# 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

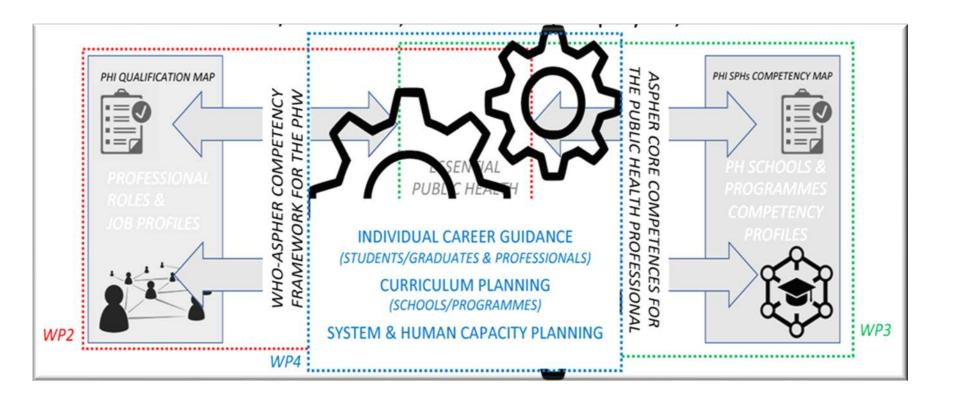
- a high level of usability
- with interfaces customized for specific target groups
- an independent web tool







### 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

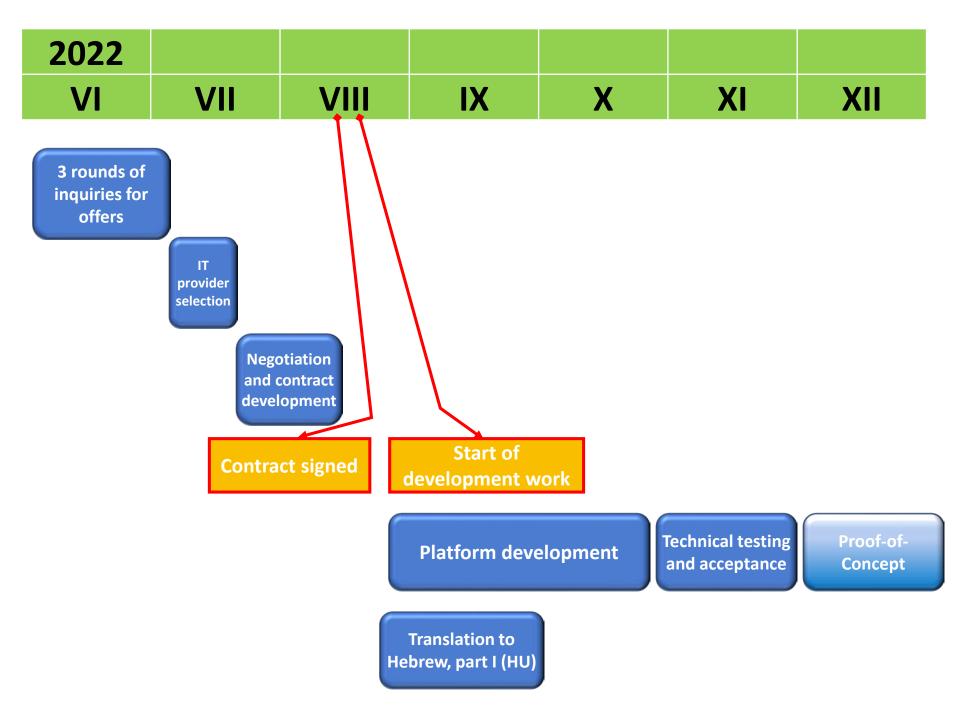
Feedback to the Consortium, Ashkelon Meeting

Tender documentation









## Quick overview of preceding work





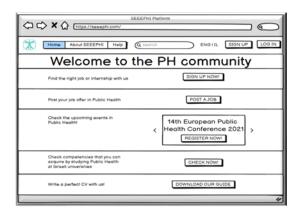


## Conceptual background of the platform (HU, JU) Sept. 21 – Jan. 22

#### Personas



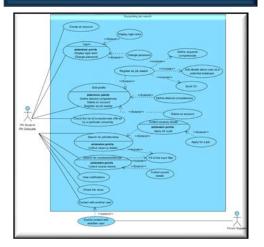
#### Wireframes



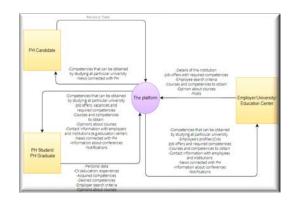
#### **Functionalities**

#### **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			universities/admin
		university	The user should be		
			able to choose		
			more than 1		
			programme		
		(Expected) year of	Format YYYY		
		graduation (per			
		programme)			
		Country (where the	List of countries		
		user lives at present)			
		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 is not on the list in	Name and contact	Entered manually	Automatically sent email	
		details of the		to programme's director	
	the registration form	programme's		to define and enter into	
	IOIIII	director/ contact		the system the particular	
		person	I .	programme	I

PH Professional	Ongoing career – registration on the	Name of the job position	List of job positions	
Professional	platform(data	Institution/Employer	List of institutions/	
	entry)	insutution/Employer	employers	
	entryj		or name entered	
			manually (if	
			institution is not on	
			the list)	
		Educational	List of	
		background –	schools/universitie	
		school/university	schools/universitie	
		School, drillversity	,	
			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	Entered manually	
		school/university		
		E-mail	Entered manually	
		Password	Entered manually	
	Adding/editing a	Name of the	Entered manually	
	degree	programme		
	programme	Year of the	List	
		programme		
		Description of the	List	ECCLPHP
		programme		
		according to		
		competencies		
		(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**

#### Schedule

List/vocabulary/mapping

## 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		X		Х	X
Review of EPHO/competences profile	х	×			
Review of current population health challenges	Х	Х	х		

Input

school/university

Review of that match profile

User

Functionality

	, , , , , , , , , , , , , , , , , , , ,	,	, and the second	 file if av	ailable (to be d for tender)	
Student/ graduate	New career – registration on the	Status	Student or graduate			
	platform (data entry)	School/university	List of schools/universitie s	students ca health/pub	ersities where an study public dic health djects in Israel	
7		Programme (chosen from the list) per university	List of programmes  The user should be	Programm universities		Al
			able to choose more than 1 programme		Domain	
		(Expected) year of graduation (per programme)	Format YYYY			F
		Country (where the user lives at present)	List of countries			r
		Date of birth	Format YYYY		4	L
		E-mail	Entered manually			
		Password	Entered manually			
	New career -	Name of the	Entered manually		10	Н

Options

Output

Input & output by categories of users

Adding basic

M	a	p	pi	in	g
		_	I -		$\mathbf{c}$

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:     Przygotowanie wizualnej formy Platformy (layout /szablon Platformy) i akceptacja przez Zamawiającego projektu graficznego Platformy.     Przygotowanie opisu wymagań użytkownika i akceptacja przez Zamawiającego	termin realizacji <b>do 15</b> <b>dni roboczych</b> 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 <b>do 50</b> <b>dni roboczych</b> od początku obowiązywania umowy z Wykonawcą
III.	Szkolenie użytkowników.     Dostarczenie dokumentacji użytkownika,	termin realizacji do 50 dni roboczych od

/	Abridged WP3 Competence List (ECCLPH)		WHO-ASPHER Competencies
	(LCCLI II)		(CFPHW) –
Domain	Competences	EPHOs	Non Comprehensive
Domain	competences		List
	Deficial and after the C. Dublic Health	4	
	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
<i>T</i>	Epidemiologic Study Designs:	1, 10	1.7
<b>/</b>	Observational		
sp	Epidemiologic Study Designs:	1, 10	1.7
¥	Experimental		
Methods	Qualitative Research Methods	1, 10	1.7
	Questionnaire Design & Scaling	1, 10	1.7
	Statistical Concepts		1.3, 1.4
	IT & Data Handling	1, 10	1.4
	Scientific Writing & Reading	1, 10	10.6, 1.4
	Davidan a DII Dagaarah Drotagal	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

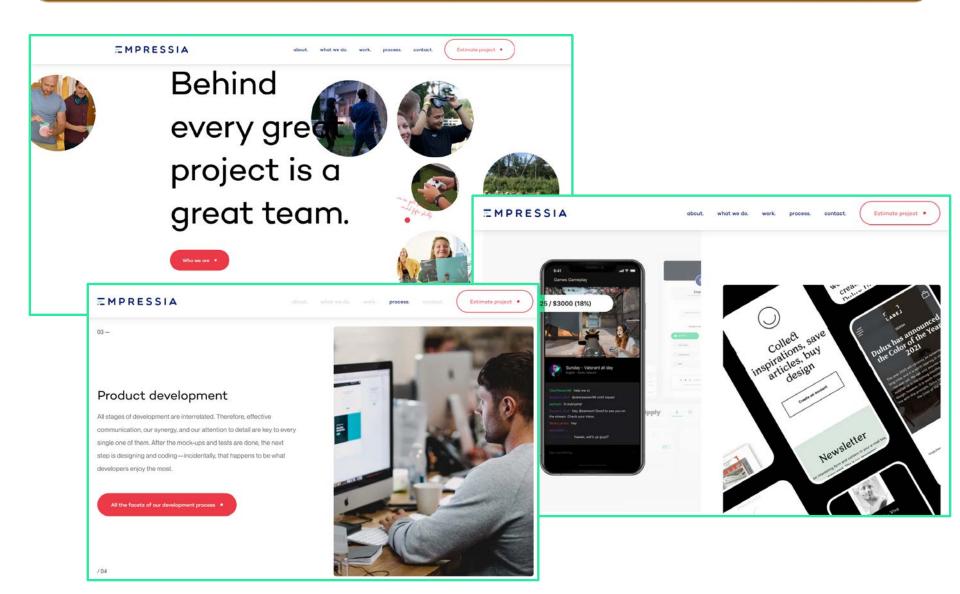
#### Output



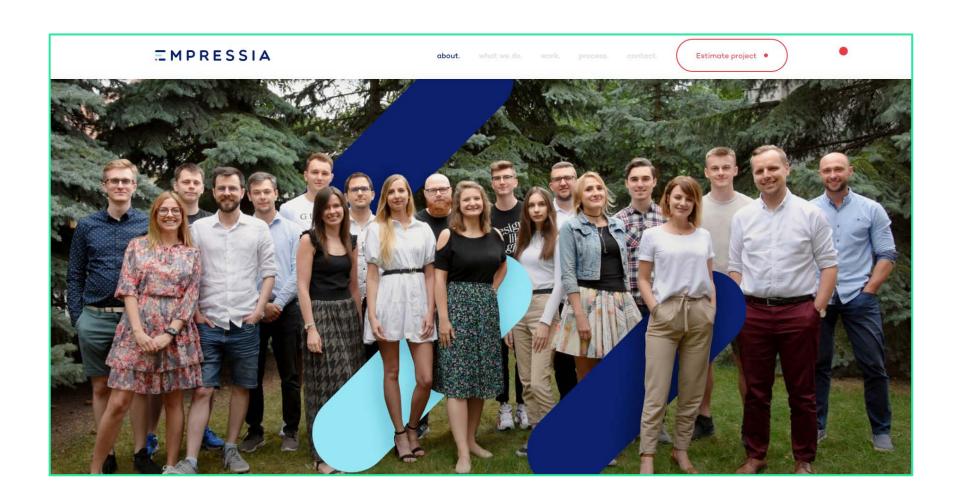
Market of IT providers analyzed

## Companies invited in 3 rounds of inquiry for offers:

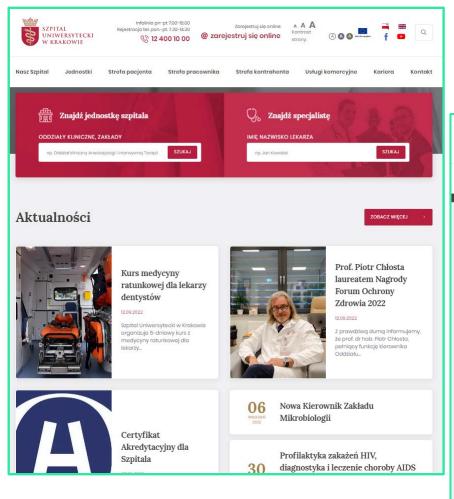
- 1. Anex
- 2. InWeb
- 3. Tredo Trendy Domains
- 4. Webyourself.pl
- 5. Webiso Dominski, Maziar, Sp.J.
- 6. Freshweb
- 7. GQ Group I.I Heronsite
- 8. WebTech
- 9. Millenium Studio
- 10. WebFalcon
- 11. Empressia



## 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



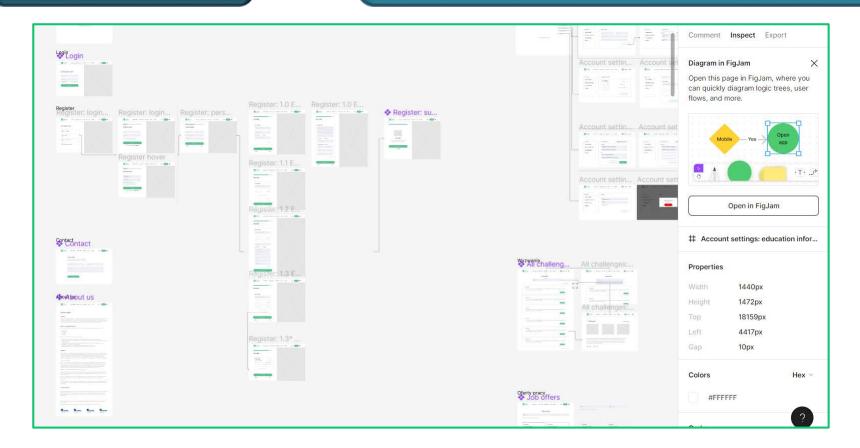


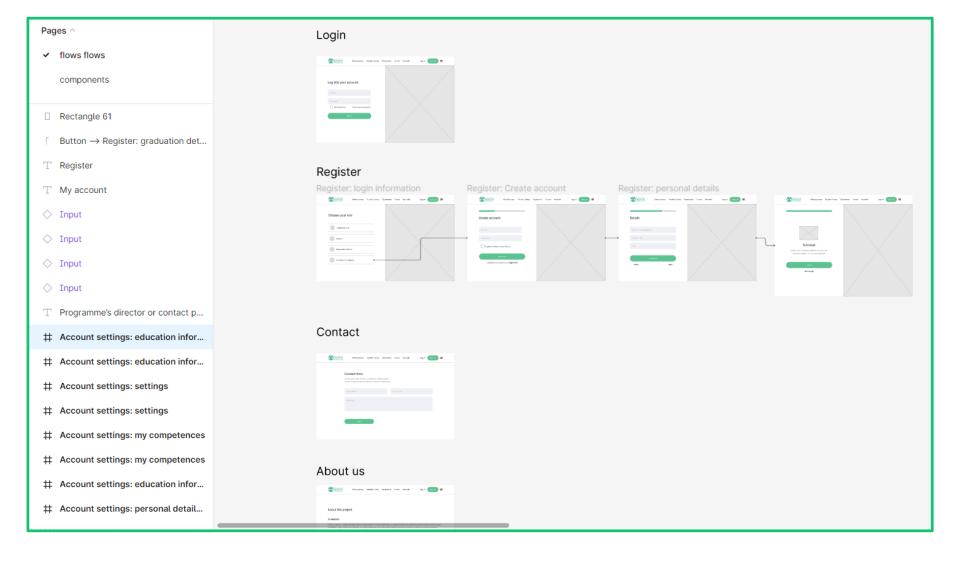


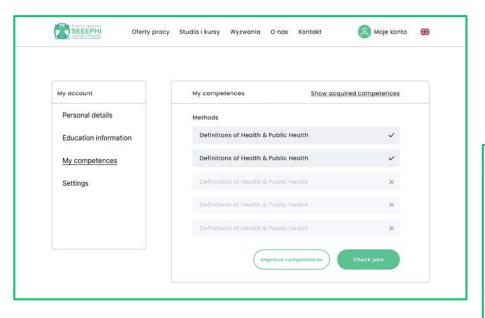
#### Output

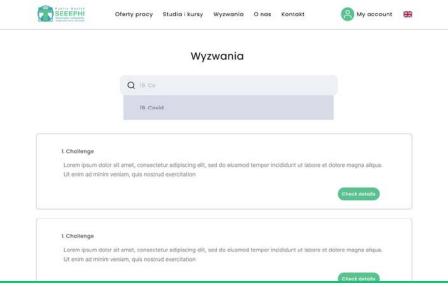


## Concept diagrams and further development work



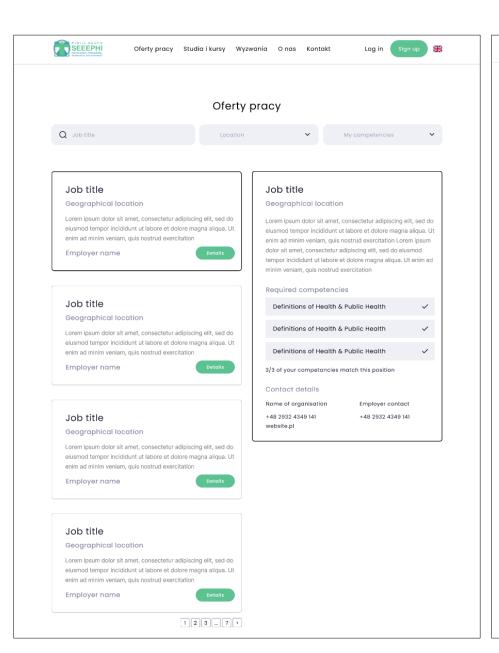


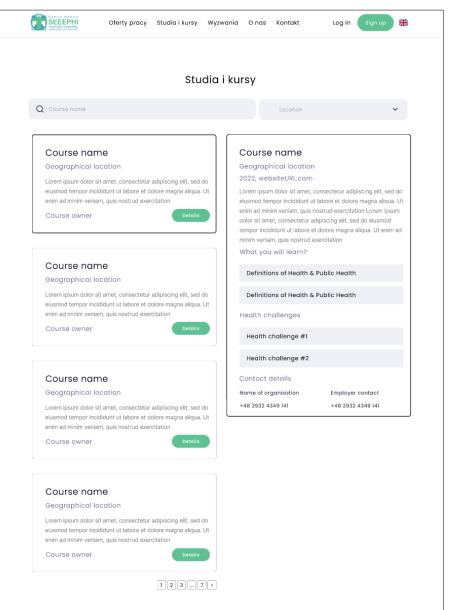




#### Job offers

#### Programmes & courses





## Translation to Hebrew August – September 2022

Functionality  X	Translation·to·	Input¤	Translation·to·	Options¤	★Translation·to·Hebrew
	я <b>Hebrew</b>		<b>¤Hebrew</b>		
New⋅career	עבודה ּחדשה —רישום	Status¤	סטטוסא	Student∙or∙	מטודנט/ית∙אוּבוגר/ת¤
registration-on-the-	בפלטפורמה∙(הזנת∙			graduate¤	
platform·(data·	נתונים) <b>¶</b>	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∙	¶	<b>¶</b>
		university¤	להשכלה∙גבוהה¤	The · user · should · be ·	<b>¶</b>
				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 <b></b>	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 באובלוסיה מסוימת
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 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,	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 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 עלוואר עדווות לגבו בבואות האוכלומווה. בולל במור הבואות במובון 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





