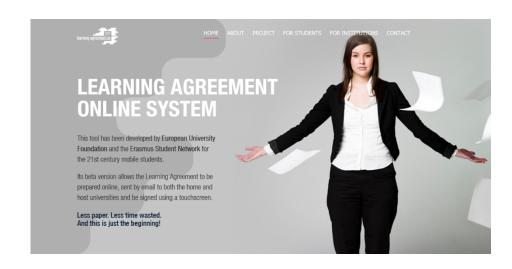
ERASMUS 6965AL





and much more...

HELLO THERE

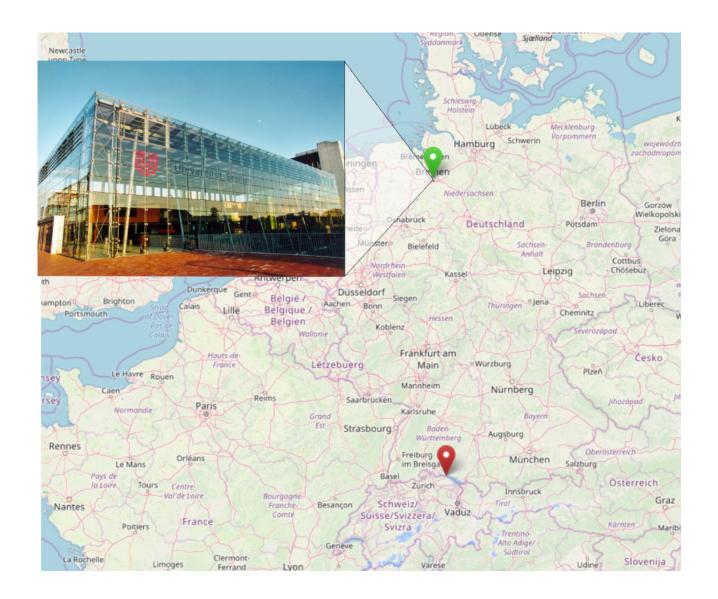
WHO: MATHIAS BÜCKEN

WHERE: UNIVERSITY OF BREMEN

WHAT: INTERNSHIP COORDINATOR
AND EVERYTHING DIGITAL







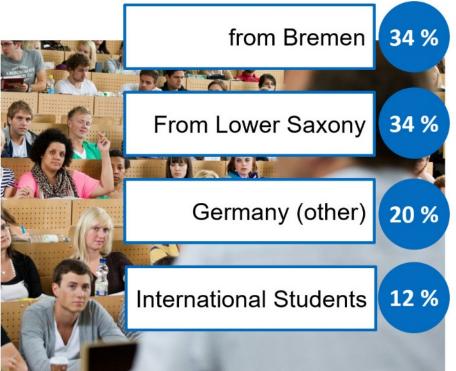




University of Bremen

Students: 19.000

Staff: 3.400

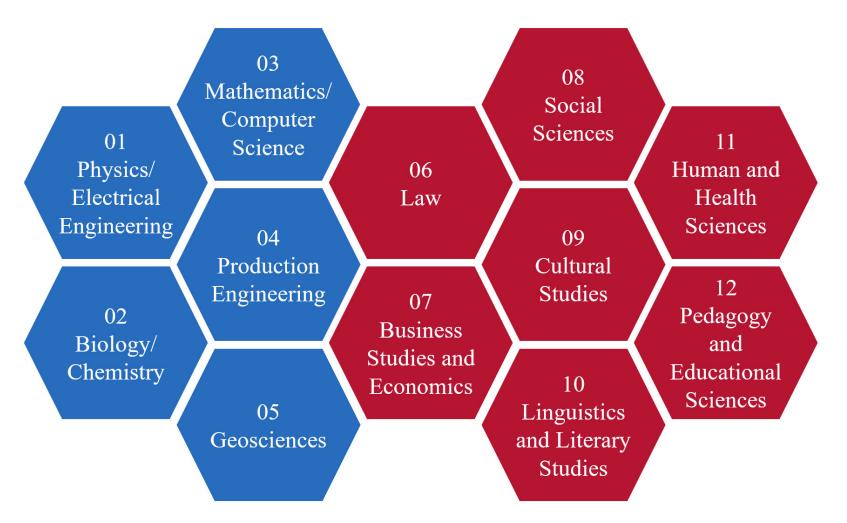








12 Faculties







Step 1: Digitize all the Erasmus+ procedures

- Erasmus Without Paper, Online Learning Agreement, Erasmus+ Mobile App, Inter Institutional Agreement Stepalentegrate a student e-identifier
- MyAcademicID (incorporating eIDAS, ESC and EduGAIN)
- Step 3: Connect all the services into a single online entry point for staff and students





Already available:

- European Student Card Tools for the card management
- EWP Network und Dashboard
- Erasmus+ App
- Online Learning Agreement (OLA) for studies





Ready in 2019:

- OLA for traineeships
- Inter Institutional Agreement-Manager
- Connection EWP Network and Dashboard
- Automatic reporting into Mobility Tool+ (Erasmus Project Database)





Ready in 2020/2021:

- MyAcademicID online student authentification
- Erasmus+ App for all functionalities(!) before, during and
 - after the mobility





Timetable:

2019-2020: Development and testing phase

By 2021: All functionalities ready for the future

Erasmus

programme

By 2025: Possible rollout for all mobile students





EWP becoming compulsory for*

2021: Inter Institutional Agreement and Online Learning Agreement

2022: Nominations

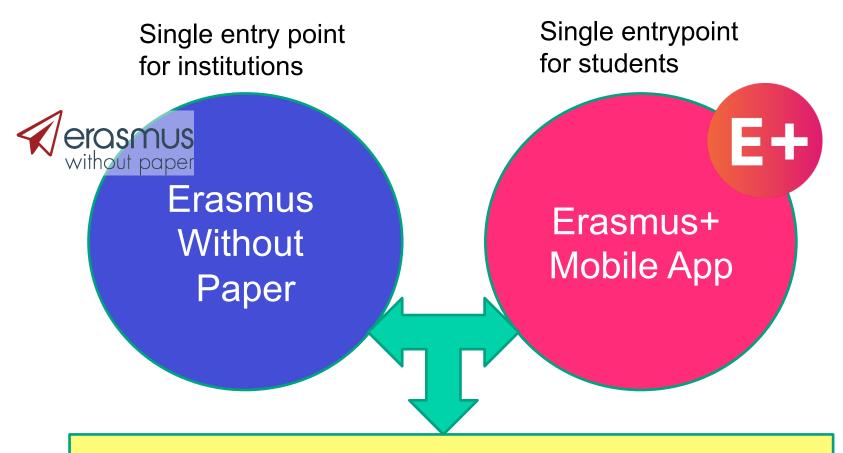
2023: Transcript of Records

2025: available for student mobility worldwide

* "Roadmap to be maintained provided testing confirms they are fit for purpose!"







Mobility Tool, Inter Institutional Agreement Manager, Online Learning Agreement, European Student Card, Transcript of Records













WHAT IS EWP?

NOT another database!







WHAT IS EWP?

- Data are only stored at the HEIs
- Data exchange via an authorized network
- Direct communication between databases

=> **NOT** another database







HOW DOES EWP WORK?

```
<root:ewp-mobility-file</pre>
         xmlns="https://github.com/erasmus-without-paper/ewp-specs-api-omobilities/blob/stable-v1/endpoints/get-response.xsd"
         xmlns:root="https://github.com/erasmus-without-paper/ewp-specs-fileext-ewpmobility/tree/stable-v1"
         xmlns:a="https://github.com/erasmus-without-paper/ewp-specs-types-address/tree/stable-v1"
         xmlns:xml="http://www.w3.org/XML/1998/namespace"
         xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
         xsi:schemaLocation="
             https://github.com/erasmus-without-paper/ewp-specs-fileext-ewpmobility/tree/stable-v1
             schema.xsd
         <student-mobility-for-studies>
             This is a very simplified mobility. For a better example, see Outgoing
            Mobilities API.
             <omobility-id>c442c289-5541-4cae-9edb-8ad83e133613/omobility-id>
             <sending-hei>
                 <hei-id>uio.no</hei-id>
             </sending-hei>
             <receiving-hei>
                 <hei-id>uw.edu.pl</hei-id>
             </receiving-hei>
             <sending-academic-term-ewp-id>2009/2010-2/2</sending-academic-term-ewp-id>
             <receiving-academic-year-id>2009/2010</receiving-academic-year-id>
             <student>
                 <given-names>Mister</given-names>
28
                 <family-name>Personson</family-name>
             </student>
             <status>live</status>
             <planned-arrival-date>2010-02-01</planned-arrival-date>
             <planned-departure-date>2010-06-20</planned-departure-date>
             <eqf-level-studied-at-departure>7</eqf-level-studied-at-departure>
             <components-studied>
                 <latest-draft-changes></latest-draft-changes>
                 <latest-draft-snapshot></latest-draft-snapshot>
             </components-studied>
         </student-mobility-for-studies>
     </root:ewp-mobility-file>
```







erasmus A DATABASE











EXCHANGE OF DATA WITH EWP









HERE COMES EWP

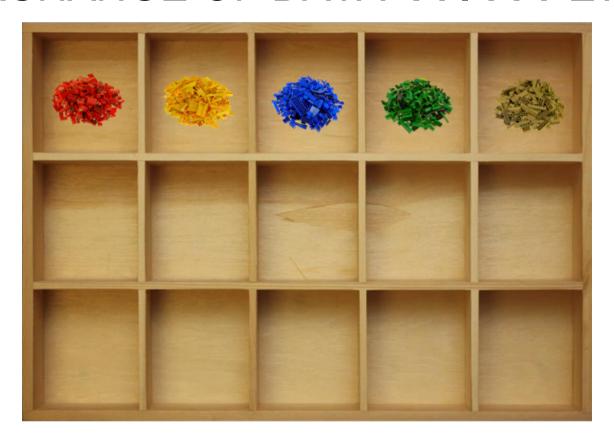








EXCHANGE OF DATA WITH EWP









HOW DOES EWP WORK?

```
<root:ewp-mobility-file</pre>
                        xmlns="https://github.com/erasmus-without-paper/ewp-specs-api-omobilities/blob/stable-v1/endpoints/get-response.xsd"
                        xmlns:root="https://github.com/erasmus-without-paper/ewp-specs-fileext-ewpmobility/tree/stable-v1"
                        xmlns:a="https://github.com/erasmus-without-paper/ewp-specs-types-address/tree/stable-v1"
                        xmlns:xml="http://www.w3.org/XML/1998/namespace"
                        xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                        xsi:schemaLocation="
                           https://github.com/erasmus-without-paper/ewp-specs-fileext-ewpmobility/tree/stable-v1
                           schema.xsd
                     <receiving-hei>
21
                            <hei-id>uw.edu.pl</hei-id>
22
                     </receiving-hei>
23
                     <sending-academic-term-ewp-id>2009/2010-2/2</sending-academic-term-ewp-id>
                     <receiving-academic-year-id>2009/2010</receiving-academic-year-id>
25
26
                      <student>
                            ⟨given-names⟩Mister⟨/given-names⟩
27
                            <family-name>Personson</family-name>
28
29
                      </student>
                           <planned-arrival-date>2010-02-01</planned-arrival-date>
                           <planned-departure-date>2010-06-20</planned-departure-date>
                           <eqf-level-studied-at-departure>7</eqf-level-studied-at-departure>
                           <components-studied>
                              <latest-draft-changes></latest-draft-changes>
                              <latest-draft-snapshot></latest-draft-snapshot>
                           </components-studied>
                        </student-mobility-for-studies>
                    </root:ewp-mobility-file>
```







HOW DOES EWP WORK?



Exchange only data foreseen in the mobility process







EWP IN A NUTSHELL

Erasmus Without Paper is a standardized exchange protocoll for mobility data.

"The nice thing about standards is that there are so many to choose from. "

Andrew S. Tannenbaum







Which data can be exchanged?

- Institutional data of the HEIs
- Interinstitutional Agreements
- Nominations
- Learning Agreements
- Transcripts of Records

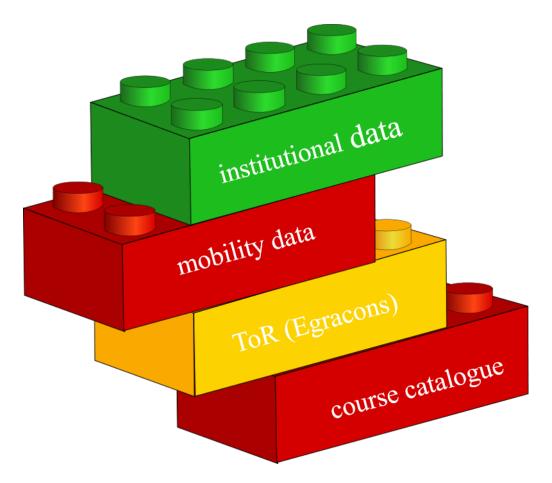
 (with optional note conversion via Egracons)
- Arrival/Departure Data
- •
- Report data (Mobility Tool+)







FREE CHOICE OF MODULES!









WHAT IS EWP?

EWP is the nervous system of the next Erasmus program!







WHAT IS EWP NOT?

EWP is NOT another database!







HOW TO GET INTO THE BRAVE NEW WORLD?

Scenario 1:

You are using a tool developed by a commercial provider?

They can connect you to the EWP network.







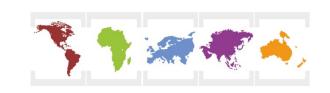
HOW TO GET INTO THE BRAVE NEW WORLD?

Scenario 2:

You are using an in-house developed tool?

You can connect it to the EWP network.







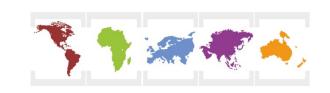
HOW TO GET INTO THE BRAVE NEW WORLD?

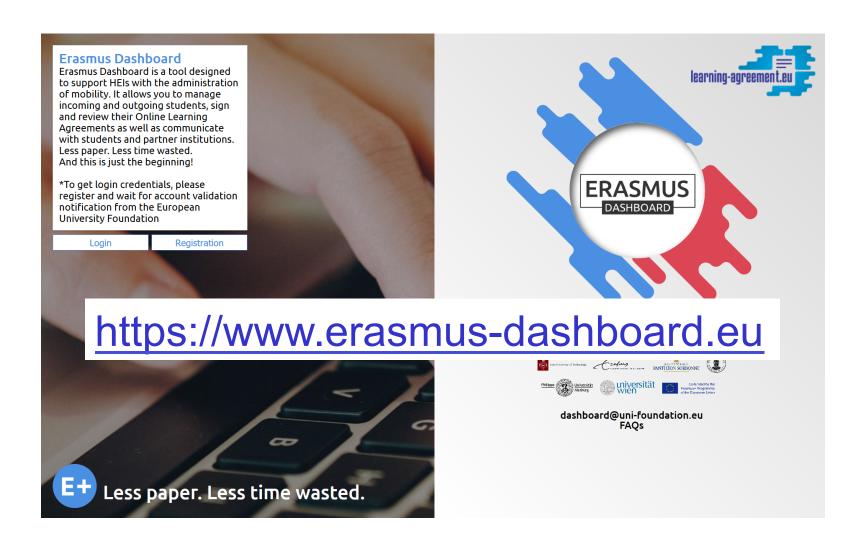
Scenario 3:

You are currently not using any tool to exchange student data?

You can use the EWP dashbord.



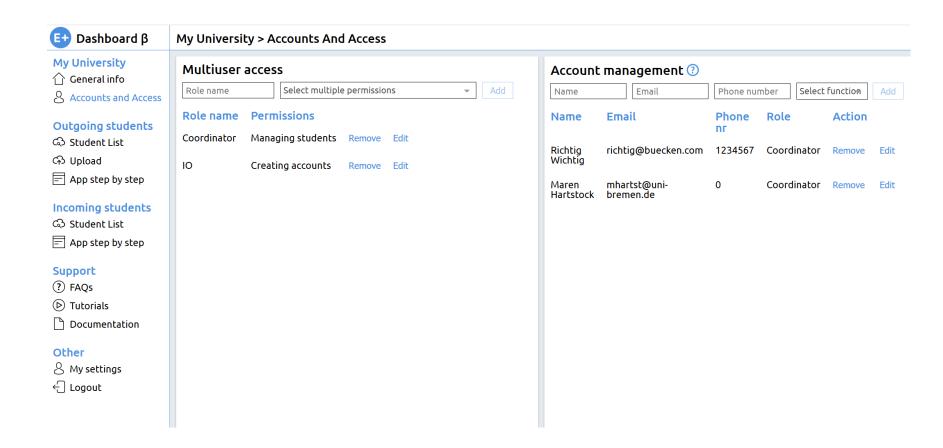








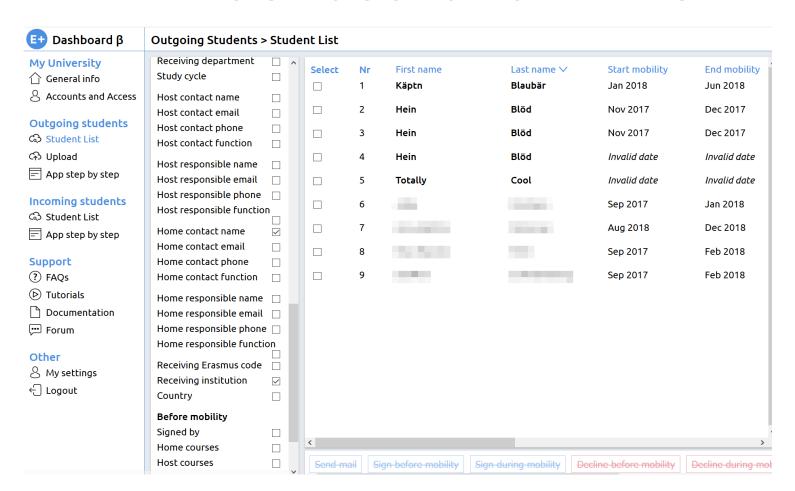
E+ Dashboard for HEIs







E+ Dashboard for HEIs







E+ Dashboard for HEIs

E Dashboard β	Outgoing Students > Upload						
My University General info Accounts and Access	Student upload (copy from e.g. MS Excel file. More info)						
	Select	NΓ	First name*	Last name*	Email*	Start of mobility*	End of mobili
		1	Fill in	Fill in	Fill in	Fill in (MM-YYYY)	Fill in (MM
Outgoing students Student List		2	Fill in	Fill in	Fill in	Fill in (MM-YYYY)	Fill in (MM
↔ Upload		3	Fill in	Fill in	Fill in	Fill in (MM-YYYY)	Fill in (MM
App step by step		4	Fill in	Fill in	Fill in	Fill in (MM-YYYY)	Fill in (MM
Incoming students Student List		5	Fill in	Fill in	Fill in	Fill in (MM-YYYY)	Fill in (MM
App step by step							
Support							
? FAQs							
Documentation							
Forum							
Other							
8 My settings							
_							
79000							
← Logout							





The two most important tools for managing mobilities today:









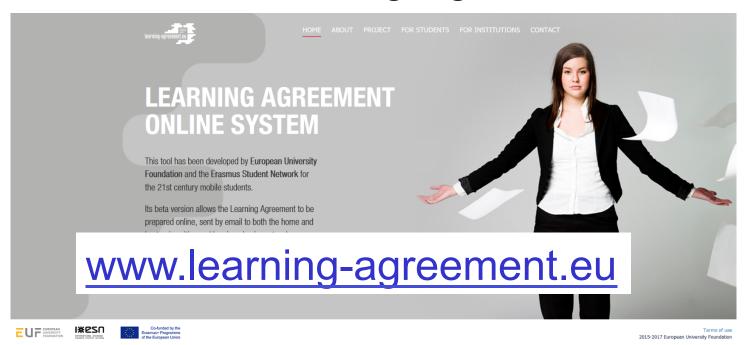


Unknown International Relations Officer, circa 2013





Online Learning Agreement



Projectpartner: EUF, ESN, 8 HEIs & 21 associated partners









Online Learning Agreement

"self-service"

- Initiated and controlled by the students
- Students enter essential data
- IOs are not involved
- Faculties for signature

"serviced"

- Initiated and controlled by the IOs
- IOs can upload essential data
- Students will be automatically notified
- Faculties for signature

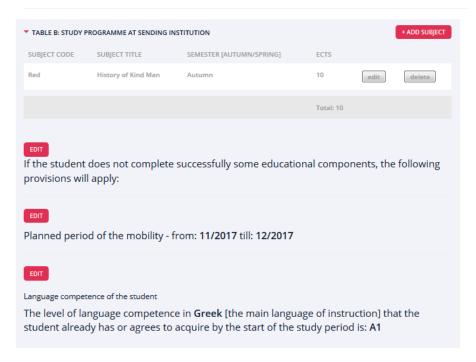




Proposed Mobility Programme(before the mobility)



Web link to the course catalogue at the receiving institution describing the learning outcomes:







Students POV – Details of the Coordinators

Responsible Persons

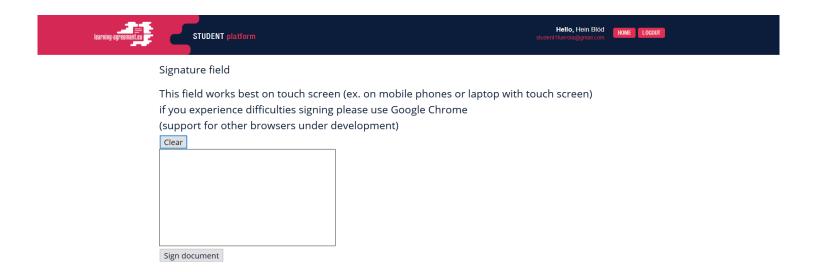
	Responsible person in the sending institution function	
name	Tunction	
phone number	email	
	esponsible person in the receiving institution	
name	function	
phone number	email	







Students POV – Signature







Students POV – Signature



Commitment of the three parties

By signing this document, the student, the sending institution and the receiving institution confirm that they approve the proposed Learning Agreement and that they will comply with all the arrangements agreed by all parties. Sending and receiving institutions undertake to apply all the principles of the Erasmus Charter for Higher Education relating to mobility for studies (or the principles agreed in the inter-institutional agreement for institutions located in partner countries).

The receiving institution confirms that the educational components listed in Table A are in line with its course catalogue.

The sending institution commits to recognise all the credits gained at the receiving institution for the successfully completed educational components and to count them towards the student's degree as described in Table B. Any exceptions to this rule are documented in an annex of this Learning Agreement and agreed by all parties.

The student and receiving institution will communicate to the sending institution any problems or changes regarding the proposed mobility programme, responsible persons and/or study period.

Before signing - ask your institution coordinator if they accept touchscreen scanned signatures!

SIGN ONLINE - works best on touch screen device



SEND TO SENDING INST. COORDINATOR



♦ PREVIOUS



Email to coordinators

Dear Erasmus+ coordinator,

Please follow the link below to access the Learning Agreement (LA) that Käptn Blaubär has prepared prior to his mobility period. **The sending institution has already signed it.** Read it carefully and if you agree with the choice of subjects, please sign to approve it.

If there are any objections, it is possible to decline the proposal and send your comments to the student.

By clicking on the link below you will be directed to the Erasmus Dashboard - a platform created for supporting Higher Education Institutions in managing Erasmus+ mobility administrative aspects as well as interacting with the students via Online Learning Agreement (OLA) platform as well as the Erasmus+ App.

More information on Erasmus Dashboard can be found below as well as in the Support section of the platform where video tutorials as well as FAOs are available.

Please note that Internet Explorer is not supported, therefore please choose another browser to proceed.

Review Learning Agreement





Email to coordinators

What is the Erasmus Dashboard?

Erasmus Dashboard is an HEI administration panel for managing the Learning Agreements (LAs) online. It is a substantially more advanced version of unizone prototype released in 2016 and is developed in the framework of Online Learning Agreement follow up project (known as OLA+) with the financial support of the European Commission.

What are the Erasmus Dashboard functions?

- Upload and pre-fill some key elements of the LAs of your outgoing students (as an alternative to letting them start and fill their own LA).
- Check and filter lists of outgoing and incoming students.
- Send group emails and be able to comment on changes necessary before signing LA.
- Use the multiuser system allowing you to grant different levels of access and functionalities to the staff involved in mobility administration
- Sign the Learning Agreement online and have a clear overview of the status of OLA

What does it mean to sign the Learning Agreement via Erasmus Dashboard?

Erasmus Dashboard provides an easy and safe solution for signing the Online Learning Agreements. All connections to the OLA and Erasmus Dashboard are encrypted and authenticated via a digital certificate; encryption is also used in the links circulated through the email notifications and the legally binding terms of use forbid the EUF and the ESN to disclose student data to third parties (sending/receiving universities not included).

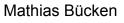
Erasmus Dashboard offers simple-to-use yet sophisticated tool to ease the mobility administration for HEIs and students. Furthuremore, as the Erasmus Dashboard and the OLA are being developed with EU funding, its usage is and will always be free of charge for all interested students and HEIs.

Best regards,

The Erasmus Dashboard team

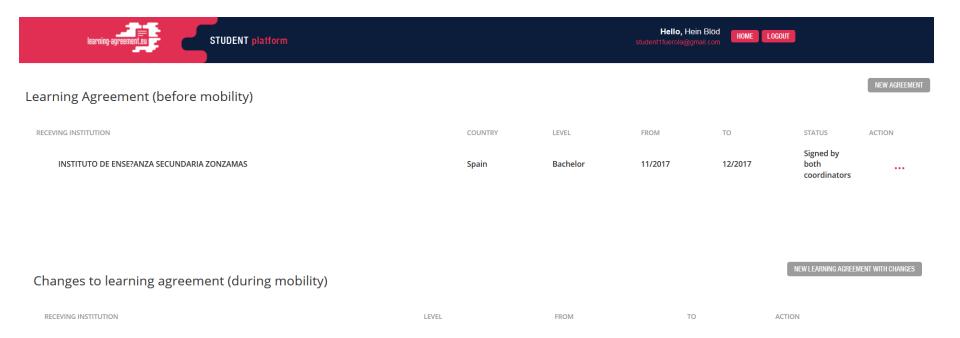
If you can't click on the button, please use the following link: https://www.erasmus-dashboard.eu/direct-login/U2FsdGVkX18s5%







Students POV







Learning Agreement

Higher Education Learning Agreement for Studies Hein Blöd student1fuerola@gmail.com Student id:

Student	Last name(s)	First name(s)	Date of birth	Nationality	Sex [M/F]		Field of education
	Blöd	Hein	1/4/2000	German		Bachelor	History/1234
Sending	Name	Department applicable)		Country	Contact person name ; email; phone		
Institution	UNIVERSITAET BREMEN	History		28359 BREMEN, BIBLIOTHEKSTRASSE 1 33 04 40	Germany / DE	/ coordinatorathome@gmail.c /	
Dessiries	Name	Faculty / Department code (if applicable) Address Countr		Country	Contact per phone	son name ; email;	
Receiving Institution	INSTITUTO DE ENSE?ANZA SECUNDARIA ZONZAMAS			35500 ARRECIFE, DR. BARRAQUER, 6	Spain / ES	/ coordinator	guest@gmail.com/

Before the mobility

Study Programme at the Receiving Institution
Planned period of the mobility: from [month/year]11/2017 to [month/year] 12/2017

I	able A Sefore	Component code (if any)	Component title at the Receiving Institution (as indicated in the course catalogue)	Semester [e.g. autumn / spring; term]	Number of ECTS credits (or equivalent) to be awarded by the Receiving Institution upon successful completion	
ľ	he mobility	13	History of Everything	Autumn	10	
					Total: 10	
١	Web link to the course catalogue at the Receiving Institution describing the learning outcomes: [web link to the relevant					

The level of language competence in Greek [indicate here the main language of instruction] that the student already has or agrees to acquire by the start of the study period is: A1

Recognition at the Sending Institution						
Table B Before	Component code (if any)	Component title at the Receiving Institution (as indicated in the course catalogue)	Semester [e.g. autumn / spring; term]	Number of ECTS credits (or equivalent) to be awarded by the Receiving Institution upon successful completion		
the mobility	Red	History of Kind Man	Autumn	10		
				Total: 10		

Web link to the course catalogue at the Receiving Institution describing the learning outcomes: [web link to the relevant

Provisions applying if the student does not complete successfully some educational components: [Please, specify or provide a web link to the relevant information.]

Erasmus+

Higher Education Learning Agreement for Studies Academic Year

Hein Blöd student1fuerola@gmail.com

Student id:

Commitment

By signing this document, the student, the Sending Institution and the Receiving Institution confirm that they approve the Learning Agreement and that they will comply with all the arrangements agreed by all parties. Sending and Receiving Institutions undertake to apply all the principles of the Erasmus Charter for Higher Education relating to mobility for studies (or the principles agreed in the Inter-Institutional Agreement for institutions located in Partner Countries). The Sending Institution and the student should also commit to what is set out in the Erasmus+ grant agreement. The Receiving Institution confirms that the educational components listed in Table A are in line with its course catalogue and should be available to the student. The Sending Institution commits to recognise all the credits gained at the Receiving Institution for the successfully completed educational components and to count them towards the student's degree as described in Table B. Any exceptions to this rule are documented in an annex of this Learning Agreement and agreed by all parties. The student and the Receiving Institution will communicate to the Sending Institution any problems or change regarding the study programme, responsible persons and/or study period.

Commitment	Name	Email	Position	Date	Signature
Student	Hein Blöd	student1fuerola@gmail.com	Student	2017-07-21	Dod
Responsible person at the Sending Institution		,		2017-07-21	
Responsible person at the Receiving Institution		1		2017-07-21	WAZNOJE

Created with learning-agreement.eu Created with learning-agreement.eu





Critical points

- Signatures are stored
- Data storage location

IV. International Transfer

We may transfer information that we collect about you to affiliated entities, or to other Third Parties across borders and from your country or jurisdiction to other countries or jurisdictions around the world. In such cases the appropriate measures have been taken to ensure that the Service Providers comply with the EU General Data Protection Regulation (2016/679).

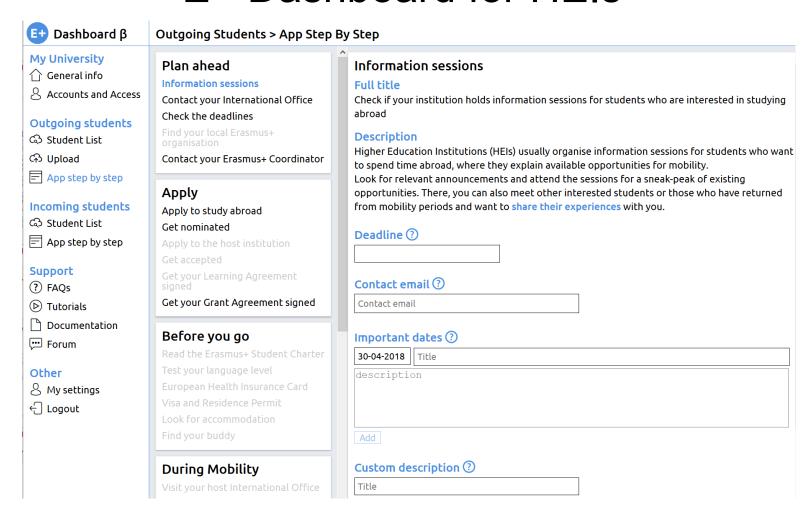
VII. Third Party Services

Our services may contain third-party tracking tools from our service providers, examples of which include email service provider as well as push-notification service provider. Such third parties may use cookies, APIs, and SDKs in our services to enable them to collect and analyse user information on our behalf. The third parties may have access to information such as your device identifier, MAC address, IMEI, locale (specific location where a given language is spoken), geo-location information, and IP address for the





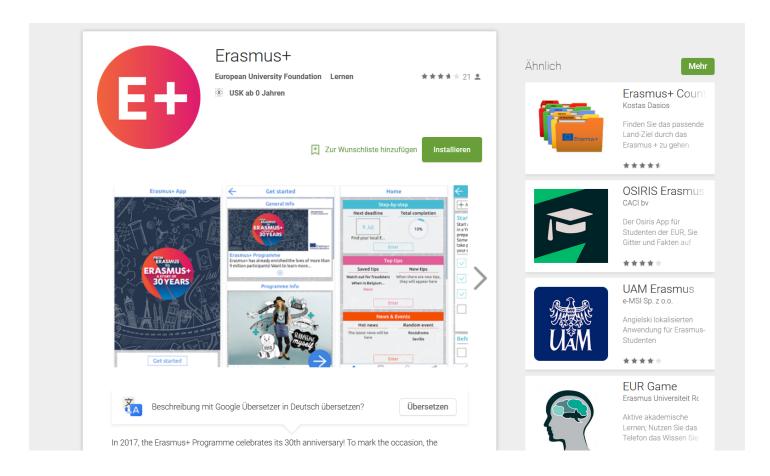
E+ Dashboard for HEIs







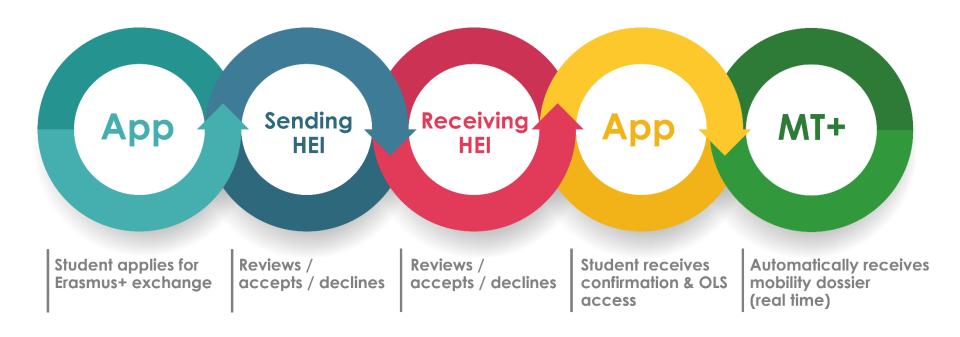
Erasmus+ App







Erasmus Digital Strategy









- Erasmus+ App Get started Already have an account?
- Launch: June 2017, since then further delopment of the interactive features
- Available in the App-Stores for free

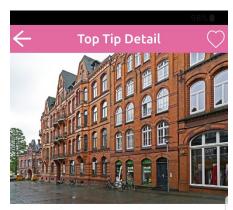
The App:

- ✓ Informationportal for Erasmus+ KA1
- ✓ Top-tips for the planned stay abroad (generall, information on the countries, ...)
- ✓ News on events und offers
- ✓ Interaktiv checklist for the mobilities
- Step-bys-tep-list for the mobility period
- ✓ Integration of the Online Learning Agreement
- ✓ Integration of the Online Linguistic Support Platform





Erasmus+ top tips



Sleep close to your university

Try to stay in a residence close to university, so that you spend less time to travel, more time for studies and other social activities. Arrange your accommodation before arrival, if you are using internet to find accommodation, beware of fraudsters especially when you have to transfer money to book your accommodation.

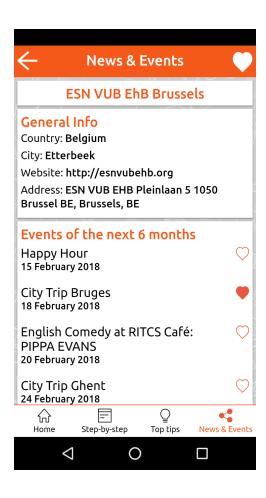


- Best tips from fellow Erasmus+ participants
- Different categories covering all important aspects of life:
 - Accommodation
 - Administration
 - Health
 - Managing your money
 - Social life & culture
 - Tech & Communications
 - Transportation
- City-specific (since last update)





ESN news and events



- Latest news and nearby events at student's fingertips.
- Social activities fetched from more than 900 cities across Europe by the Erasmus Student Network sections





Integration with OLS and OLA



- Full integration with the Erasmus+ Online Learning Agreement for HE students
 - Live status updates
 - Fill in and sign LA online, fast and easy
- www.learning-agreement.eu
- Link to the Erasmus+ Online Linguistic Support.





Step-by-step Checklists

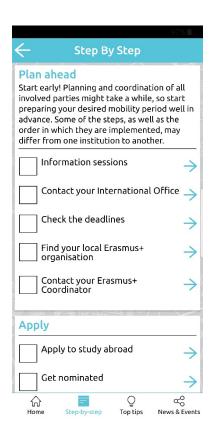


- Specific lists for each type of Erasmus+ mobility
- Everything students' need to do before, during and after the stay abroad
- Study mobility information connected with the Erasmus Dashboard for HEIs





HEI specific information in the App

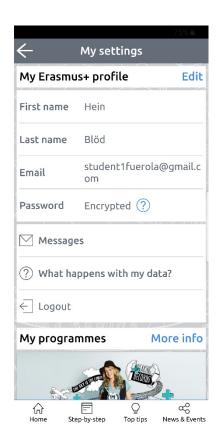


- Custom description displayed for the students
- Add specific deadlines and contacts
- Students can set reminders for important dates





And push notifications

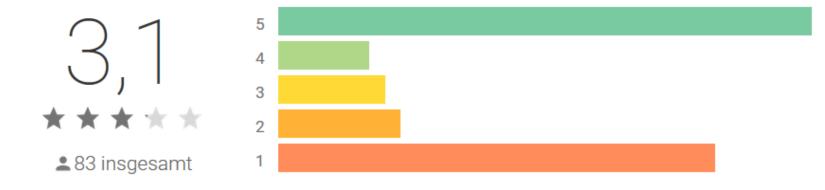


 Exchange students using OLA can also receive pushnotifications through the App.

Overuse of this feature is not encouraged as students can switch the notifications off; in this event information will be stored in the Messages section of the app (which they may or may not check).







Aktualisiert Größe Installationen 4. September 2018 7,1M 10.000+ Aktuelle Version Erforderliche Android- Altersfreigabe 4.46 Version USK ab 0 Jahren 4.4 oder höher Weitere Informationen



Mathias Bücken



Critical points

Terms & Conditions of the app

"International Transfer

We may transfer information that we collect about you to affiliated entities, or to other third parties across borders and from your country or jurisdiction to other countries or jurisdictions around the world. Please note that these countries and jurisdictions may not have the same data protection laws as your own jurisdiction, and you consent to the transfer of information and the use and disclosure of information about you, including personal information, as described in this Policy."





He'd always thought that when individualism was stripped, it would be pried from a screaming populace by a ruthlessly tyrannical government. But instead of guns and goons, privacy was conquered by this: "Terms of Agreement."

"No Sunscreen for the Dead" by Tim Dorsey



