Online platform Proof-of-Concept Approach Updated Sept. 2022

Shira Zelber- Sagi & Mariusz Duplaga on behalf of WP.4 team







Platform – purpose and expectations

Online interface to enable

- the collaboration between
 - public health education
 - training institutions
 - workforce stakeholders
- supporting employability and continuing professional development







Platform – purpose and expectations

Online interface for

- > students
- employers
- PH system governance structures

to use for

- practical placement
- employment opportunities
- career guidance
- PHW planning and development







Platform – purpose and expectations

Tool with

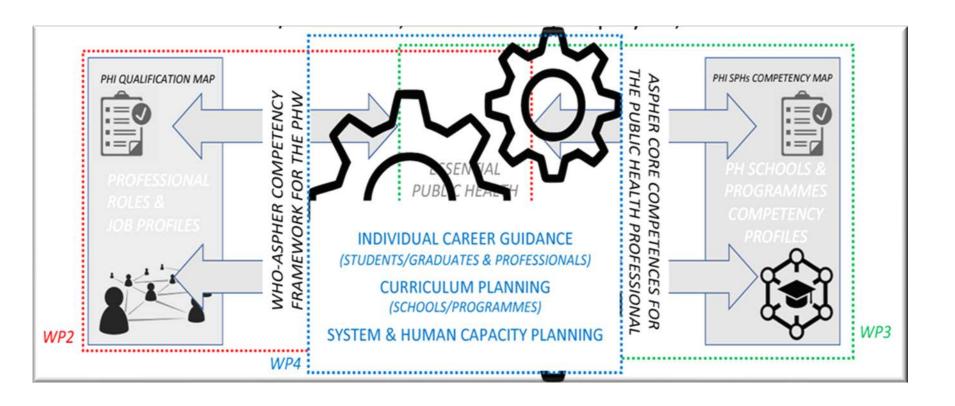
- a high level of usability
- with interfaces customized for specific target groups
- an independent web tool







SEEEPHI Interrelationships









Chronicle of WP. 4 Activities







2021	2022				
Q4	- 1	II.	III	IV	V

Broad concept of the platform (HU, JU)

Adjusted platform concept and guidelines from ASPHER

Platform specification

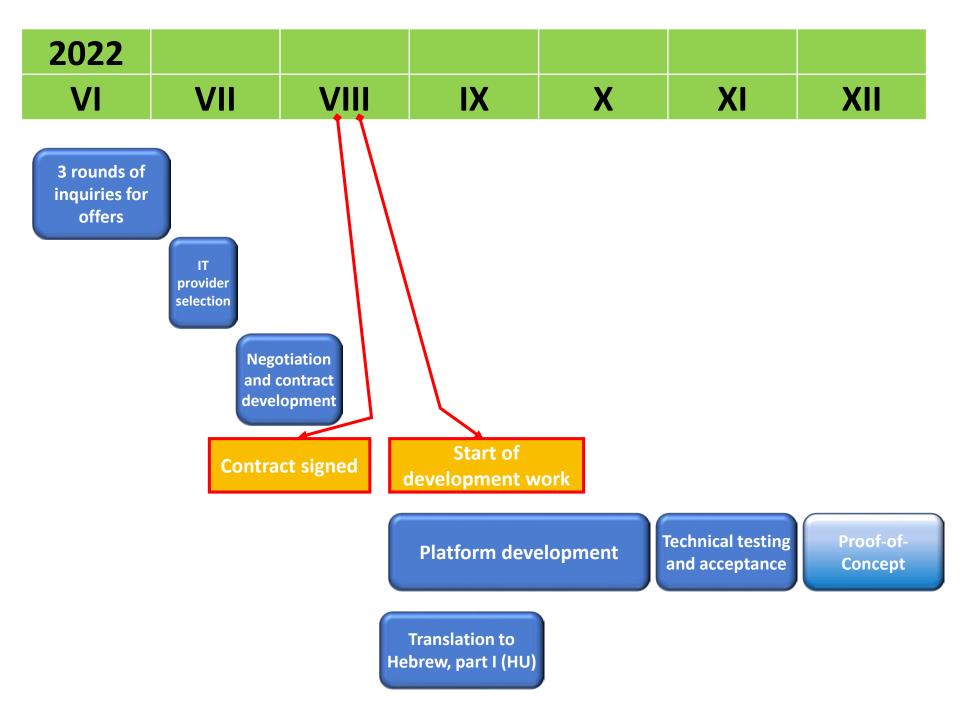
Feedback to the Consortium, Ashkelon Meeting

Tender documentation









Quick overview of preceding work





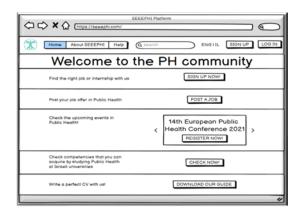


Conceptual background of the platform (HU, JU) Sept. 21 – Jan. 22

Personas



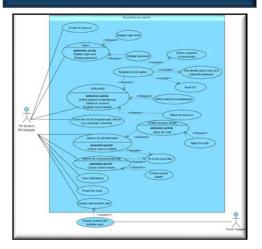
Wireframes



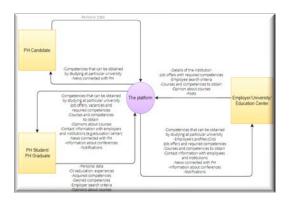
Functionalities

Functionalities User registration and login Editing user's profile Checking the list of competencies that can be acquired by studying PH at particular university Defining acquired competencies by a job candidate Defining desired competencies by a job candidate Searching for jobs/internships Sending messages to potential employers Searching for courses and workshops Searching for conferences Post information about conferences Adding opinions about courses Adding job offers/research offers Deactivating job offers/research offers Defining required competencies by employers Searching for employees, filtering search results Sending messages to potential employees Adding course/workshop offers Defining competencies that can be obtained by participating in a particular course Deactivating course/workshop offers Defining the curriculum (according to the ECCLPHP) by universities Checking the latest news connected with PH Adding new posts to the "News" tab Participating in discussions on the forum Deleting an account

Use case models



Context diagram



Conceptual background of the platform (HU, JU) Sept. 21 – Jan. 22

Output



User Requirements Document

Sharing European Educational Experience in Public Health for Israel (SEEEPHI): harmonization, employability, leadership and outreach



WP.4
USER REQUIREMENTS DOCUMENT

v.1.12







Guidelines for the platform specification (ASPHER, JU, HU) Febr. 21 – April 22

Output



Upgraded User Requirements Document



Sharing European Educational Experience in Public Health for Israel (SEEEPHI): harmonization, employability, leadership and outreach



WP.4

USER REQUIREMENTS DOCUMENT

v.1.13







What data can we get on the Online Platform

User	Functionality	Input	Options	Output	List/vocabulary/mapping file if available (to be specified for tender)
Student/	New career –	Status	Student or		
graduate	registration on the		graduate		
	platform (data	School/university	List of		List of universities where
	entry)		schools/universitie		students can study public
			S		health/public health
		- /.			related subjects in Israel
		Programme (chosen	List of programmes		Programmes provided by
		from the list) per	The user should be		universities/admin
		university	able to choose		
			more than 1		
			programme		
		(Expected) year of	Format YYYY		
		graduation (per	Formactiti		
		programme)			
		Country (where the	List of countries		
		user lives at present)	List of countries		
		Date of birth	Format YYYY		
		E-mail	Entered manually		
		Password	Entered manually		
	New career –	Name of the	Entered manually		
	Adding basic	school/university			
	information about	Name of the	Entered manually		
	the training	programme			
	programme which	Name and contact	Entered manually	Automatically sent email	
	is not on the list in	details of the		to programme's director	
	the registration	programme's		to define and enter into	
	form	director/ contact		the system the particular	
		person		programme	

PH	On sein seeneer	Name of the lab	List of ich moditions	
	Ongoing career –	Name of the job	List of job positions	
Professional	registration on the	position	11-1-61111	
	platform(data	Institution/Employer	List of institutions/	
	entry)		employers	
			or name entered	
			manually (if institution is not on	
			the list)	
		Educational	List of	
		background – school/university	schools/universitie	
		school/university	S	
			The user should be	
			able to choose	
			more than 1	
			school/university	
		Programme (per school)	List of programmes	
			The user should be	
			able to choose	
			more than 1	
			programme	
		Year of graduation	List	
		(per programme)		
		Country	List	
		Date of birth	Format YYYY	
		E-mail	Entered manually	
		Password	Entered manually	
	Ongoing career –	Name of the	Entered manually	
	Adding basic	school/university		
	information about	Name of the	Entered manually	
	the training	programme		

Programme	Registration on	Name, surname	Entered manually	
directors/	platform	Name of the	List or added	
Universities		school/university	manually	
		Website URL of school/university	Entered manually	
		E-mail	Entered manually	
		Password	Entered manually	
	Adding/editing a degree	Name of the programme	Entered manually	
	programme	Year of the programme	List	
		Description of the programme according to competencies (ECCLPHP)	List	ECCLPHP
		Name of the course	Entered manually	

Categories of Platfom users

Student/ graduate



Programme directors



WP.3

PH Professional/ Employee



WP.2

Institution



Admin/Tool moderator









User: Student/Graduate



Input



New career - registration



New carrer – adding a new programme

Output



New career

- Competencies (ECCLPH)
- Competencies (EPHOs)
- Health Challenges (EPHOs)
- Possible job positions
- Open job positions
- Competence upgrade options







User: Student/Graduate

Input



New career - registration

- status (student/graduate)
- school/University
- programme
- country
- year of birth





New carrer – adding a new programme

- name of programme
- name of programme director/ contact person







User: Student/Graduate





Competencies acc. to the programme of the school/university (as ECCLPH or EPHOs)



Population Health Challenges matching competencies' profile (based on EPHOs)

Displayed output



Possible job positions (as CFPHW)



Open job positions



Competence profile upgrade options







What data can we get on the Online Platform



New career



Ongoing career



Job positions/
offers



Programme/course



Verification/ Analysis







Tender procedures May – July 2022

Output



Inquiry for the offers

Description of specific order requirements

Received offer

The documentation submitted to Public Procurement Dept., JU







Functionalities

Review of that match profile

Schedule

Order specification

Users Functionalities	Students and Graduates of Public Health	Public Health Profe- ssionals	Programme Directors/ Universities	Institu- tions/ Emplo- yers	Admin (Tool moderator)
User registration and login	X	X	X	X	X
Editing user's profile	X	X	X	X	X
Adding basic information about the training programme which is not on the list in the registration form	х	х			
Adding/editing a job position		Х		X	X
Review of EPHO/competences profile	х	×			
Review of current population health challenges	Х	Х	х		

Programme (chosen

from the list) per university

(Expected) year of

user lives at present)
Date of birth

graduation (per programme) Country (where the

E-mail

Password

Name of the

school/university

User	Functionality	Input	Options	Output	List/vocabulary/mapping file if available (to be specified for tender)
Student/ New career – graduate registration on the	Status	Student or graduate			
	platform (data entry)	School/university	List of schools/universitie s		List of universities where students can study public health/public health related subjects in Israel

List of programmes

The user should be able to choose more than 1 programme

Format YYYY

List of countries

Entered manually

Entered manually

Entered manually

Format YYYY

Etap	Zakres zadania	Maksymalny czas zakończenia
I.	Analiza przedwdrożeniowa Przygotowanie projektu graficznego Platformy wraz z zakładkami. Projekt powinien być nowoczesny, spójny, przejrzysty. W ramach etapu będzie do wykonania: A. Przygotowanie wizualnej formy Platformy (layout /szablon Platformy) i akceptacja przez Zamawiającego projektu graficznego Platformy. Przygotowanie opisu wymagań użytkownika i akceptacja przez Zamawiającego	termin realizacji do 15 dni roboczych od początku obowiązywania umowy z Wykonawcą
II.	Wykonanie Platformy. Wykonanie Platformy zgodnie ze specyfikacją wraz z systemem CMS, umożliwiającym Zamawiającemu samodzielne zarządzanie stroną, jej zawartością (aktualizowanie, dodawanie i zmienianie treści) 1. Projekt, wykonanie i wdrożenie produktów projektu (Platforma, system CMS) wraz z dostawą wszystkich niezbędnych licencji. 2. Uruchomienie wersji produkcyjnej Platformy.	termin realizacji do 50 dni roboczych od początku obowiązywania umowy z Wykonawcą
III.	Szkolenie użytkowników. Dostarczenie dokumentacji użytkownika,	termin realizacji do 50 dni roboczych od

	List of universities where students can study public health/public health related subjects in Israel			
	Programm universities	-	Abrio	
		Domain		
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		<i>[</i>	Epi	
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		ds	Epi	
		Methods	Exp	
		ğ	Qu	

Input & output by categories of users

New career -

Adding basic

Mapping

,	Abridged WP3 Competence List (ECCLPH)		WHO-ASPHER Competencies
main	Competences	EPHOs	(CFPHW) – Non Comprehensive List
	Definitions of Health & Public Health	1	1.1, 1.2
	Disease Classification Systems	1	1.2, 1.3, 1.6
	Basic Epidemiologic/Demographic	1, 10	1.1, 1.2, 1.3, 1.7, 4.7,
•	Concepts		4.8
Methods	Epidemiologic Study Designs:	1, 10	1.7
	Observational		
	Epidemiologic Study Designs: Experimental	1, 10	1.7
Σe	Qualitative Research Methods	1, 10	1.7
	Questionnaire Design & Scaling	1, 10	1.7
	Statistical Concepts	1, 10	1.3, 1.4
	IT & Data Handling	1, 10	1.4
	Scientific Writing & Reading	1, 10	10.6, 1.4
	Davidan a DU Dasaarah Dratasal	1 10	17

Tender procedures May – July 2022

Output



Market of IT providers analyzed

Criteria:

- 1) Active on the market of web application development
- 2) Experience with more ambitious projects
- 3) Quality of delivered websites
- 4) Complex application, e.g. Internet shops
- 5) Duration on the market
- 6) Larger team of developers and supporting professionals
- 7) Initially with location in Krakow
- 8) Recommendations

Tender procedures May – July 2022

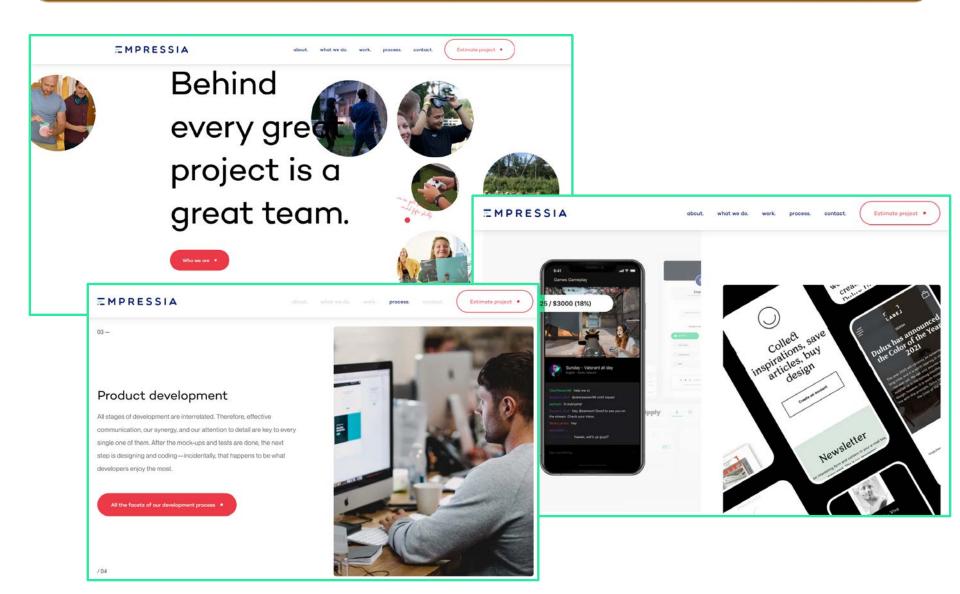
Output



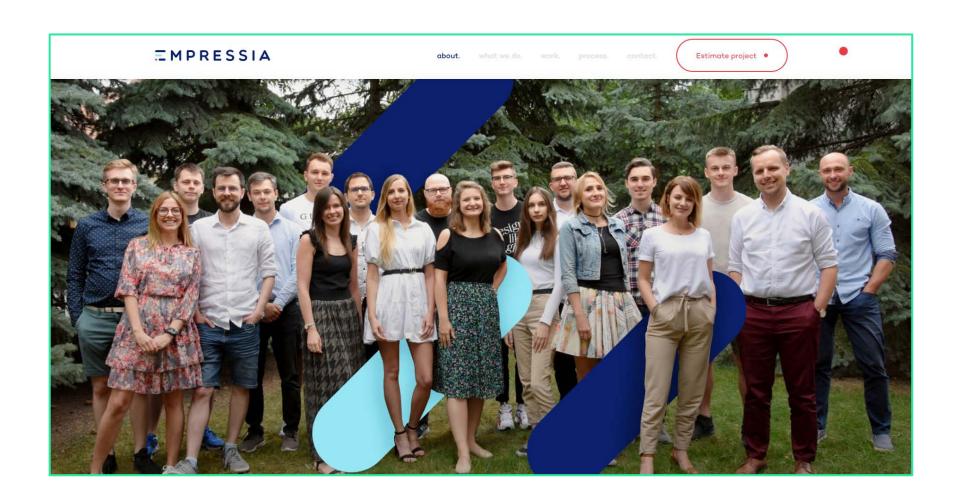
Market of IT providers analyzed

Companies invited in 3 rounds of inquiry for offers:

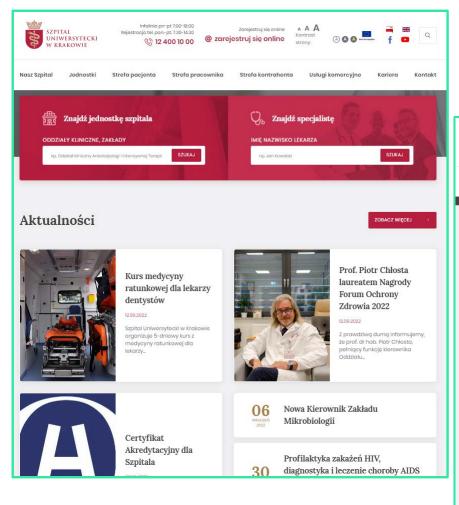
- 1. Anex
- 2. InWeb
- 3. Tredo Trendy Domains
- 4. Webyourself.pl
- 5. Webiso Dominski, Maziar, Sp.J.
- 6. Freshweb
- 7. GQ Group I.I Heronsite
- 8. WebTech
- 9. Millenium Studio
- 10. WebFalcon
- 11. Empressia



Provider: Empressia I.I.



Provider: Empressia I.I.





Output



Contract for the platform development with attachments





Płatne ze środków: **Z/ERP/00081** Nr rezerwacji środków: 301015000

Nr umowy: Typ Umowy: I

UMOWA o świadczenia usług z elementami przeniesienia praw autorskich

zawarta w Krakowie w dniu 10.08.2022 pomiędzy:

Uniwersytetem Jagiellońskim – Collegium Medicum (UJ CM), ul. św. Anny 12, 31-008 Kraków, działającym przez: dr hab. Mariusza Duplagę, prof. UJ – Kierownika projektu działającego na podstawie pełnomocnictwa nr 118.0121.37.2021



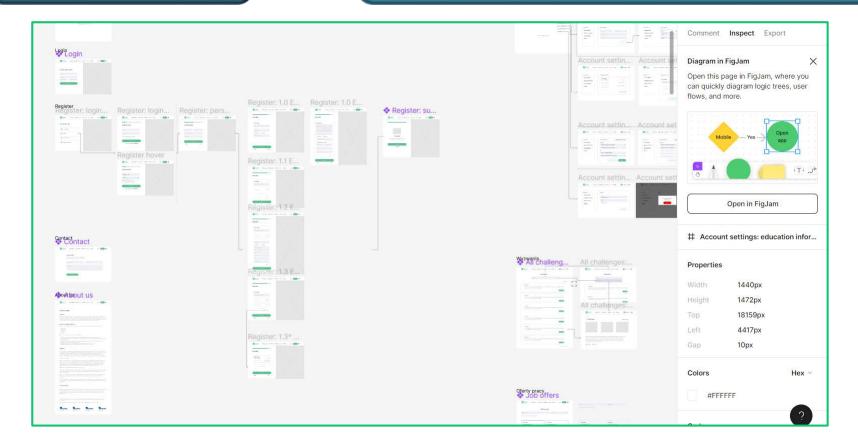


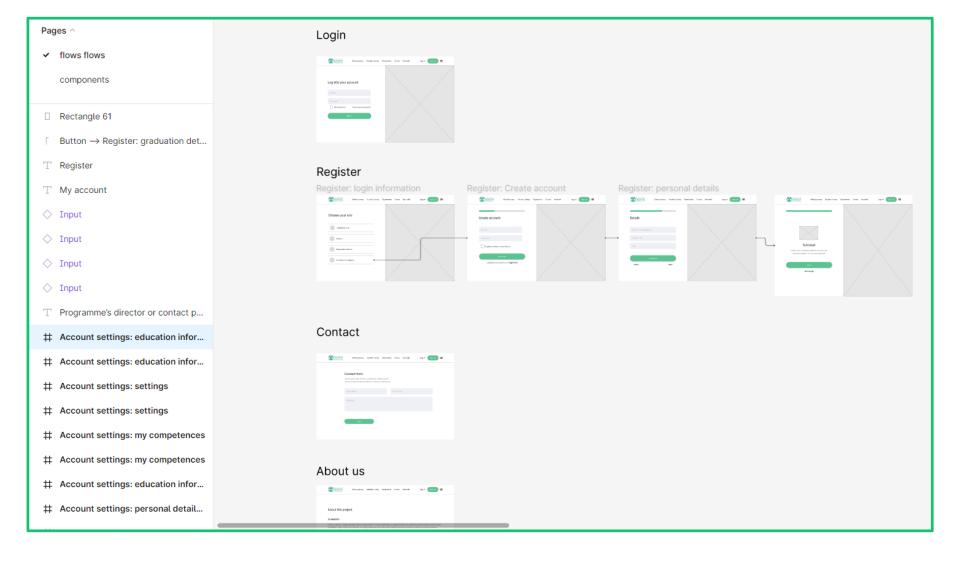


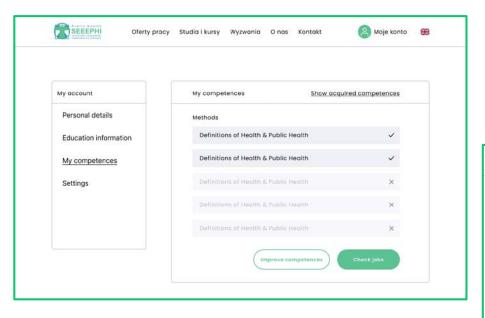
Output

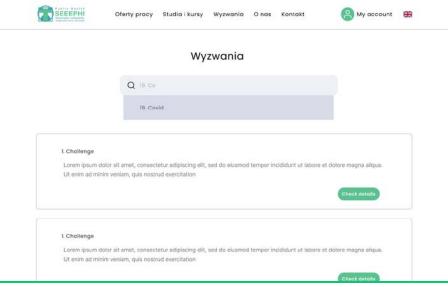


Concept diagrams and further development work



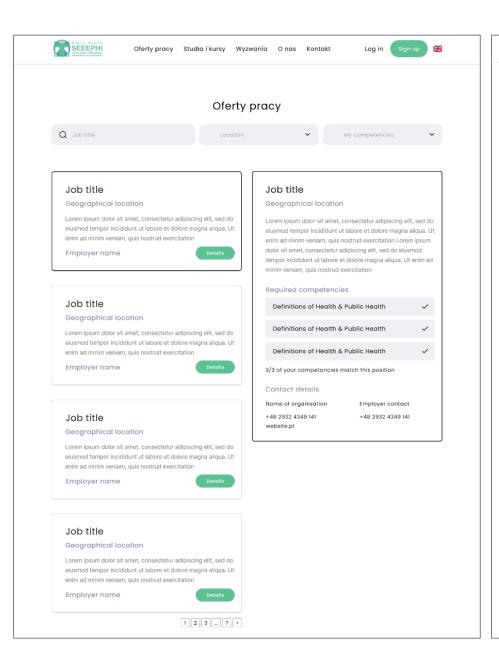


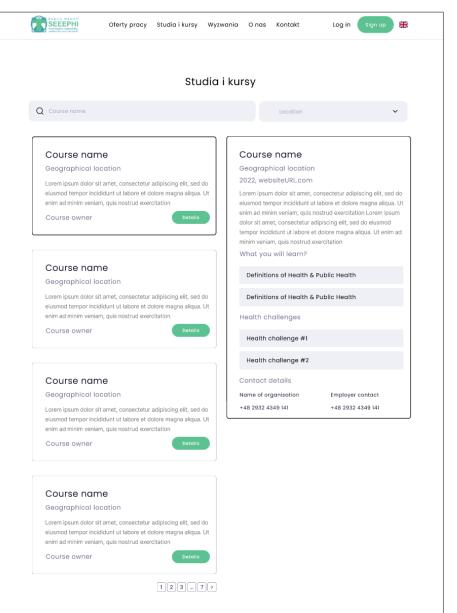




Job offers

Programmes & courses





Translation to Hebrew August – September 2022

Functionality X	Translation·to·	Input¤	Translation·to·	Options¤	★Translation·to·Hebrew
	я Hebrew		¤Hebrew		
New⋅career	עבודה ּחדשה —רישום	Status¤	סטטוסא	Student-or-	מטודנט/ית∙אוּבוגר/ת¤
registration-on-the-	בפלטפורמה∙(הזנת∙			graduate¤	
platform·(data·	נתונים) ¶	School/university¤	מוסדות∙להשכלה∙	List-of-	רשימת∙מוסדות∙להשכלה∙
entry)¶	Ħ		גבוהה¤	schools/universitie	גבוהה¤
¶				s¤	
д		Programme (chosen	תוכנית∙(בחירה∙מתוך∙	List-of-programmes¶	רשימת∙תוכניות¶
		from·the·list)·per·	רשימה)∙לפי∙מוסד∙	¶	¶
		university¤	להשכלה∙גבוהה¤	The · user · should · be ·	¶
				able-to-choose-	הנך∙יכול/ה∙לבחור∙יותר∙
				more-than-1-	מתוכנית-אחת¤
				programme¤	
		(Expected)-year-of-	שנת∙סיום ּ(צפויה) ּשלי	Format-YYYY¤	פורמט-¤YYYY
		graduation (per	אר-(לפי∙תוכנית)¢		
		programme)¤			
		Country-(where-the-	מדינה∙(היכןיי	List-of-countries¤	רשימת∙מדינות¤
		user·lives·at·present)¤	שהמשתמש/תּגר/ה∙		
			ברגע)¤		
		Date-of-birth¤	תאריך∙לידה¤	Format-YYYY¤	פורמט-¤YYYY
		E-mail¤	כתובת∙מייל¤	Entered-manually¤	הכנס/י ידנית¤
		Password¤	סיסמא¤	Entered-manually¤	הכנס/י∙ידנית¤
New⋅career	9	Name-of-the-	שם∙המוסד∙להשכלה∙	Entered-manually¤	הכנס/י ידנית¤
Adding·basic·	עבודה∙חדשה⊷הוספת∙	school/university¤	גבוהה¤		
information-about-	מידע∙בסיסי∙על∙תכנית	Name-of-the-	שם∙התוכנית∙¤	Entered-manually¤	הכנס/י ידנית¤
the ·training ·	ההבשרה∙שאינוייבלולי	programme¤			
programme·which-	ברשימה∙בטופס∙	Name-and-contact-	שם∙ופרטי∙התקשרות∙	Entered-manually¤	הכנס/י ידנית¤
is-not-on-the-list-in-	ההרשמה 	details-of-the-	של∙המנהל/איש∙		
the registration.		programme's∙	הקשראַ		
form¤		director/-contact-			
		person¤			

Translation to Hebrew August – September 2022

WHO-ASPHER		Translation to Hebrew
	Knows the features of demographic structure in a given society or community and understands the process of demographic change and its implications for public health Is able to describe the key features of the epidemiology of the significant causes of morbidity and mortality in the population for which they have	מכיר/ה את המאפיינים של המבנה הדמוגרפי בחברה או בקהילה מסוימת ומבינ/ה את תהליך השינוי הדמוגרפי והשלכותיו על בריאות הציבור מסוגל/ת לתאר את המאפיינים האפידמיולוגיים המרכזיים של הגורמים המשמעותיים לתחלואה ותמותה באוכלוסיה מסוימת
	responsibility Is able to describe the key features of the epidemiology of the significant causes of morbidity and mortality in the population for which they have responsibility	מסוגל/ת לתאר את המאפיינים האפידמיולוגיים המרכזיים של הגורמים המשמעותיים לתחלואה ותמותה באוכלוסיה מסוימת
	Uses vital statistics and health indicators effectively to increase knowledge and generate evidence about population health, including within at-risk and vulnerable groups	משתמש/ת בשיטות סטטיסיטיות וסמנים בריאותיים ביעילות, במטרה להגדיל את הידע ולייצר עדויות לגבי בריאות האוכלוסייה, כולל בתוך קבוצות בסיכון ופגיעות
1,6	Contributes to or leads community-based health needs assessments ensuring that these assessments consider biological, social, economic, cultural, political physical determinants of health and wider	מוביל/ה או תורמ/ת להערכת צרכים בריאותיים מבוססי קהילה, ומבטיח/ה שההערכה מתחשבת בגורמים ביולוגיים, חברתיים, כלכליים, תרבותיים, פוליטיים הקשורים לבריאות וכן בגורמים רחבים יותר של

Translation to Hebrew August – September 2022

who-		Translation to Hebrew
1,	1 Knows the features of demographic structure in a given society or community and understands the process of demographic change and its implications for public health	מכיר/ה את המאפיינים של המבנה הדמוגרפי בחברה או בקהילה מסוימת ומבינ/ה את תהליך השינוי הדמוגרפי והשלכותיו על בריאות הציבור
1,	2 Is able to describe the key features of the epidemiology of the significant causes of morbidity and mortality in the population for which they have responsibility	מסוגל/ת לתאר את המאפיינים האפידמיולוגיים המרכזיים של הגורמים המשמעותיים לתחלואה ותמותה באוכלוסיה מסוימת
1,	Is able to describe the key features of the epidemiology of the significant causes of morbidity and mortality in the population for which they have responsibility	מסוגל/ת לתאר את המאפיינים האפידמיולוגיים המרכזיים של הגורמים המשמעותיים לתחלואה ותמותה באובלוסיה מסוימת
1,	Uses vital statistics and health indicators effectively to increase knowledge and generate evidence about population health, including within at-risk and vulnerable groups	משתמש/ת בשיטות סטטיסיטיות וסמנים בריאותיים ביעילות, במטרה להגדיל את הידע ולייצר עדויות לגבי בריאות האוכלוסייה, כולל בתוך קבוצות בסיכון ופגיעות
1,	Contributes to or leads community-based health needs assessments ensuring that these assessments consider biological, social, economic, cultural, political physical determinants of health and wider determinants of health such as	מוביל/ה או תורמ/ת להערכת צרכים בריאותיים מבוססי קהילה, ומבטיח/ה שההערכה מתחשבת בגורמים ביולוגיים, חברתיים, כלכליים, תרבותיים, פוליטיים הקשורים לבריאות וכן בגורמים רחבים יותר של בריאות כמו חסך
1,	1 Knows the features of demographic structure in a given society or community and understands the process of demographic change and its implications for public health	מכיר/ה את המאפיינים של המבנה הדמוגרפי בחברה או בקהילה מסוימת ומבינ/ה את תהליך השינוי הדמוגרפי והשלכותיו על בריאות הציבור
1,	2 Is able to describe the key features of the epidemiology of the significant causes of morbidity and mortality in the population for which they have responsibility	מסוגל/ת לתאר את המאפיינים האפידמיולוגיים המרכזיים של הגורמים המשמעותיים לתחלואה ותמותה באוכלוסיה מסוימת
1,	3 Uses vital statistics and health indicators effectively	משתמש/ת בשיטות סטטיסיטיות וסמנים בריאותיים ביעילות, במטרה להגדיל את הידע ולוואר עדווות לגבו בבואות האוכלומווה. בולל במור הבואות במובוו ומנועות

Matters requiring a decision

The sustainability of the platform after project completion

Terms of use, code of use, privacy staement

Language versions: English, Hebrew







Matters requiring a decision

The sustainability of the platform after project completion

Contract: platform maintained by the Empressia I.I. within the project duration

Which Institution will take over the platform?

- expected: in Dec. 2023 at the latest
- server details
- access data to server if guarantee kept
- maintenance after project completion







Matters requiring a decision

Terms of use, code of use, privacy staement

Adjusted to platform location in the 1st stage

Afterwards







Response time & Deadlines

Response to inquiries from development team

<7 days

Delivery of the translation of the interface

14 days from receiving the list generated by Empressia

Decision about 3rd language

September 25, 2022

Info, code of use

September 30, 2022







Questions & Discussion





