES BUDY...	No		

First << >> Last

10

UW decides to copy only some of the departments – those involved in the mobility.

Add external unit

? Help

Data from EWP

Name in national language: * Wydział Nauk Ekonomicznych (pl)

Name in English: Faculty of Economic Sciences

Factsheet:

WWW: http://www.wne.uw.edu.pl

Notes:

Data in USOS

Wydział Nauk Ekonomicznych

Faculty of Economic Sciences

Bytes remaining:2000

http://www.wne.uw.edu.pl

Characters remaining:176

[EWP 04.01.2018] ADRES BUDYNKU: Długa 44/50, 00241, Warszawa/[EWP]

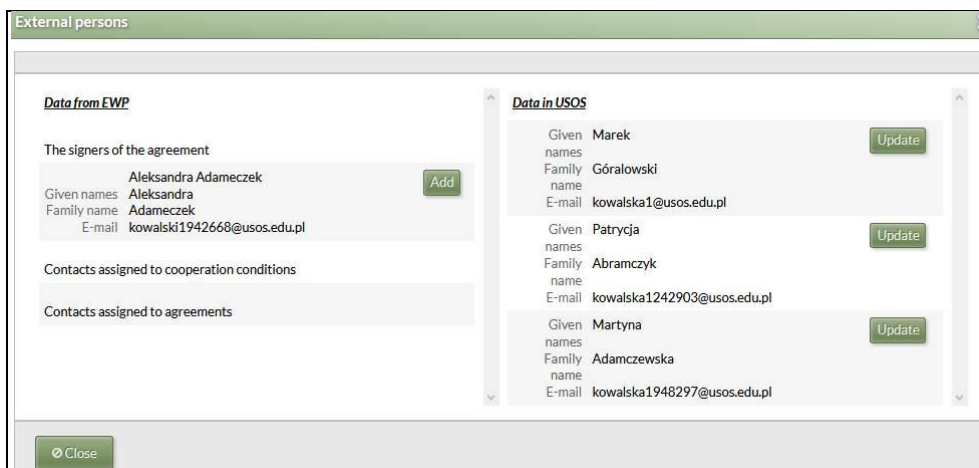
Bytes remaining:1933

* - required fields

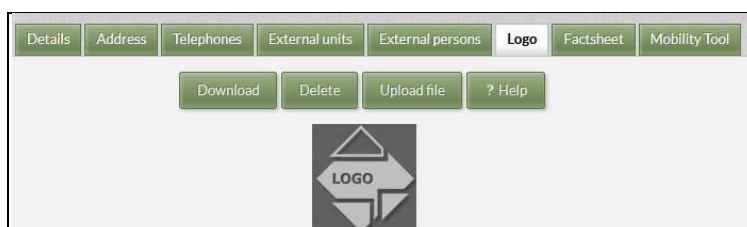
Save Cancel

Note that some data, like address of the unit of the institution, is copied as **Notes**, since there is no separate field for it in the local system. It happens in various places – the designers decided to store the data locally as text notes, not in a structured form.

External persons are obtained from the partner from contexts related to international cooperation, i.e. from the *signers of the agreement, contacts assigned to cooperation conditions and contacts assigned to agreements*. So it makes sense to get these data from the partner while exchanging agreements.



Logo is sent as URL, but the local system expects the image. If we really want to store logo of the partner we may download it locally and then upload to the system.



The operation of getting the data from the partner can be repeated any time. For example, the partner can send e-mail message to all mobility partners asking them to download the newly posted factsheet, for the new academic year. Data on the institution and organizational units level do not change often, so we have not designed system notifications for that range of data.

For testers – in USOS factsheets and organizational units are edited in **Dictionary** → **Organizational units** → **Organizational Units** form. The other data are handled in **International cooperation** → **Dictionaries** → **Institutions**.

7.2. Agreements

UW enters the draft version of the agreement with HEI to the local system with local information only. The rest will be added by the partner and then synchronized between both systems. The agreement is signed under the ERASMUS+ programme.

Add agreement

? Help

Type of agreement: *

Date of signing: *

Number: *

Start date: *

Expiration date:

Status: *

Migrate: *

Foreign higher education institution or external institution: Higher Education Institution

ERASMUS code:

City/village: Warszawa (Ochota)

Country: Polska

Continent: Europa

External institutional coordinator:

Institutional coordinator of the home institution: Marek Góralowski

Person:

Notes:

Bytes remaining: 4000

* - required fields

Add cooperation condition

Type: *

Start date: *

End date:

Country: * Polska

Departures:

Study level:

Number of persons:

Number of person-months:

Number of days:

Number of hours:

Arrivals:

Study level:

Number of persons:

Number of person-months:

Number of days:

Number of hours:

Details:

All domains:

Domain: (04700) Marketing i zarządzanie (ISCED code: 0414)

Organizational unit: 27000000 (Wydział Dziennikarstwa, Informacji i Bibliologii)

Agreement coordinator of the home institution: Przemysław Gałązka

Agreement coordinator of the partner institution:

Notes:

Characters remaining: 200

* - required fields

This is the new agreement with the cooperation conditions.

International cooperation > Agreements Logged in user: JMD (Role: PELNA)

New EWP notifications

Agreements filter

Agreements

No	-- Type --	Number	Date of signing	Start date	Expiration date	-- all statuses --	Migrate	Actions
1	Bilateral	BI/1/18	01.01.2018	01.01.2018	01.01.2020	podpisana	Yes	<input type="button" value="Actions"/>

First << < 1 2 > >> Last

Details Projects Units **Cooperation conditions**

Include an organizational unit filter

No	Type	Start date	End date	Country	ISCED	Level	Departures:				Arrivals:					
							Persons	Pers-month	Days	Hours	Level	Persons	Pers-month	Days	Hours	
1	studenci-studia	01.01.2018	01.01.2020	Polska	0414	trzeci	5				trzeci	5				
2	studenci-studia	01.01.2018	01.01.2020	Polska	0410	drugi	3				drugi	3				

First << < > >> Last

Details

All domains: No
 Domain: 04.7 (Marketing i zarządzanie)
 ISCED code: 0414 (Marketing i reklama)

Organizational unit: (27000000) Wydział Dziennikarstwa, Informacji i Bibliologii
 Agreement coordinator of the home institution: Przemysław Gałązka
 Agreement coordinator of the partner institution: [Go to external persons](#)

Languages

Add Departures			Add Arrivals		
No	Language	Level	No	Language	Level
1	angielski	B2	1	polski	B2

UW informs the partner by sending notification via EWP that the draft of the agreement is ready.

No new notifications

Agreements filter

Agreements

No	-- Type --	Number	Date of signing	Start date	Expiration date	-- all statuses --	Migrate	Actions
1	Bilateral	BI/1/18				podpisana	Yes	<input type="button" value="Actions"/>

Warning

Are you sure you want to notify the partner about the change?

First << < > >> Last

HEI obtains notification.

There are new EWP notifications from demo.usos.edu.pl Logged in user: JMD (Role: PELNA)

New EWP notifications

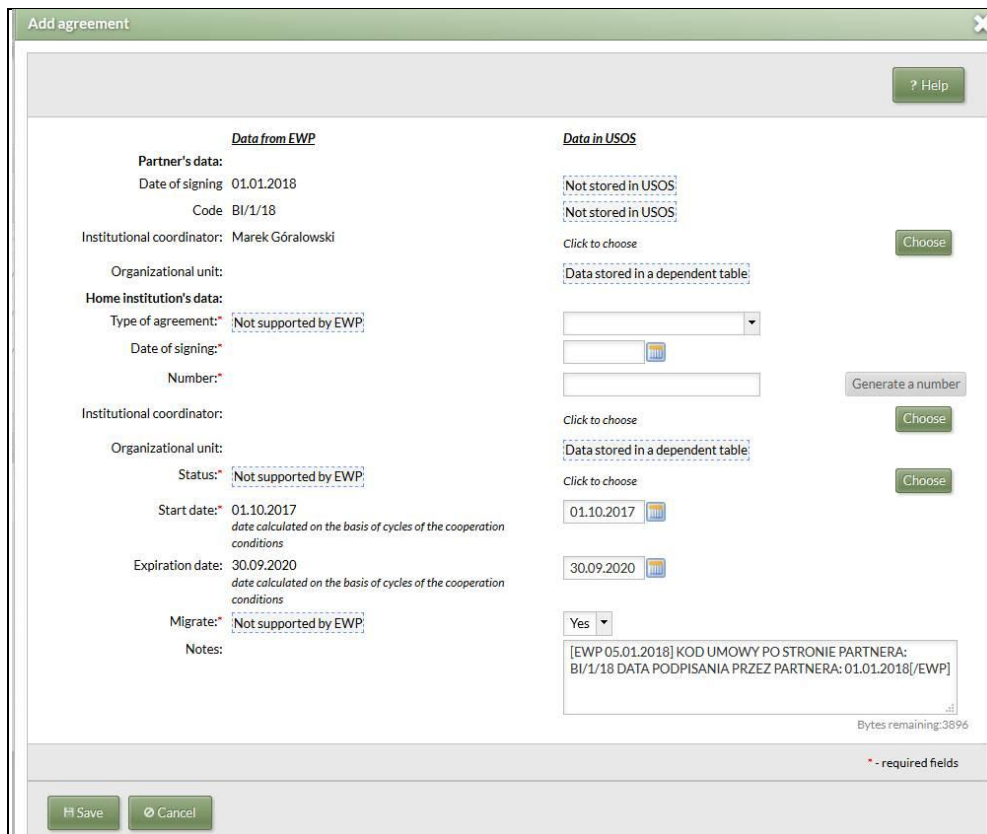
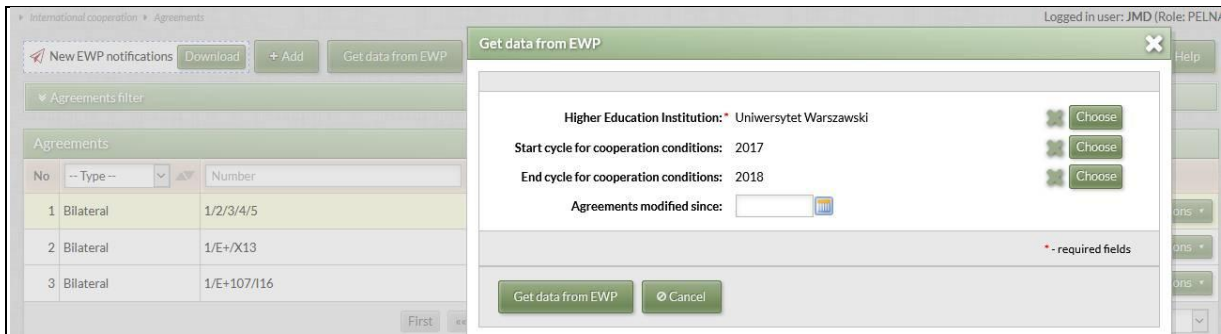
Agreements filter

Agreements

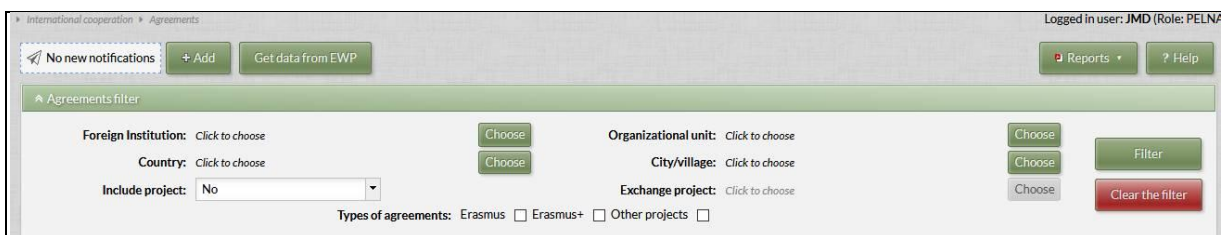
No	-- Type --	Number	Date of signing	Start date	Expiration date	-- all statuses --	Migrate	Actions
1	Bilateral	1/2/3/4/5	23.09.2014	01.10.2014	30.09.2020	podpisana	Yes	<input type="button" value="Actions"/>
2	Bilateral	1/E+/X13	21.10.2013	01.07.2014	30.09.2021	podpisana	Yes	<input type="button" value="Actions"/>
3	Bilateral	1/E+107/116	28.01.2016	28.01.2016	30.09.2021	podpisana	No	<input type="button" value="Actions"/>

First << < 1 2 3 4 5 > >> Last

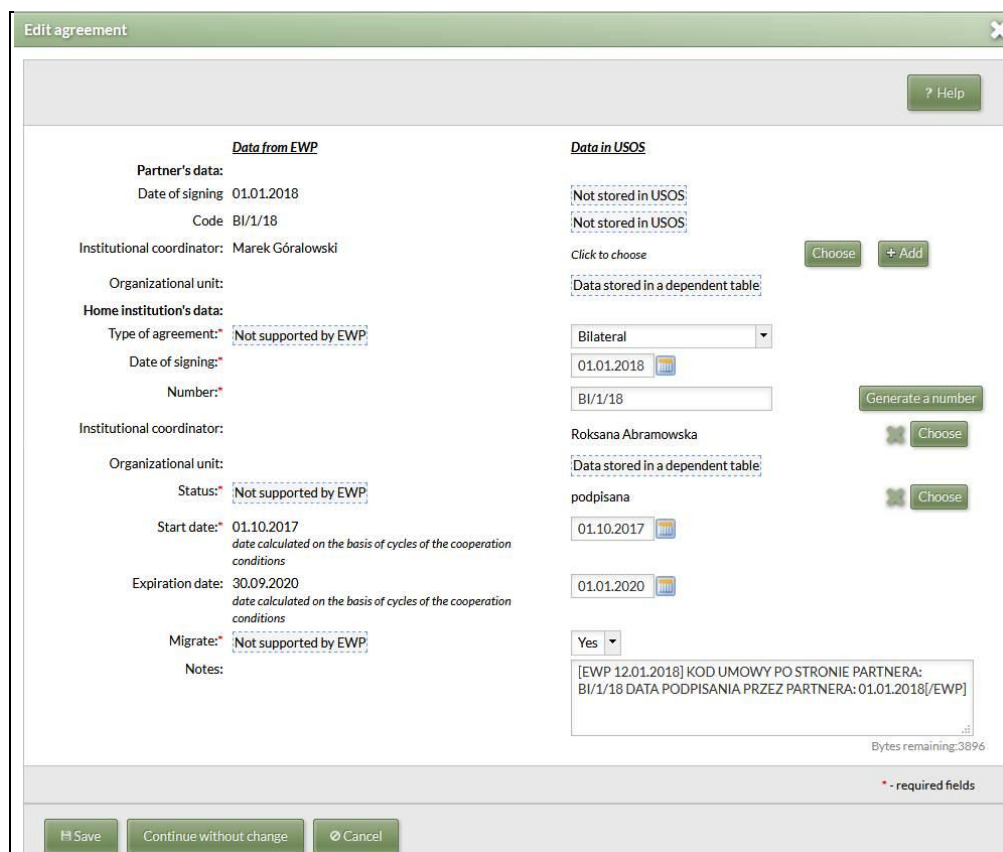
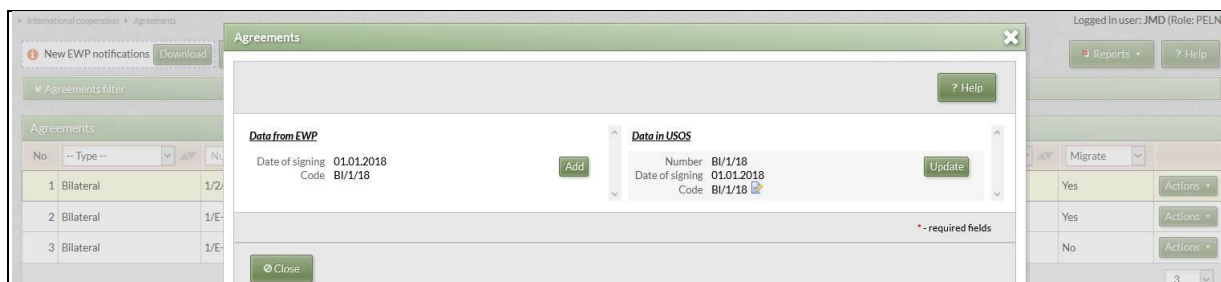
HEI gets the agreement electronically from UW via the EWP Network and stores the copy in the local system – can either use **Download** or **Get data from EWP**.



Read notification disappears from the web page.



The agreement may be updated later on any time – both partners may keep the same (official) code of the agreement or use a different code. Agreements sent by EWP are internally identified by a global identifier (ID_EWP).



The external institutional coordinator may be added (**Add** button) to the system and linked to the agreement. If the coordinator is already stored in the local system, **Choose** button should be used.

Organizational unit in the **Partner's data** section, if given, refers to the unit within the partners HEI's organizational structure, which is the actual partner of this agreement. Agreements can be signed between units, not only between HEIs (UW does not have such agreements).

Cooperation conditions ? Help

Data from EWP

Type: studenci-studia
 Cycles: 2017/2018, 2018/2019, 2019/2020
 ISCED code: 0414
 Arrivals (to PL): Pers. Months Days Level
 5
 Languages

[Add](#)

Type: studenci-studia
 Cycles: 2017/2018, 2018/2019, 2019/2020
 ISCED code: 0414
 Departures (from PL): Pers. Months Days Level
 5
 Languages

[Add](#)

Type: studenci-studia
 Cycles: 2017/2018, 2018/2019, 2019/2020
 ISCED code: 0410
 Arrivals (to PL): Pers. Months Days Level
 4
 Languages

[Add](#)

Type: studenci-studia
 Cycles: 2017/2018, 2018/2019, 2019/2020
 ISCED code: 0410
 Departures (from PL): Pers. Months Days Level
 4
 Languages

[Add](#)

Data in USOS

* - required fields

[Cancel](#)

Cooperation conditions ? Help

Data from EWP

Type: studenci-studia
 Cycles: 2017/2018, 2018/2019, 2019/2020
 ISCED code: 0414
 Arrivals (to PL): Pers. Months Days Level
 5
 Languages

[Add](#)

Type: studenci-studia
 Cycles: 2017/2018, 2018/2019, 2019/2020
 ISCED code: 0414
 Departures (from PL): Pers. Months Days Level
 5
 Languages

[Add](#)

Type: studenci-studia
 Cycles: 2017/2018, 2018/2019, 2019/2020
 ISCED code: 0410
 Arrivals (to PL): Pers. Months Days Level
 4
 Languages

[Add](#)

Type: studenci-studia
 Cycles: 2017/2018, 2018/2019, 2019/2020
 ISCED code: 0410
 Departures (from PL): Pers. Months Days Level
 4
 Languages

[Add](#)

Data in USOS

Type: **studenci-studia** [Choose](#)

Start date: 01.10.2017 [calendar](#)

End date: 30.09.2020 [calendar](#)

Country: Polska [Choose](#)

Departures:

Study level: -- no value --

Number of persons: Number of person-months:

Number of days: Number of hours:

Arrivals:

Study level: pierwszy

Number of persons: 5 Number of person-months:

Number of days: Number of hours:

Details:

All domains: Yes

Domain: [Click to choose](#) [Choose](#)

Organizational unit: [Click to choose](#) [Choose](#)

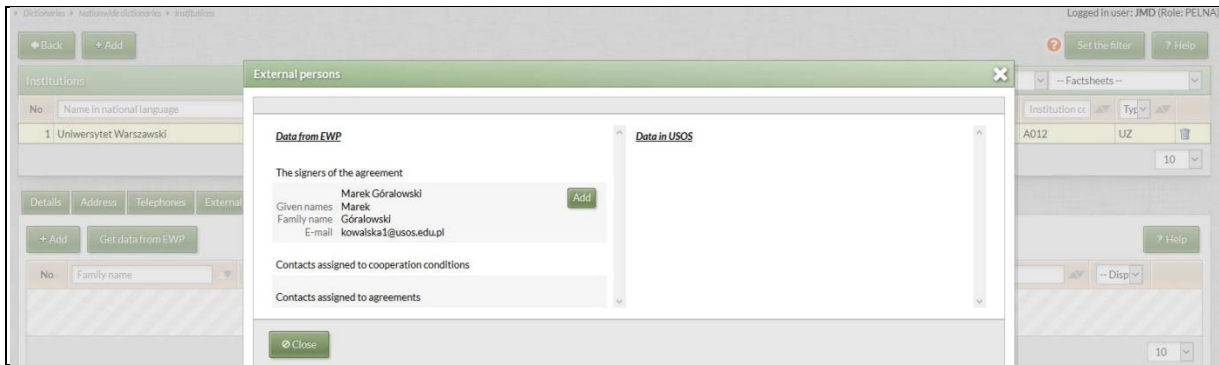
Agreement coordinator of the home institution: [Click to choose](#) [Choose](#)

Agreement coordinator of the partner institution: [Click to choose](#) [Choose](#)

* - required fields

[Cancel](#)

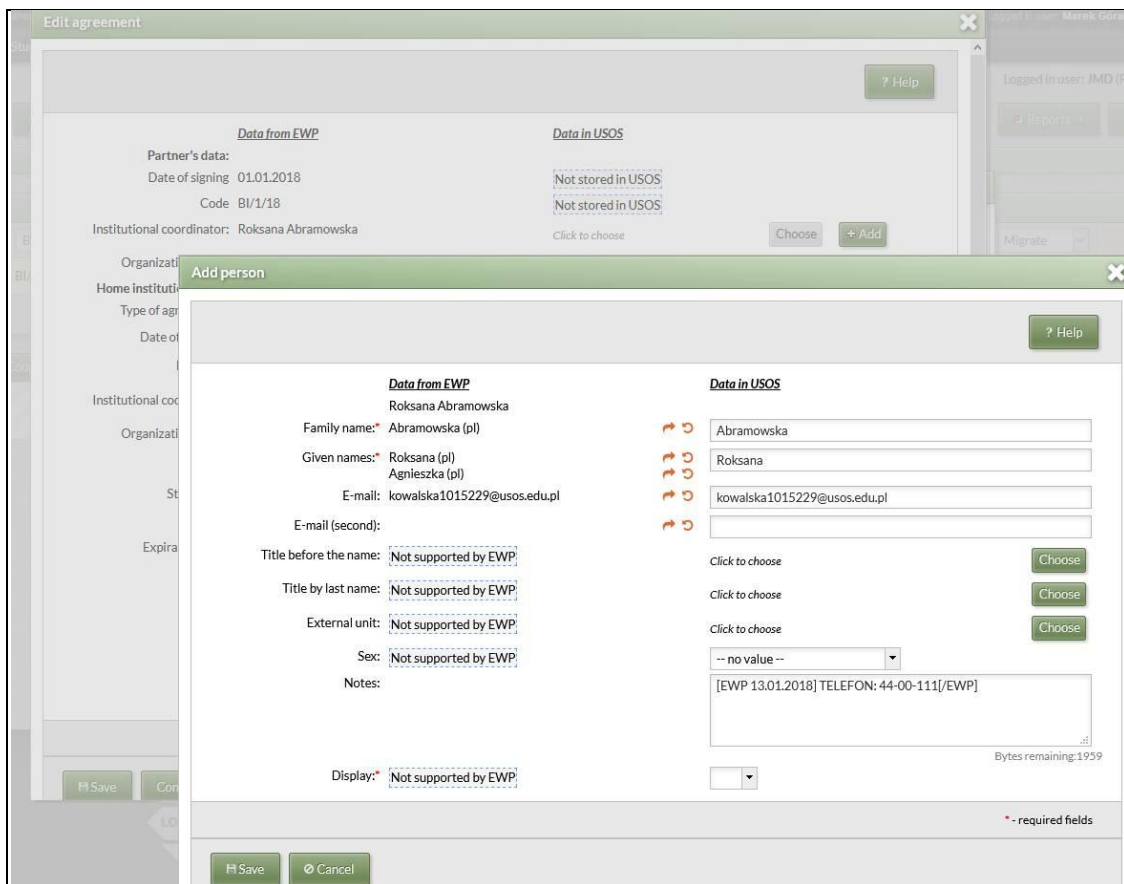
In HEI



In UW



Now UW can get information about the coordinators from HEI and other changes. Both partners can synchronise their copies of the agreement before it is finally approved and printed to be signed.



7.3. Nominations

Note: the nomination must be in a status 'Active' (this may change in the future, but for the moment IRO decided that way).

UW nominates one of the students for spending winter semester 2017 in HEI.

The screenshot shows the 'Departures' section of a system interface. At the top, there are navigation tabs for 'Notifications of dates', 'TOR notifications', and 'Replies to nominations'. Below these are search filters and a table of people. The table has columns for 'No', 'Brzezińska', 'danuta', 'PESEL', 'Main student', 'Main program', and 'Person's unit'. The first row shows student ID 1, name Brzezińska, Danuta, PESEL 64022034104, student ID 123451263, program ZD-HUM (Humanistyczne Studia Doktoranckie w zakresie nauk o polityce), and unit 21000000. Below the table, there is a detailed view for the year 2017, including application and departure information.

No	Brzezińska	danuta	PESEL	Main student	Main program	Person's unit
1	Brzezińska	Danuta	64022034104	123451263	ZD-HUM (Humanistyczne Studia Doktoranckie w zakresie nauk o polityce)	21000000

2017 Add

Folder number: 100008554/1/2/3 Organizational unit: 22000000 (Wydział Prawa i Administracji) Foreign Higher Education Institution: Higher Education Institution ERASMUS code: PL WARSAW50 City/village: Warszawa (Ochota) Country: Polska Agreement: BI/1/18 Type of agreement: Bilateral Type of cooperation: studenci-studia Cooperation level: drugi Domain: 10000 Prawo ISCED code: 0421 Prawo In second round: No Agreement with student: Yes Erasmus in the past: No Speaks Polish: Yes Classes in the official language: Yes Type of departure: Studies Status: Active Reasons for resignation:	Application information Program: DM-SM-ISM Type of study: Jednolite magisterskie Study mode: Stacjonarne Year of study: 4 Departure information Program: Type of study: Study mode: Year of study: Academic year: 2017 Academic year of funding: 2017 Scholarships group: Trzecia stawka stypendialna (najniższa) Disability subsidy: No Co-financing from organizational unit: None Received scholarships: Other If other, then which: Opis otrzymanego stypendium	Date of granting: 07.03.2017 Duration of the intended stay: Winter semester Duration of the intended stay - comment: Stay from: 30.08.2017 Stay to: 02.02.2018 Date of return: Actual date of departure: Actual date of return: Prolongation/Shortening: Number of months with scholarship: 5, days: 150 Number of months of prolongation: Number of months without scholarship: 0.17, days: 5 Notes (visible in USOSweb): Notes (not visible in USOSweb):
---	--	---

UW notifies the partner.

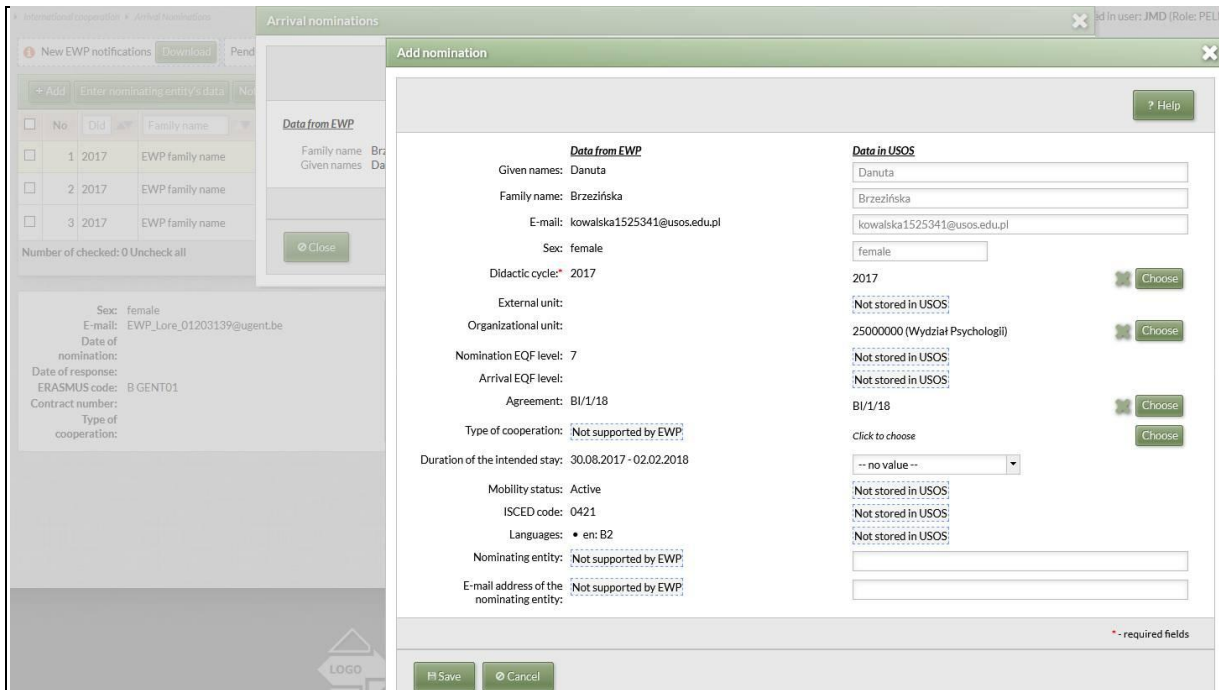
This screenshot is similar to the previous one, showing the same nomination details for student Danuta Brzezińska. The key difference is the presence of a 'Notify the partner about the change' button at the bottom of the details section, along with a 'Get actual stay dates' button. The '2017 Add' header and the detailed information fields are identical to the previous screenshot.

Nominations are displayed in **Arrival nominations** and **Arrivals**. When the nomination is obtained in one place, next time it is not be displayed in the second place.

HEI gets the notification.



Gets the nomination via EWP.



HEI edits the new nomination.

Note: changes in nominations can not be transferred to the partner. There is no API for that. The receiving institution can only notify the partner about:

- change in status (accept/reject and comment) – this one makes sense in **Arrival nominations**;
- change in arrival/departure dates – this one makes sense in **Arrivals**.

International cooperation > Arrival Nominations

New EWP notifications Download Pending nomination

+ Add Enter nominating entity's data Notify the partner

No	Did	Family name	Given name
<input type="checkbox"/>	1	2017	Brzezińska Danuta
<input type="checkbox"/>	2	2017	EWP family name Lore
<input type="checkbox"/>	3	2017	EWP family name Sanne
<input type="checkbox"/>	4	2017	EWP family name Guus

Number of checked: 0 Uncheck all

Sex: female
 E-mail: kowalska1525341@usos.edu.pl
 Date of nomination: 13.01.2018 00:43
 Date of response: PL WARSZAW01
 ERASMUS code: BI/1/18
 Contract number: BI/1/18
 Type of cooperation:

Edit nomination

Didactic cycle: 2017 (Rok akademicki 2017/18)

Family name:

Given names:

Foreign Higher Education Institution: Uniwersytet Warszawski

Agreement: BI/1/18

Type of cooperation: studenci-studia (Study level: drugi)

Duration of the intended stay: Winter semester

Organizational unit: 25000000 (Wydział Psychologii)

Verified: itive

Sex: female

E-mail:

Nominating entity:

E-mail address of the nominating entity:

Date of nomination: 13.01.2018 00:43

Comment:
Characters remaining: 185

Notes:
Bytes remaining: 2000

Logged in user: JMD (Role: PELN)

HEI notifies the partner about change in status of the nomination by EWP.

International cooperation > Arrival Nominations

New EWP notifications Download Pending nominations Show Get data from EWP

+ Add Enter nominating entity's data No

No	Did	Family name	Given names	Verified	Date of previous answer	Comment
<input checked="" type="checkbox"/>	1	2017	Brzezińska	positively		Almost accepted
<input type="checkbox"/>	2	2017	EWP family name			
<input type="checkbox"/>	3	2017	EWP family name			
<input type="checkbox"/>	4	2017	EWP family name			

Number of checked: 1 Uncheck all

Warning

Clicking the "Send" button will send decisions on the following nominations.

No	Given names	Family name	Verified	Date of previous answer	Comment
1	Danuta	Brzezińska	positively		Almost accepted

Do you want to continue?

Logged in user: JMD (Role: PELN)

HEI also sends an email.

International cooperation > Arrival Nominations

New EWP notifications Download Pending nominations Show Get data from EWP

+ Add Enter nominating entity's data No

No	Did	Family name	Given names	Verified	Sent	Marked as answered
<input checked="" type="checkbox"/>	1	2017	Brzezińska	positively	✓	✓
<input type="checkbox"/>	2	2017	EWP family name			
<input type="checkbox"/>	3	2017	EWP family name			
<input type="checkbox"/>	4	2017	EWP family name			

Number of checked: 1 Uncheck all

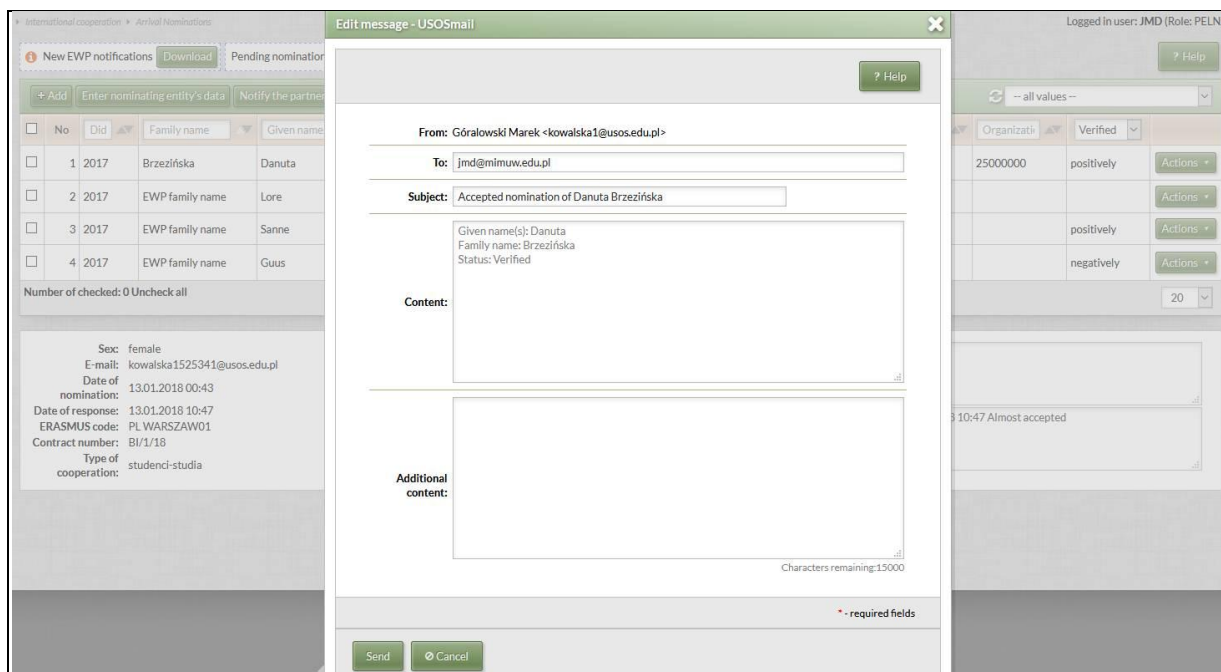
Summary

Successfully sent to the partner a decision on the selected nominations.

Family name	Given names	Verified	Sent	Marked as answered
Brzezińska	Danuta	positively	✓	✓

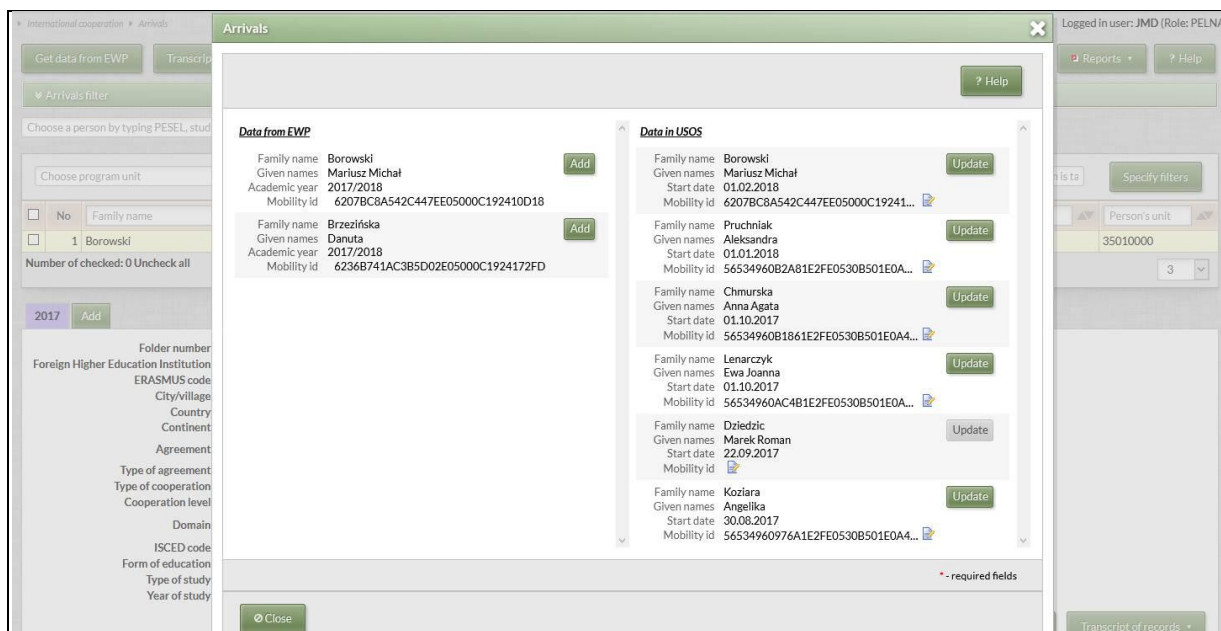
Do you also want to send the decision by e-mail?

Logged in user: JMD (Role: PELN)



UW clicks **Replies to nominations** (which sets the filter *people with unread replies to nominations*).

New nominations may be accepted either as *arrival nominations* or as *arrivals*.



When accepting nomination as arrival nomination, we may later on move it to arrivals (this is like keeping nominations in the buffer area to have time for making decisions).

International cooperation > Arrival Nominations

Logged in user: JMD (Role: PELN)

New EWP notifications Download Pending nominations Show Get data from EWP

+ Add Enter nominating entity's data Notify the partner Send a message Accept Reject

No	Did	Family name	Given names	Country	Higher Education Institution	Name in English	Durati	Organizati	Verified
<input checked="" type="checkbox"/>	1	2017	Brzezińska	Danuta	Polska	Uniwersytet Warszawski	University of Warsaw	Winter semester	
<input type="checkbox"/>	2	2017	EWP family name	Lore	Belgia	Universiteit Gent	Ghent University		
<input type="checkbox"/>	3	2017	EWP family name	Sanne	Belgia	Universiteit Gent	Ghent University		
<input type="checkbox"/>	4	2017	EWP family name	Guus	Belgia	Universiteit Gent	Ghent University	Winter semester	negatively

Number of checked: 1 Uncheck all

First << < > >> Last

International cooperation > Arrival Nominations

Logged in user: JMD (Role: PELN)

New EWP notifications Download Pending nominations Show Get data from EWP

+ Add Enter nominating entity's data Notify the partner

No	Did	Family name	Given names
<input checked="" type="checkbox"/>	1	2017	Brzezińska Danuta
<input type="checkbox"/>	2	2017	EWP family name Lore
<input type="checkbox"/>	3	2017	EWP family name Sanne
<input type="checkbox"/>	4	2017	EWP family name Guus

Number of checked: 1 Uncheck all

Sex: female
E-mail: kowalska1525341@usos.edu.pl
Date of nomination: 13.01.2018 00:43
Date of response: 13.01.2018 10:47
ERASMUS code: PL_WARSZAW01
Contract number: BU/1/18

Add arrival

Personal data from nomination:
Given names: Danuta
Family name: Brzezińska
Sex: female

Data from EWP:
Given names: Danuta
Family name: Brzezińska
Date of birth: 20.02.1964
Start date: 30.08.2017
End date: 02.02.2018
Mobility status: Active

Person: * Click to choose Choose + Add

Start date: * 30.08.2017

End date: * 02.02.2018

Arrival type: * Studies

Academic year of study: * 2017 Choose

Academic year of funding: * Click to choose Choose

* - required fields

Save Save and go to arrivals Cancel

25000000 positively Actions
positively Actions
negatively Actions

10:47 Almost accepted

While moving the nomination to arrivals we do **Get data from EWP** again so in the upper part of the above window you can see on the left the personal data from the nomination and on the right the newest data from the partner.

Accepting the new student we may either add it to the local system (button **Add**) or choose the matching person already stored locally (button **Choose**). We want to avoid duplicates of the same person.

Main People Employees Students Payments Dictionaries Token registrations USOSmail International cooperation mobile USOS Administration Service

International cooperation > Arrival Nominations

Logged in user: JMD (Role: PELN)

New EWP notifications Download Pending nominations Show Get data from EWP

+ Add Enter nominating entity's data Notify the partner

No	Did	Family name	Given names
<input checked="" type="checkbox"/>	1	2017	Brzezińska Danuta
<input type="checkbox"/>	2	2017	EWP family name Lore
<input type="checkbox"/>	3	2017	EWP family name Sanne
<input type="checkbox"/>	4	2017	EWP family name Guus

Number of checked: 1 Uncheck all

Sex: female
E-mail: kowalska1525341@usos.edu.pl

Add arrival

Personal data from nomination:
Given names: Danuta
Family name: Brzezińska
Sex: female

Data from EWP:
Given names: Danuta
Family name: Brzezińska
Date of birth: 20.02.1964
Start date: 30.08.2017
End date: 02.02.2018
Mobility status: Active

Person: * Click to choose Choose + Add

Choose person

Family name	Given name	Second name	Date of birth	Citizenship
Brzezińska	Danuta		20.02.1964	PL

Choose

25000000 positively Actions
positively Actions
negatively Actions

10

Choose a person, then click **Save and go to arrivals**. Now the missing data can be entered, e.g.. **Date of arrival** and **Date of departure**.

International cooperation > Arrivals

Logged in user: JMD (Role: PELN)

Back Get data from EWP Transcript of records Set the filter Reports Help

Arrivals filter

Brzezińska Danuta Contact Interface number Contactless interface number

Choose program unit Choose program Choose stage Choose didactic cycle -- no filter -- Choose a place where program is ta Specify filters

No	Family name	Given name	PESEL	Main student nu	Main program	Person's unit
1	Brzezińska	Danuta	64022034104	123451263	ZD-HUM (Humanistyczne Studia Doktoranckie w zakresie nauk o polityce)	21000000

Number of checked: 0 Uncheck all

2017 Add

Folder number: Foreign Higher Education Institution: Unwersytet Warszawski
 ERASMUS code: PL WARSZAW01
 City/village: Warszawa
 Country: Polska
 Continent: Europa
 Agreement: BI/1/18
 Type of agreement: Bilateral
 Type of cooperation: studenci-studia
 Cooperation level: drugi
 Domain: 04000 Biznes i zarządzanie
 ISCED code: 0410 Biznes i administracja
 Form of education:
 Type of study:
 Year of study:

Academic year of study: 2017
 Academic year of funding: 2017
 Arrival type: Studies
 Duration of the intended stay: Winter semester
 Start date: 30.08.2017
 End date: 02.02.2018
 Date of arrival: 01.10.2017
 Date of departure: 01.02.2018
 Prolongation/Shortening:
 Reason:
 Number of months with scholarship:
 Number of months without scholarship:
 Status of the person:

Is Polonia: No
 Is Polonicum:
 Scholarships group:
 Administrative supervisor:
 E-mail:
 Phone:
 Academic supervisor:
 E-mail:
 Phone:
 Needs accommodation:
 Place of accommodation:
 Other place of accommodation: No
 Notes:

Edit Delete Transcript of records

Host units Finances Registrations Documents

Add

No	Code	Description
1	25000000	Wydział Psychologii

HEI notifies the partner about changes in arrival/departure dates. UW accepts the notification.

2017 Add

Edit departure dates

Date of granting: 07.03.2017
 Duration of the intended stay: Winter semester
 Intended stay - comment:
 Stay from: 30.08.2017
 Stay to: 02.02.2018
 Date of departure:
 Date of return:
 Actual date of departure:
 Actual date of return:
 Prolongation/Shortening:
 Number of months with scholarship: 5, days: 150
 Number of months with prolongation:
 Number of months without scholarship: 0.17, days: 5
 Notes (visible in USOSweb):
 Notes (not visible in USOSweb):

Data from EWP
 Actual date of departure: 01.10.2017
 Actual date of return: 01.02.2018

Data in USOS
 Actual date of departure:
 Actual date of return:
 Prolongation/Shortening:

Save Cancel

When the mobility ends, HEI generates Transcript of Records. This can be done per student or for a group of students.

International cooperation > Arrivals

Logged in user: JMD (Role: PELN)

Back Get data from EWP Transcript of records Set the filter Reports Help

Arrivals filter

Generate for all from the filter
 Generate for selected

agreement: BI/1/18 Choose

Filter Clear the filter

Choose a person by typing PESEL, student number or name Contact Interface number Contactless interface number

Choose program unit Choose program Choose stage Choose didactic cycle -- no filter -- Choose a place where program is ta Specify filters

No	Family name	Given name	PESEL	Main student nu	Main program	Person's unit
1	Borowski	Marlusz	70051050217	1234198437	DD-FF (Studia trzeciego stopnia, stacjonarne - Filozofia)	35010000
2	Brzezińska	Danuta	64022034104	123451263	ZD-HUM (Humanistyczne Studia Doktoranckie w zakresie nauk o polityce)	21000000

Number of checked: 2 Uncheck all

HEI notifies the partner about waiting ToRs.

UW obtains the notification.

International cooperation › Departures Logged in user: JMD (Role: PELNA)

[Notifications of dates](#) [Download](#)
[TOR notifications](#) [Download](#)
[Replies to nominations](#) [Show](#)

[Set the filter](#)
[Reports](#)
[Help](#)

2017 [Add](#)

<p>Folder number: 100008554/1/2/3 Organizational unit: 22000000 (Wydział Prawa i Administracji) Foreign Higher Education Institution: Higher Education Institution ERASMUS code: PL WARSAW30 City/village: Warszawa (Ochota) Country: Polska Agreement: BI/1/18 Type of agreement: Bilateral Type of cooperation: studenci-studia Cooperation level: drugi Domain: 10000 Prawo ISCED code: 0421 Prawo In second round: No Agreement with student: Yes Erasmus in the past: No Speaks Polish: Yes Classes in the official language: Yes Type of departure: Studies Status: Active Reasons for resignation:</p>	<p>Application information Program: DM-SM-ISM Type of study: Jednolite magisterskie Study mode: Stacjonarne Year of study: 4</p> <p>Departure information Program: Type of study: Study mode: Year of study: Academic year: 2017 Academic year of funding: 2017 Scholarships group: Trzecia stawka stypendialna (najniższa) Disability subsidy: No Co-financing from organizational unit: None Received scholarships: Other If other, then which: Opis otrzymanego stypendium</p>	<p>Date of granting: 07.03.2017 Duration of the intended stay: Winter semester Duration of the intended stay - comment: Stay from: 30.08.2017 Stay to: 02.02.2018 Date of departure: Date of return: Actual date of departure: 01.10.2017 Actual date of return: 01.02.2018 Prolongation/Shortening: Number of months with scholarship: 5, days: 150 Number of months of prolongation: Number of months without scholarship: 0.17, days: 5 Notes (visible in USOSweb): Notes (not visible in USOSweb):</p>
--	--	--

[Download saved file](#)
[Transcript of records](#)
[Get data from EWP](#)

7.4. Notifications in the user interface

1a. Agreements – sending (IIA CNR)

No	-- Type --	Number	Date of signing	Start date	Expiration date	-- all statuses --	Migrate	Actions
1	Bilateral	1/2/3/4/5	23.09.2014	01.10.2014	30.09.2020	podp		Edit
2	Bilateral	1/E+/X13	21.10.2013	01.07.2014	30.09.2021	podp		Delete
3	Bilateral	1/E+107/116	28.01.2016	28.01.2016	30.09.2021	podp		Notify the partner about the change

1b. Agreements – receiving (IIA get, index)

International cooperation › Agreements

[No new notifications](#)
[+ Add](#)
[Get data from EWP](#)

2a. Departures – sending (nominations) (OMobility CNR)

[Notify the partner about the change](#)
[EWP](#)
[Transcript of records](#)
[Get actual stay dates](#)

2b. Arrival Nominations – receiving (nominations) (Imobility get, index)

International cooperation › Arrival Nominations

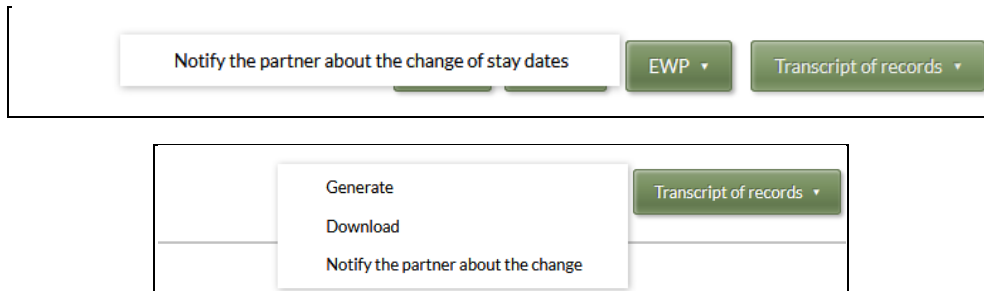
[No new notifications](#)
[Pending nominations](#) [Show](#)
[Get data from EWP](#)

2c. Arrivals – receiving (nominations) (Imobility get, index)

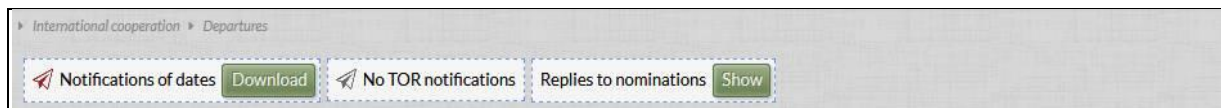
International cooperation › Arrivals

[No new notifications](#)
[Get data from EWP](#)
[Transcript of records](#)

3a. **Arrivals** – sending (dates of stay, ToRs) ((Imobility CNR, IMobility ToR CNR)



3b. **Departures** – receiving (Notifications of dates, ToR notifications) (OMobility get, index)

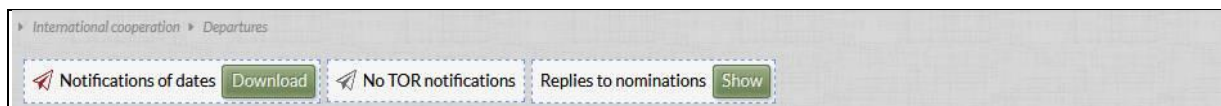


7.5. Updates in the user interface

4a. **Arrival Nominations** – sending (status of the nomination: accepted/rejected) (OMobility update-statuses)



4b. **Departures** – receiving (Replies to nominations – status of the nomination: accepted/rejected)



8. Mobility Tool+ APIs

There are APIs for importing data from the Mobility Tool+. It is assumed that these API are implemented by only one host managed by the Directorate-General Education and Culture Unit (DG EAC) of the European Commission.

- MT+ Institutions API delivers general information on institutions known by the host.
- MT+ Projects API delivers list of projects for a particular institution and call year.
- MT+ Dictionaries API delivers terms from a particular MT+ dictionary and call year.

Details	Address	Telephones	External units	External persons	Logo	Factsheet	Mobility Tool
<p>Name in national language: Uniwersytet Warszawski Name in English: University of Warsaw Type of institution: Foreign university Parent unit: Participant Identity Code: 999572294 ERASMUS code: PL WARSZAW01 POL-on code: UW SCHAC code: demo.usos.edu.pl Institution code: A012 Institution code in HR system: NUTS region: WWW: http://www.uw.edu.pl E-mail:</p> <p>E-mail addresses for nominations:</p> <p>Display: Yes Is public entity: Is non-profit:</p>	<p>Legal status: Uniwersytet Warszawski, utworzony w 1816 roku, jest publiczną wyższą uczelnią. Posiada uprawnienia do nadawania stopni naukowych doktora i doktora habilitowanego oraz wnioskowania o nadawanie tytułu profesora. Uczelnia kształci w duchu Wielkiej</p> <p>Legal status in English: Uniwersytet Warszawski, established in 1816 is a public higher education institution. The university is entitled to confer the degrees of 'doktor', 'doktor habilitowany' and apply for the title of 'profesor'. The university educates students in the spirit of Magna</p> <p>Grading scale:</p> <p>Grading scale in English:</p>						
<input type="button" value="Directly from the institution"/> <input type="button" value="Get data from EWP"/>							<input type="button" value="Via Mobility Tool+"/>

Edit institution	
<p>Data from EWP</p> <p>SCHAC code: demo.usos.edu.pl</p> <p>Name in national language: UNIWERSYTET WARSZAWSKI</p> <p>Name in English: University of Warsaw</p> <p>Participant Identity Code: 999572294</p> <p>ERASMUS code: PL WARSZAW01</p> <p>ECHE number: 45834-EPP-1-2014-1-PL-EPPKA3-ECHE Date of ECHE validity: 01.01.2014 - 31.12.2023</p> <p>Factsheet:</p> <p>WWW: http://www.uw.edu.pl</p> <p>Logo:</p> <p>Correspondence address: UNIWERSYTET WARSZAWSKI KRAKOWSKIE PRZEDMIESCIE 26/28</p> <p>Country: Polska (PL)</p> <p>Foreign code: 00 927</p> <p>City/Village: WARSZAWA</p> <p>Street: Krakowskie Przedmieście</p> <p>House number: 26/28</p> <p>Address type: Adres stały</p> <p>Building address:</p> <p>Country:</p> <p>Foreign code:</p>	<p>Data in USOS</p> <p>demo.usos.edu.pl</p> <p>Uniwersytet Warszawski</p> <p>University of Warsaw</p> <p>999572294</p> <p>PL WARSZAW01</p> <p>Not stored in USOS</p> <p>Not stored in USOS</p> <p>Bytes remaining: 2000</p> <p>Characters remaining: 80</p> <p>Polska (PL) <input type="button" value="Choose"/></p> <p>The edition of the postal code, county and municipality of Polish addresses is available in the Address tab</p> <p>Warszawa</p> <p>Krakowskie Przedmieście</p> <p>26/28</p> <p>Adres stały</p> <p>Not stored in USOS</p>

Details	Address	Telephones	External units	External persons
<input type="button" value="+ Add"/> <input type="button" value="Download project IDs"/> <input type="button" value="Download dictionary"/>				
No	Project ID			
<p>Get data from EWP</p> <p><input type="button" value="Help"/></p> <p>Call year: 2015</p> <p>Project ID: 2015-1-PL01-KA104-000181 Start: 01.07.2015 End: 01.07.2016 Action type: KA104</p> <p>Project ID: 2015-1-PL01-KA104-000181 Start: 01.07.2015 End: 01.07.2016 Action type: KA104</p> <p>* - required fields</p> <p><input type="button" value="Get data from EWP"/> <input type="button" value="Close"/></p>				

