

OUTPUT FACT SHEET

Tools

Version 2

Project index number and acronym	CE 1345 SIV
Output number and title	O.T3.2 Matching Tool
Responsible partner (PP name and number)	Centire s.r.o. (PP11)
Project website	https://www.interreg-central.eu/Content.Node/SIV-.html
Delivery date	31 May 2022
Summary description of the key features of the tool (developed and/or implemented) and of its transnational added value	

The matching tool was created primarily for the purpose of online matching of job seekers and employers - as the main target groups of the SIV project. Matching tool embedded in the matching portal "Práca v kocke" is used to match registered job seekers (candidates) and suitable job offers. The matching tool automates and speeds up the primary filtering of suitable job seekers for vacancies.

The matching portal has the following main uses:

- (1) Registration of job seekers
- (2) Registration of employers (and job offers)
- (3) Matching job seekers and suitable job offers
- (4) Offer of training and coaching and registration for them

The portal was created "from scratch" by Centire - the workpackage leader of T3 - WP which includes voucher programs and matching tools. Centire employees have the skills and experience to develop similar portals, so there was no need to allocate this work to third parties. The main person responsible for the development and launch of the matching tool / portal was Ivan Čonka.

The progress of the work was based on an analysis of project needs. Subsequently, Ivan Čonka coded the portal, its database, tables and structure - by the programming language and by web server. The visual side included in the portal is CSS Framework Bootstrap, design was developed by Centire. The framework is responsive, that is adapts to screen size (adapts to the size of your mobile phone, tablet or desktop). The tool uses Eclipse form for PHP.

The technologies used are quite recent. We used the PHP free components for good quality website which can withstand high load and many users. Subsequently, Ivan inserted all texts and pictures (e.g. logo). The matching feature consists of comparing arrays of data of a job seeker (from his / her CV on the portal) against an array of the job offer (job vacancy published by an employer). The matching code / technology compares numbers, ie all options indicated in the CV or job offers are transferred to numbers. Subsequently those numbers are compared under the condition "if" (higher / equal / smaller). In the matching process, the system compares "values" (not text). The portal is hosted at Centire servers.

The portal was developed by Centire in 2020 and tested internally and externally. The main operation was launched in 2021 with updates during 2021 and 2022. The transnational added value consists in its possible transfer for other project partners. Centire has had several discussion about transferring the system to German partners.

NUTS region(s) where the tool has been developed and/or implemented (relevant NUTS level)

The matching tool (embedded in the matching portal) was developed in Bratislava region (NUTS 3).

The matching tool has been used by users (admin/job seekers/employers) from following NUTS 3 regions:

- Bratislava region
- Trnava region
- Trenčín region
- Nitra region
- Žilina region
- Banská Bystrica region
- Košice region
- Prešov region

Expected impact and benefits of the tool for the concerned territories and target groups

The benefit of creating and operating a matching tool is threefold:

- (1) The matching tool facilitated and streamlined the work of the project team for Centire in the registration of target groups and their matching, which did not need to be done manually
- (2) Centire has tested the development of a matching tool that can also be used by other partners - either project or other stakeholders.
- (3) The matching tool / portal is also an attractive tool for target groups - as it focuses on specific target groups (disadvantaged groups on the labor market) and offers them special job offers and workshops, webinars, individual consultations (coaching and training).

The main beneficiaries of the matching tool are:

- From the project point of view:

- (1) Centire as its developer and main user
- (2) Project partners - potential applicants matching the tool in their countries
- (3) Other external partners who may use the tool in the context of sustainability
- (4) Joint Secretariat

- In terms of target groups:

- (1) job seekers (mainly from disadvantaged groups)
- (2) employers
- (3) other stakeholders

The portal was also presented at stakeholders briefings in Slovakia, namely to representatives of state institutions (ministries), jobs agencies, universities and research centers, etc. The matching tool was also presented at project webinars for the general public as well as at the Practice & Policy Conference.

Sustainability of the tool and its transferability to other territories and stakeholders

Matching tool / portal is owned by Centire s.r.o. The tool / portal is stored on Centire servers. Centire will operate the portal for at least in the period of project sustainability, ie 5 years. Centire allocates employees who will take care of the content page of the portal as well as its promotion. Once a year, it is necessary to update the portal, which will be provided by the IT department.

Centire discusses transfer matching tool for German partners. The portal can also be used in all other countries involved in the project. The application used at the portal but is not multilingual, the database (options) must therefore be translated and inserted directly (which is not a problem).

Centire plans to help and support employment for disadvantaged groups in the sustainability period of the project and the matching tool / portal will be one of the main tools - especially for job seekers and employers registration. Centire communicates intensively with the Jeden rodič organization about the possibility of using the portal for flexible job positions suitable for single-parents. Therefore, it is more than likely that the portal will be managed in cooperation with this organization, which manages these suitable job offers manually now.

In addition, GrantExpert was inspired by the matching tool on its new website, where it will also promote suitable jobs in EU funded projects, which will also be suitable for disadvantaged groups and will thus be part of the voucher program also within sustainability.

Stakeholders who will benefit in the future from the functioning of the matching tool / portal are mainly state institutions (ministries, labor offices), potentially job agencies and mainly umbrella organizations of disadvantaged groups. In addition, the portal collects interesting data that can be used for research in this area.

The main lesson learnt is to allocate enough worktime for a person managing the operation of the portal.

References to relevant deliverables and web-links If applicable, pictures or images to be provided as annex

The matching tool is embedded in the portal “Práca v kocke” : <https://www.pracavkocke.sk/>

The most relevant related deliverables are (all available in eMS):

- *D.T3.1.2 Match-making algorithm*
- *D.T3.1.4 Data collection API*
- *D.T3.2.3 Adapted Data Collection API*
- *D.T3.3.3 Contact Lists*
- *D.T3.3.6 Online Matching*

For print screen from the portal, including the source code, please see Annex.