

The VET Graduate Tracking (SZPR) System

Aims, population, and the use of data



2024.11.18.



Az Európai Unió
társfinanszírozásával

Legislation on public and vocational education

	Vocational education and training (vocational school, technical school) Adult learning	Public education (nursery, primary school, high school)
Supervising ministry	Ministry of Culture and Innovation (policy)	Ministry of Interior (policy)
Central state administrative body	National Office of Vocational Education and Training and Adult (NOVETAL) Learning (public administration)	Educational Authority (public administration)
Public register	Central Information System for Vocational Education and Training (SZIR) – student and faculty record Database for Adult Learning (FAR)	Central Information System for Public Education (KIR) – student and faculty record
Legislation	Vocational Training Act	Public Education Act

NOVETAL, student registration system and the graduate tracking system

- NOVETAL operates the registration system of vocational training and adult education. All participants in school-based VET or adult learning are included in the data integration.
- Regarding vocational training, there are 520 schools and 310 000 students currently. Their data is synchronized by the VET registration system (SZIR) from the school records every four hours.
- All trainings in adult education is represented, with a narrower content.
- The VET graduate tracking system was established in June 2021 (pilot), The first data integration started in 2022.
- Two types of data collection:
 - I. Connecting administrative data (Data Integration Module)
 - II. Questionnaire and research data /separated from admin data/ (Survey Module)

Aims

Anonymous administrative data collection (education, taxation, population and social security databases;



Developing longitudinal surveys of graduates at the level of the educational system and institutions

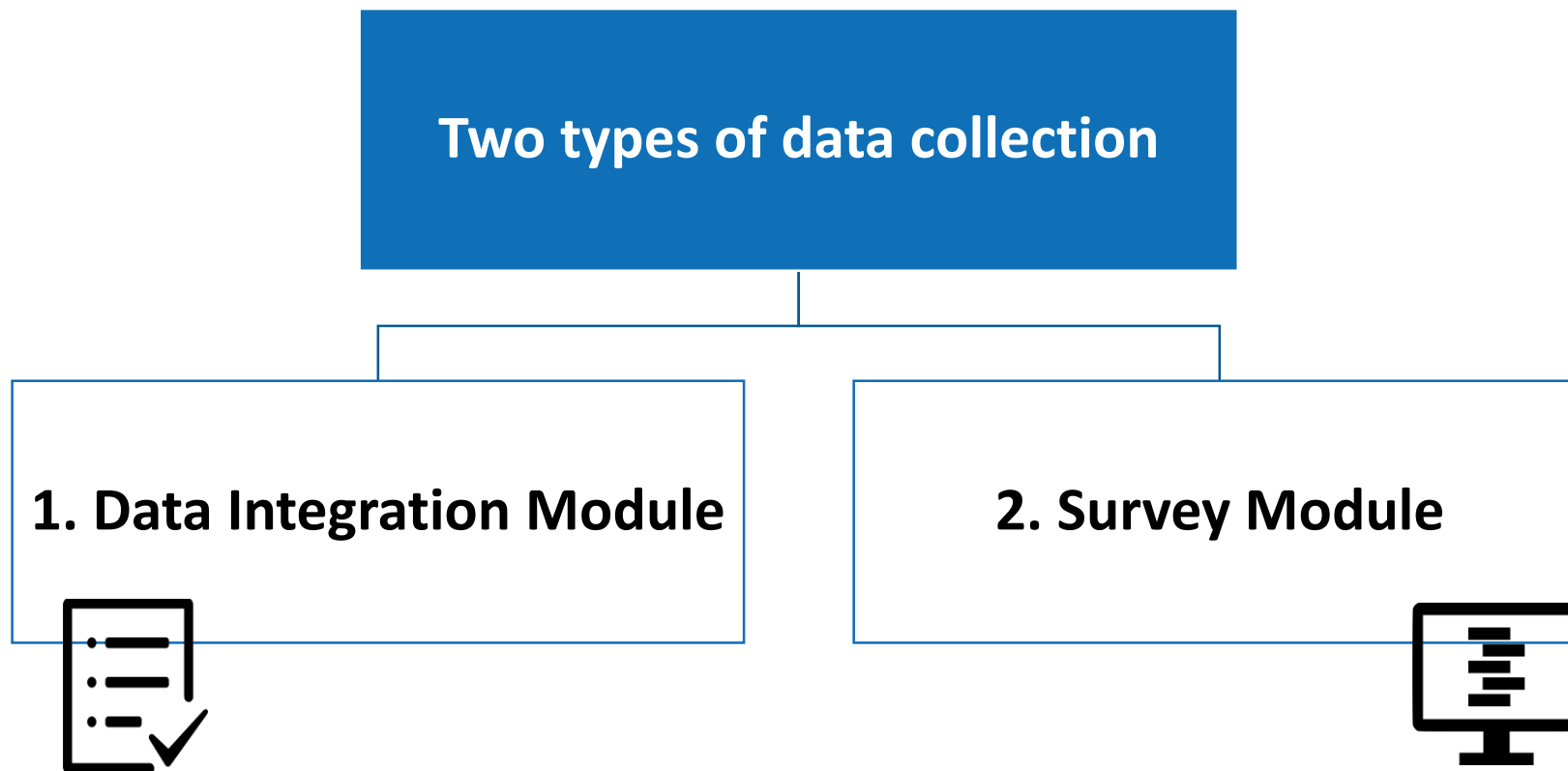


Enabling authorities to link data from different sources in an anonymised way in order to build a comprehensive picture.

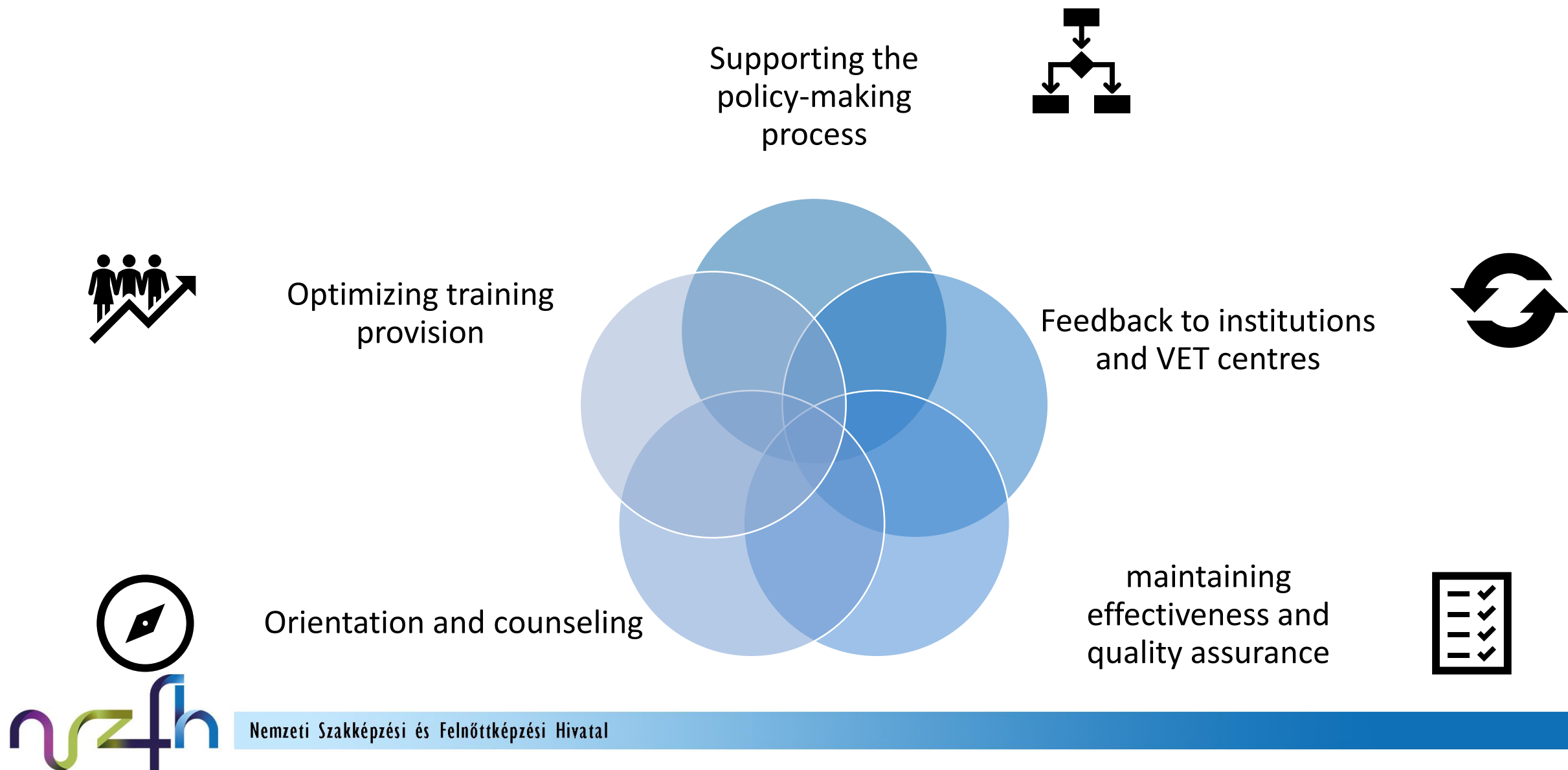


Encouraging a high, representative and sustainable response rate to longitudinal surveys among graduates

Setup



Aims



Scope of use of VET graduate tracking results

Decision makers

Labourmarket actors

Students before a career path

Stakeholders

Institutions and trainers

Structure

Jogszabályi kötelezettség alapján az NSZFH mint működtető végzi a szakképzési és felnőttképzési pályakövetést.

Aim of SZPR

szakpolitikai döntéselőkészítési folyamat támogatása

minősegbiztosítás

visszajelzés az intézmények, fenntartók részére az oktatás hatékonyságáról és színvonaláról

pályaorientáció, pályatanácsadás segítése

szakképzési kínálat optimalizálásának segítése

A pályakövetés
eredmények
felhasználói köre

Döntéshozók

Munkaerőpiac

Tanulók, pályaválasztás előtt állók

Fenntartók

Intézmények és képzők

A pályakövetés kétféle
adatgyűjtéssel valósul meg

1. Kérdőíves modul

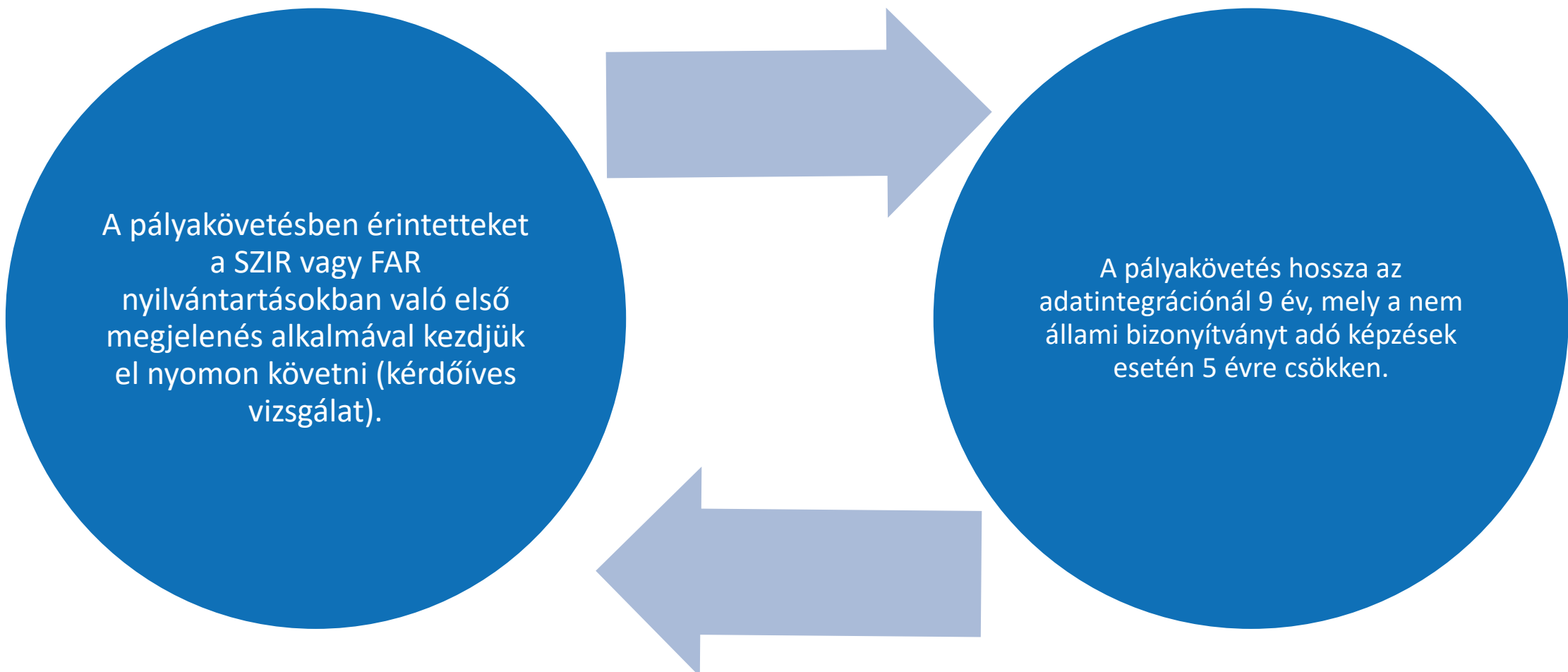
2. Adatintegrációs
modul

Structure – population

A pályakövetésben érintetteket a SZIR nyilvántartásokban való első megjelenés alkalmával kezdjük el nyomon követni (kérdőíves vizsgálat), függetlenül attól, hogy az illető a vizsgálati időszak alatt lezárta-e a képzését. Ennek megfelelően az aktív tanulói, felnőttképzési vagy felnőttoktatási jogviszonnyal rendelkező személyek is a minta részét képezik. .

A pályakövetés során egyéni életutak követése történik, a szakképzésbe való belépéstől számítva. Megtörténik a képzésük mellett párhuzamosan munkát vállaló tanulók azonosítása, jellemzőinek megismerésére, illetve a lemorzsolódók azonosítására is. A hazai pályáívek mellett az adminisztratív adatokból a nemzetközi mobilitás monitorozása is lehetséges.

Structure – time dimension



A pályakövetésben érintetteket a SZIR vagy FAR nyilvántartásokban való első megjelenés alkalmával kezdjük el nyomon követni (kérdőíves vizsgálat).

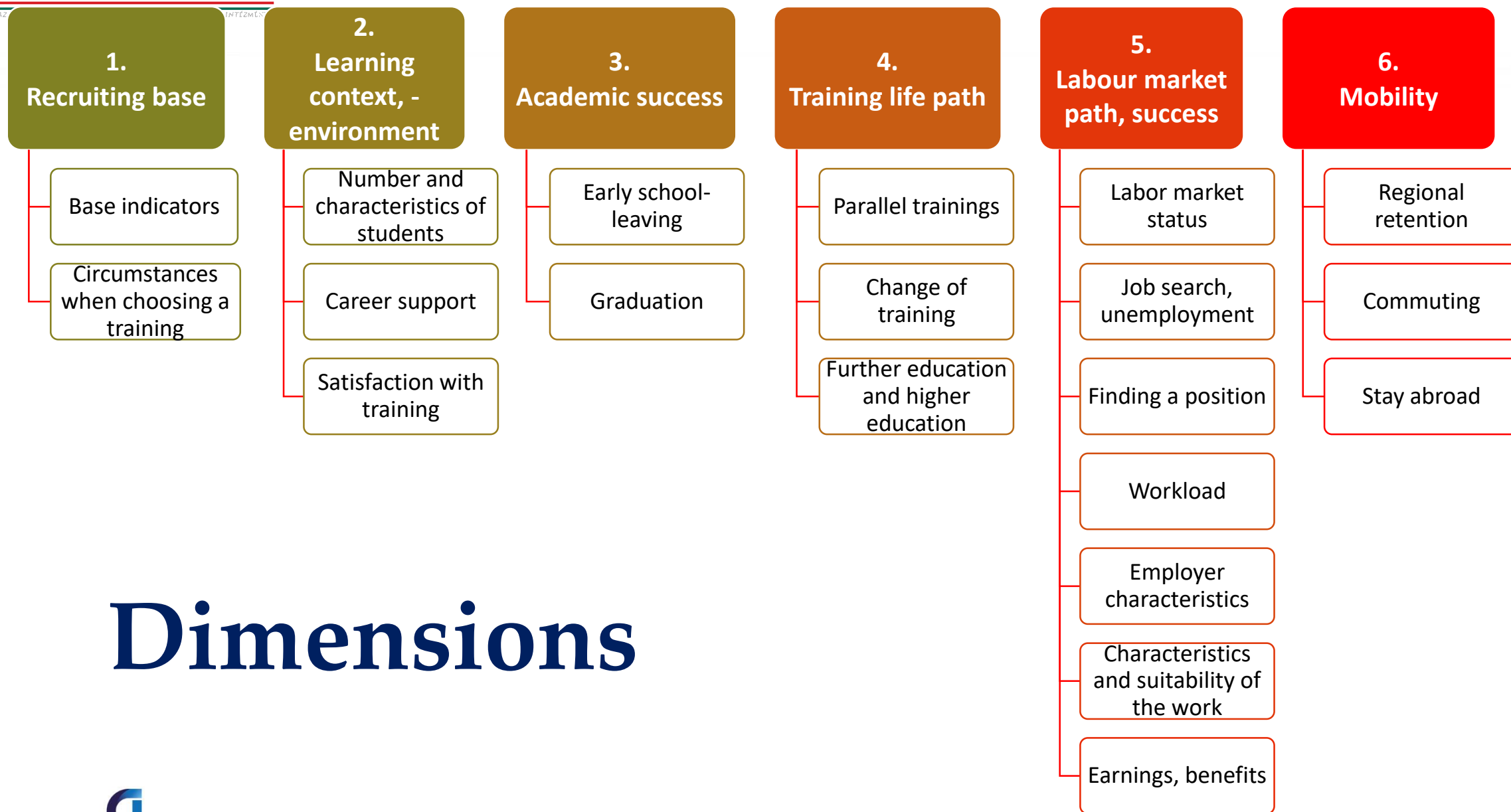
A pályakövetés hossza az adatintegrációnál 9 év, mely a nem állami bizonyítványt adó képzések esetén 5 évre csökken.

Data integration module

- The tracking process starts when participants first appear in the registers SZIR or FAR.
- Students who did not complete their education during the study period are also part of the sample.
- The length of the career tracking is the training period. Then the tracking continues for 9 years after the end of the training, which is reduced to 5 years in the case of training programs that do not award a state certificate.
- The scope of examined data: participation in training, labour market, social security, benefits, etc.

Methodology of the data integration module

- Connecting the public registers in an individual single-row, depersonalized form.
 - two times a year
 - using three anonymized hash code (based on social security number, education identification number, tax identification number)
 - 7 data owners
 - 118 data fields
- The sample of the first data connection was made up of those appearing in the SZIR or FAR system between September 1, 2020 and December 31, 2021.
 - ~240.000 people in vocational training
 - ~950.000 people in adult learning
- In order to include those newly appearing in the SZIR or FAR system, the sample is expanded every six months, with each data integration.



Dimensions

Questionnaire in school-based VET - yearly

Target group	9th grade students participating in school-based vocational training or students in flexible training	Students in „between” classes participate in school-based vocational training	Students preparing to complete their studies
What do we get an answer to?	• Motivation for career choice • The role of scholarships • The impact of primary schools and vocational training institutions on career guidance • The career guidance impact of professionals, events and events • The role of family background • Academic history, learning difficulties • Developments received	• Academic progress • Study and employment plans • Satisfaction with training • Satisfaction with teachers and instructors • Knowledge and experience related to career guidance opportunities and career counseling • Role of family background, parental expectations • Learning difficulties	• Motivation for career choice • Satisfaction with training • Further study plans • Employment plans • Knowledge of further education and employment opportunities • Role of family background • Knowledge and experience related to career guidance opportunities and career counseling

The current situation

- Questionnaire investigation: 4rd data collection has been completed (37,000 respondents), an annual report is ready (in Hungarian)
- Data integration: the 4th data transfer is completed, 1st vocational training center level reports published September-December 2023
- *News about the graduate tracking and some preliminary results will be published on the CEDEFOP website soon.*

Thank you for your attention!

The 3 test periods so far

- The first data integration:
 - Data generated between February 1, 2021 and December 31, 2021
 - Date of data transfer: April-May 2022
- Afterwards, every six months, with the schedule below:
 - Period between October 1, 2021 and March 31, 2022
 - Date of data transfer: July 2022
 - Period between April 1, 2022 and September 30, 2022
 - Date of data transfer: December 2022
 - The 4th data integration is in progress – period between October 1, 2022 and March 31, 2023