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VET Tracer Study in Uzbekistan 2023 GRADUATE QUESTIONNAIRE

INVITATION

Hello, the Ministry of Higher Education, Science and Innovations of the Republic of Uzbekistan with the support of the European Training Foundation conducts the pilot Tracer Study of VET-schools alumni. The goal of this survey is to know to what extent received knowledges match to employers' requirements and helped you to get job and make your career. This information will be used for creation of recommendations on professional and technical education quality development in Uzbekistan.

The VET-school you graduated from was selected for participation in the project, so why your answers are very important as well as other alumni of the year 2023. We guarantee full confidentiality for you and your answers. They will be used in aggregate form together with the answers of other respondents.

In case of any question about the survey, please, contact to you curator.

To start the survey, follow the link: *[THE LINK OF THE ON-LINE QUESTIONNAIRE FORM]*

CONSENT

Thank you for considering participation in this survey.

We would like to draw your attention once again to the fact that this survey is conducted by the Ministry of Higher Education, Science, and Innovation of the Republic of Uzbekistan with the support of the European Education Foundation and plays significant role to improve the quality of vocational and technical education.

The participation in the survey is volunteer, but your answer is very important for us. We guarantee full anonymously of your answers, nobody could linkage them with your name or contacts.

Do you agree to pay 20 minutes of your time and complete the survey?

Yes	☐	No	☐	(GO TO END OF SURVEY)
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M1. At first, indicate your gender:

Male ☐ 1 Female ☐ 2

M2. How old are you? (ACCEPTABLE VALUE FROM 17 TO 50)

_____ years old

A. THE COURSE OF STUDIES AT THE VET INSTITUTION

A1. Which educational institution did you graduate from last year?

Almalyk Mining and Metallurgical College of Tashkent region	1	Vocational school of Samarkand city	2
Vocational school of Syrdarya region	3	Tashkent College of Railway Transport	4

A2. What specialty did you graduate from?

IF ALMALKYK MINING AND METALLURGICAL COLLEGE

40711401	Car repair mechanic
30711201	Welder (electric welding)
30711302	Turner
30720501	Locksmith

40710416	Repair of power plants and electrical equipment
40710501	Electrician for repair and maintenance of electrical equipment
40711503	Assistant locomotive driver
40721001	Preparation of mineral resources for enrichment
40721401	Mining operator
40410101	Accounting
40711104	Metallurgical crane operator
40711101	Metallurgy of non-ferrous metals
40530101	Geology
40721101	Equipment and technology of mineral exploration
30721002	Crushing and screening of minerals
40720506	Instrumentation and automation adjuster

IF PROF. SCHOOL SAMARKAND

3.53.10.08	Seamstress
3.52.01.03	Computer graphics and design operator
3.81.03.04	Seller, controller-cashier
3.81.03.01	Hairdresser (fashion designer)
3.51.05.01	Car mechanic
3.51.05.02	Diagnostics and repair of car engines
3.54.04.02	Master of operation and installation of sewerage and water supply
3.53.06.01	Welder (electric-gas welding)

IF PROF. SCHOOL OF SYRDARYA DISTRICT

	Car maintenance and repair mechanic
	Tire mechanic
30711302	Turner
30711201	Welder (gas-electric welding)
30610101	Master of Digital Information Processing
30720707	Seamstress
	Cook, pastry chef
31010301	Hairdresser (stylist)
	Laboratory Analyst
	Plumber for construction and installation work
	Construction materials production operator

IF TASHKENT TECHNICAL SCHOOL OF RAILWAY TRANSPORT

40410101	Accounting
5.32.06.01	Accounting and auditing
40411001	Employee management
40711502	Electricians for repair of electrical equipment of rolling stock (electric locomotives, electric trains)
40711507	Power supply in railway transport
40711510	Centralization post operator
40711511	Train Compiler
40711512	Freight and commercial work on railway transport
40711514	Organization of paramilitary security in railway transport
4.51.05.07	Electricians for the repair of electrical equipment of moving stock (electric locomotives, electric trains).
4.51.05.17	Freight and commercial work on railway transport
4.51.05.18	Technical operation and repair of railways
4.51.05.19	Organization of military security in railway transport

4.51.05.20	Maintenance of operational-technological communications
5.51.05.03	Electrification and power supply in railway transport.
5.51.05.04	Automation and telemechanics in railway transport.
5.51.05.05	Organization and traffic management.
5.51.05.06	Maintenance of railway bridges and tunnels.
5.51.05.07	Maintenance and repair of locomotives
5.51.05.08	Maintenance and repair of railway cars
5.51.05.09	Maintenance of radio communication systems in railway transport
5.51.05.10	Maintenance of wired communication systems in railway transport
5.51.05.11	Ensuring information security and informatization in railway transport
5.51.05.12	Electronic systems and equipment in railway transport
5.54.07.01	Construction of railways, track and track facilities
5.82.01.05	Customer service in railway transport

A7. To what extent were the following reasons important for your decision to study at the VET institution and for the specialty? Rate it on a 5-point scale, where 1 – Not at all, 5 – Very important

	Not at all				Very important
This is a family tradition (everyone has this profession)	1	2	3	4	5
Parents decision	1	2	3	4	5
I like this profession; it is my dream	1	2	3	4	5
Prestigious of this profession	1	2	3	4	5
Easy to find a job	1	2	3	4	5
Good incomes	1	2	3	4	5
I already worked in this specialty; I needed diploma	1	2	3	4	5
Very good and prestigious VET institution	1	2	3	4	5
Close to home	1	2	3	4	5
There were no other study opportunities	1	2	3	4	5

B. INTERNSHIP AND WORK EXPERIENCE DURING THE COURSE OF STUDIES AT THE VET INSTITUTION

B1. Did you do any internships during your course of studies?

Yes ☐ 1	No ☐ 2
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B5. Were you employed during your study?

Yes ☐ 1	No ☐ 2 (GO TO C2)
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B7. Did you work the same specialty as you studied or different one?

Yes, the same ☐ 1	No, different ☐ 2
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C. EVALUATION OF STUDY CONDITIONS AND STUDY PROVISIONS AT THE VET INSTITUTION

C2. How would you rate the conditions and quality of education at the educational institution?

Rate it on a 5-point scale, where 1 – Very bad, 5 – Very good

	Very bad				Very good
Level and quality of training in general	1	2	3	4	5
Providing training materials and equipment	1	2	3	4	5
Quality of technical equipment (e.g. laboratory equipment, measuring instruments, workshops, computer labs)	1	2	3	4	5
Availability of technical equipment	1	2	3	4	5
Teachers' skill level	1	2	3	4	5
Possibility of consultations with teachers	1	2	3	4	5
Internship program	1	2	3	4	5
Quality of buildings	1	2	3	4	5

C4. How much do you agree with the following statements?

Rate it on a 5-point scale, where 1 – Completely disagree, 5 – Fully agree

	Completely disagree				Fully agree
At the educational institution I received all the knowledge and skills necessary to work in my specialty	1	2	3	4	5
Training courses meet the latest practical requirements	1	2	3	4	5
Practical experience of teachers is high	1	2	3	4	5
The content of the educational material is practically oriented	1	2	3	4	5
The educational institution helped with employment/ job search	1	2	3	4	5
The educational institution helped in finding internships	1	2	3	4	5

D. COMPETENCIES AND SATISFACTION WITH STUDY

D2. Today, how would you rate your skill level?

Rate it on a 5-point scale, where 1 – Very low or not at all, 5 – Very high

	Very low or not at all				Very high
Professional (technical) skills relevant to my profession	1	2	3	4	5
Literacy	1	2	3	4	5
Ability to count (including calculations of volumes of material, area, etc., etc.)	1	2	3	4	5
Proficiency in information and computer technologies	1	2	3	4	5
Proficiency in foreign languages	1	2	3	4	5
Teamwork skills	1	2	3	4	5
Customer service skills	1	2	3	4	5
Problem solving skills	1	2	3	4	5
Organizational and planning skills	1	2	3	4	5
Learning ability	1	2	3	4	5
Ability to adapt to change	1	2	3	4	5

D3. If you were to choose again, how likely is it that you would choose...

Rate it on a 5-point scale, where 1 – Would never choose, 5 – Would absolutely choose

	Would never choose				Would absolutely choose
...same major/field of study?	1	2	3	4	5

...the same educational institution	1	2	3	4	5
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E. AFTER GRADUATION FROM THE VET INSTITUTION

E1. What applied to your situation the best in the first six months after graduating?

1	Full employment	(GO TO E2)
2	Part-time employment	(GO TO E2)
3	Self-employed/freelancer	(GO TO E2)
4	Temporary work / seasonal work	(GO TO E2)
5	Internship	(GO TO E2)
6	Further education (higher education or vocational)	(GO TO E5)
7	Military service	(GO TO E5)
8	Housewife, househusband, family work	(GO TO E5)
9	Could not work due to health problems (disabled)	(GO TO E5)
10	Not employed, but searching for a job	(GO TO E5)
11	Not employed and was not searching for a job	(GO TO E5)

E2. When did you start your first job after graduation?

1	Before graduation	(GO TO F2)
2	At the time of graduation	(GO TO E5)
3	Less than 1 month after graduation	(GO TO E5)
4	1 to less than 3 months after graduation	(GO TO E5)
5	3 to less than 6 months after graduation	(GO TO E5)

E5. When did you start searching for a job?

1	Prior to graduation	(GO TO E3)
2	Around the time of graduation	(GO TO E3)
3	After graduation	(GO TO E3)
4	I wasn't searching for a job	(GO TO E4)

E4. What were your reasons for not searching for a job? (GO TO F2)

1	I continued studying
2	I continued the job I had prior to studying
3	I found a job without searching, it was offered for me
4	I became self-employed/freelancer
5	Other (please specify) _____

E3. How did you search for a job? (MULTIPLE ANSWERS POSSIBLE)

1	Through an educational institution
2	Through practices/ internships
3	Through career centers/ labour exchange/ employment center
4	Through advertisements (newspapers/ online resources)
5	Through acquaintances, friends, I asked people

F2. After completing your studies, did you consider working abroad?

1	Never thought about it
2	I considered working abroad
3	I was searching for a job abroad
4	I received an offer to work abroad
5	I have employment abroad

6	I have been sent abroad by employer on work assignment
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F. EMPLOYMENT AND WORK

F1. What applies to your CURRENT situation the best?

1	Full employment	(GO TO F10)
2	Part-time employment	(GO TO F10)
3	Self-employed/freelancer	(GO TO F10)
4	Temporary work / seasonal work	(GO TO F10)
5	Internship	(GO TO F10)
6	Further education (higher education or vocational)	(GO TO H6)
7	Military service	(GO TO H6)
8	Housewife, househusband, family work	(GO TO H6)
9	I am unable to work due to health problems (disabled)	(GO TO H6)
10	Not employed, but searching for a job	(GO TO H6)
11	Not employed and was not searching for a job	(GO TO H6)

F10. In which economic sector are you currently employed? (e.g. agriculture, construction, manufacturing, services)

1	Agriculture, forestry, or fishing
2	Mining and quarrying
3	Production of food, beverages, tobacco products
4	Textile production, clothing production
5	Metallurgical production
6	Production of finished metal products, except machinery and equipment
7	Electrical Equipment Manufacturing
8	Manufacturing of machinery and equipment
9	Production of other vehicles
10	Production of other products
11	Repair and installation of machinery and equipment
12	Supply of electricity, gas, steam and air conditioning
13	Water supply; sewerage, waste management
14	Construction
15	Wholesale and retail trade;
16	Repair of vehicles and motorcycles
17	Transport, warehousing, postal and courier activities
18	Temporary accommodation and catering (hotel and restaurant management)
19	Information and telecommunications
20	Financial and insurance activities
21	Professional, scientific and technical activities
22	Providing other types of services
22	Other (please specify): _____

F11. What is your occupation/job title? (e.g. hair stylist, car mechanic)

SPECIFY _____

F8. Where is your work located?

1	Tashkent city	10	Namangan region
2	Samarkand city	11	Samarkand region

3	Syrdarya city	12	Surkhandarya region
4	Republic of Karakalpakstan	13	Syrdarya region
5	Andijan region	14	Tashkent region
6	Bukhara region	15	Fergana region
7	Jizzakh region	16	Khorezm region
8	Kashkadarya region	17	Abroad
9	Navoi region		

F13. What is your current average monthly income?

1	Less than 1,000,000 SUM
2	1,000,000 – 2,999,999 SUM
3	3,000,000 – 4,999,999 SUM
4	5,000,000 – 6,999,999 SUM
5	7,000,000 SUM and more

F14. What type of social benefits does your employer provide you with? (MULTIPLE ANSWERS POSSIBLE)

1	Housing (subsidies, subsidies for rent of residential premises)
2	Transport (car/transport benefits)
3	Health (medical aid, insurance, vacation packages, wellness)
4	Education and training (internships, courses, family study rebate, trips abroad)
5	None
6	Other (please specify): _____

G. WORK REQUIREMENTS

G1. Which skills do you have that are most important for your current job? (SPECIFY THE THREE MOST IMPORTANT)

Professional (technical) skills relevant to my profession	1	Customer service skills	7
Literacy	2	Problem solving skills	8
Ability to count (including calculations of volumes of material, area, etc., etc.)	3	Organizational and planning skills	9
Proficiency in information and computer technologies	4	Learning ability	10
Proficiency in foreign languages	5	Ability to adapt to change	11
Teamwork skills	6		

H. RELATIONSHIP BETWEEN STUDY AND EMPLOYMENT

H3. How would you rate the level of your professional skills to meet the requirements of your current job?

The level of professional skills is higher than required	1	I could use some level up on some skills	3
The level of professional skills fully corresponds to my work	2	I find it difficult to do my job due to lack of professional skills	4

H4. To what extend...

Rate it on a 5-point scale, where 1 – Not at all, 5 – Fully

	Not at all				Fully
... do you use the knowledge and skills acquired during your studies in your work?	1	2	3	4	5
... does your profession/position match your course of study?	1	2	3	4	5

H5. If your job is not closely related to your course of study, why did you choose this job? (SPECIFY THE THREE MOST IMPORTANT REASONS)

1	Not applicable, my work is closely related to my course of study
2	This is just a temporary launching pad to gain experience.
3	I have not found an appropriate job (yet)
4	I receive a higher salary in my current job
5	This job offers more security
6	My interests have changed
7	My current job allows a flexible time schedule
8	Good location, easier to get to
9	I can spend more time with my family/children
10	Other (please specify): _____

H6. Overall, how do you rate the usefulness of your training?

Rate it on a 5-point scale, where 1 – Completely useless, 5 – Very useful

	Completely useless				Very useful
to get a relevant job after graduation?	1	2	3	4	5
to fulfil your current professional tasks?	1	2	3	4	5
for your future professional development/career?	1	2	3	4	5
for personal development?	1	2	3	4	5
for the economic development of your country?	1	2	3	4	5

I. WORK ORIENTATION AND JOB SATISFACTION

I3. What changes in employment and further education/training do you plan to achieve within the next three years? (MULTIPLE ANSWERS POSSIBLE)

1	to change my employer
2	to obtain higher income
3	to change my area of work assignment
4	to restart full-time study
5	to study part-time
6	to start my own business
7	to get employed, start working
8	to discontinue employment
9	to achieve more secure employment
10	to achieve better use of my knowledge
11	to take over a job more closely linked to my study
13	Other (please specify): _____
14	I have no major changes in mind

K. FURTHER VOCATIONAL/ PROFESSIONAL TRAINING

K1. After graduation, did you undergo any additional or advanced training courses?

Yes	☐ 1	(GO TO K2)	No	☐ 2	(GO TO K6)
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K2. What kind of training was this? (MULTIPLE ANSWERS POSSIBLE)

Job-oriented vocational (technical) training	1	Customer service skills (customer focus)	8
Foreign languages (including for professional purposes)	2	Problem solving (crisis management)	9
Professional ethics	3	Entrepreneurship and business organization	10
Management skills	4	Working time management and planning	11
Formation of teams and teamwork (team building)	5	Use of information technology	12
Leadership skills	6	Other (please specify): _____	13
Communication skills	7		

K6. What should be changed in the vocational and training education system that after graduation, alumni meet the qualification requirements of employers? (MULTIPLE ANSWERS POSSIBLE)

Willingness to review and modify curriculum to accommodate new technologies	1
Openness to new teaching methods	2
Increasing the number of practical classes, hours of practical training, internships, etc.	3
Joint projects between enterprises and educational institutions	4
Identify and update educational specialties in accordance with labor market needs	5
Involve representatives of employers, trade unions, employment centers, and other government and non-government parties in the planning and development of educational specialties	6
Formation of skills and competencies of students that can be applied at the enterprise without undergoing additional training and retraining	7
Introduce additional foreign language courses (for professional needs)	8
Make the admission and assessment process more transparent, eliminate corruption risks	9
Provide future graduates with advice on choosing a job	10
Harmonize training programs with international education standards	11
Providing tax benefits to employers who pay for the training of their employees	12
Other (please specify): _____	13
There is no need to change anything	14
DON'T KNOW / DEFFICULT TO ANSWER	15