



Private Sector Development and Technical Vocational Education and Training in the South Caucasus

Yerevan, Armenia
2019



Results Matrix

Private Sector Development and Technical Vocational Education and Training South Caucasus 2017-2020

Module Objective (Outcome)

The conditions for sustainable economic development have improved in selected sectors relevant for employment.

Indicators

- 12 government guidelines (e.g. technical vocational education and training legislation, support structures/agencies for micro, small and medium-sized enterprises – MSMEs) have been revised for higher growth with employment impact in the sectors supported by the programme.
- 75% of Y entrepreneurs in the promoted areas confirm that the advisory services and further training opportunities available in inclusive and green economy (in keeping with the EU Small Business Act), dual-oriented vocational training and human resource management and development have improved (for male and female entrepreneurs alike).
- 6 position papers jointly drafted by private sector organisations and networks in vocational training and economic development for employment have been incorporated into 6 policy-making procedures.
- 75% of X participant enterprises rate the labour-market relevance of jointly developed and introduced training courses higher than that of previous ones.

Output

Private Sector Development



Output A

Instruments are being implemented for promoting sustainable economic development in selected sectors relevant for employment.

A1: 2 new or improved business models for MSMEs in terms of inclusive and green economy and/or of relevance to vocational qualification have been put into practice in each country.

A2: 6 new or enhanced cooperation projects have been established between businesses and between companies and public institutions in the inclusive and green MSME sector and vocational training, 2 of which across borders.

Vocational Education



Output B

Accounting for gender aspects, private and public actors have increased the labour-market relevance of selected training courses in sectors relevant for employment.

B1: X sets of vocational training regulations of relevance to the labour market have been drawn up jointly by public and private actors (e.g. sectoral vocational training bodies) in the sectors relevant for employment (standards: e.g. occupational profiles, curricula/vocational college, training plans/training enterprises and examinations/certification).

B2: X teaching and management personnel, including altogether 50% young and female specialists from college and in-company vocational training have been qualified in keeping with the new vocational training regulations.

B3: X accredited vocational training courses and further training programmes (with priority attached to dual-oriented training) have been introduced.

Regional and International Exchange



Output C

In their activities, public and private actors take account of regional and international experience gained from green and inclusive MSMEs and dual-oriented vocational training in the selected sectors relevant for employment.

C1: 75% of 18 participants each in a total of 3 training measures in green economy and vocational training in the selected sectors confirm the relevance of the contents for their activity based on examples of their specific application in occupational practice.

C2: 3 of the national and/or international approaches jointly drafted in the regional dialogue formats have been adopted in practice by the national institutions (e.g. for national UNEVOC centres).



General Overview



Support to the introduction
and implementation of the
vineyard cadastre in
Armenia



Ecotourism Product
Development: Hiking
Trail Design and
Enhancement



Introduction of
Corporate
Governance
Toolbox for SMEs



Strengthening of the EVN
Wine Academy



Tourism Product
Clustering on the Great
Silk Road



Guidebook for
SMEs:
Corporate
Management



Support to establishment
of new services for Home
winemakers



Improvement of guides'
performance and
harmonisation with
international standards



Development of Wine
Tourism



Piloting Ecovillage
Development
Programme (EDP)



Development of
Cooperation
Projects



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TECHNICAL VOCATIONAL EDUCATION AND TRAINING

**PRIVATE SECTOR AND TVET
COOPERATION**

**HUMAN RESOURCE
DEVELOPMENT**

**IMPROVEMENT OF
TVET REGULATIONS**

**PRIVATE AND PUBLIC ACTORS HAVE INCREASED THE LABOUR MARKET
RELEVANCE OF THE SELECTED TRAINING COURSES IN SECTORS
RELEVANT FOR EMPLOYMENT**





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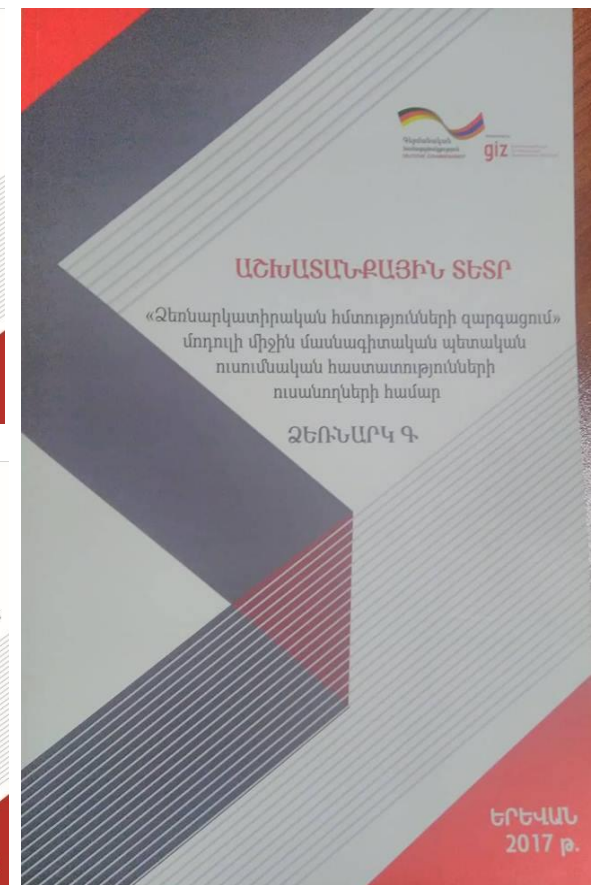
Entrepreneurial Skills Development

In 2018

- Entrepreneurial Skills Development (ESD): 11 Trainers have been selected out of 25 and trained for further introduction of ESD in TVET schools;
- Certification of Trainers;
- 2 Guidebooks were revised based on 2017 training results and Student Book was developed

For 2019

- Digitalisation of the 3 Guidebooks



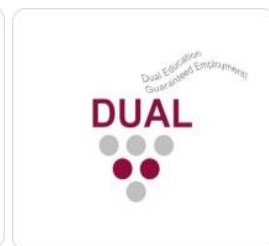


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PR and Communication



In 2018

- PR and Communication Strategic Programme for Dual TVET piloting has been launched;
- Dual TVET branding was introduced;
- Training of working group members, private sector and TVET schools managers;
- Press Tour and Skills Expo was organised in Gyumri on 16.11.2018;

For 2019

- Short films on skills development via Dual TVET based on piloting results

Geography of Dual TVET





Development of ECO TVET System

Identification of
training needs

Formulation and
standardization

Planning

Implemen-
tation

Management
and Quality
Assurance

Certifica-
tion

Adaptation to
private sector
needs

**Macro
Level**



**Meso
Level**



**Micro
Level**





“Modular/Puzzle Approach” in Armenia

Current situation:

- Existing modular dual TVET pilotes are based on the needs of the private sector companies
- Innovative short-term (4-5 months) dual TVET courses (modular) for new professions piloted by the Ministry of Education
- In the Fields of: Solar Energy, Mechatronics, Robotics
- Nationally Licensed, but a credit system doesn't exist yet in the modular approach in Armenia

New phase of PSDTVET programme:

- puzzle approach can be introduced in Armenia following two ideas:
 - a) “classical” puzzle approach, based on module content of the dual long-term TVET courses (e.g. in Tourism)
 - b) “upgrade” puzzle approach compiling innovative short term trainings for a new profession trained in a dual long-term TVET course (e.g. “Alternative Energy Technician”)

Dual TVET long-term course
“Alternative Energy Technician”

Maintenance
of
Solar Energy
Systems

Maintenance
of
Wind Energy
Systems

Maintenance
of
Hydropower
Energy
Systems



Normative Base for Dual TVET

In 2018

- Memorandum of Understanding between Enterprise and TVET School;
- Cooperation Agreement between Enterprise and TVET School;
- Contract between Enterprise and Apprentice based internship;
- Contract between Enterprise and Apprentice based salary;
- Dual Programme Dairy for the Students.

In 2019

- Guidebook for implementation of Dual Programme;
- Guidebook of Skills Evaluation and Recognition.



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Institutional Set up of Dual Programmes





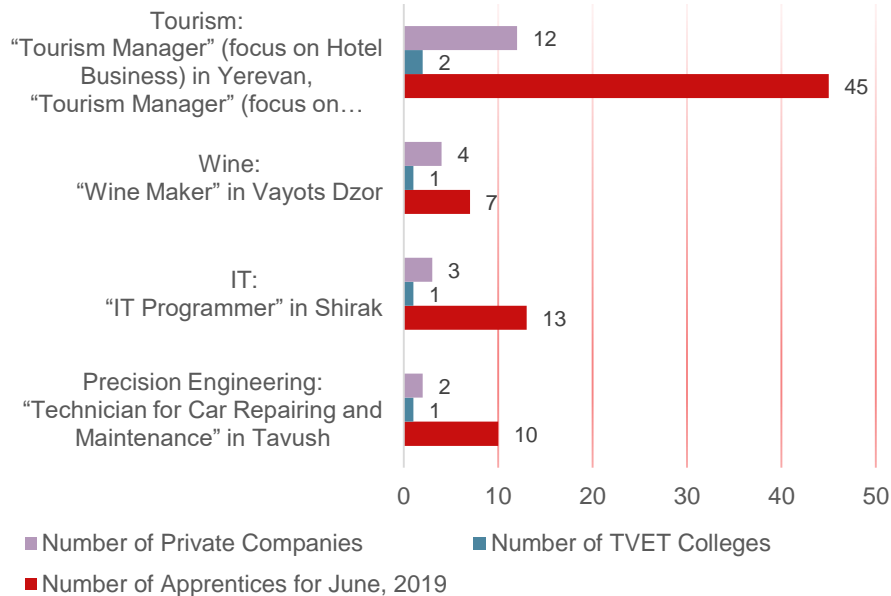
Dual TVET Implementation Status

Sector	Profession	Number of Apprentices for 2018	Name of TVET Colleges	Number of Private Sector Companies for 2018
Long-term formal courses				
Wine	“Wine Maker”	10	Vayots Dzor Regional State College	“Getap” Wine Factory, Young Winemakers Association, “Areni” Wine Factory, “Trinity” Wine Factory
Tourism	“Tourism Manager” (with focus on Hotel Business)	37	Yerevan State College of Humanities	“Crystal Resort Aghveran”, “Sayat-Nova” Hotel, “Paris” Hotel, “Imperial” Hotel, “Reghineh” Hotel, “ExpoMedia” LLC, Double Tree by Hilton, Marriott Hotel Armenia
	“Tourism Manager” (focus on Tourism Services)	13	Tavush Regional State College	Lastiver Desert LLC, “Vahan ev Torner”, Golden Resort LLC, Ijevanatun Restaurant Complex
IT	“IT Programmer”	15	Shirak Regional State College	Gyumri Information Technological Center, “Brain Force” LLC, “Instigate Robotics” CJSC Gyumri Branch
Precision Engineering	“Technician for Car Repairing and Maintenance”	15	Tavush Regional State College	BUAT CJSC, “Artak Pirumyan”
TOTAL	5 professions	90	4 TVET Colleges	21 Private Sector Companies
Short-term non formal training				
Precision Engineering	“Technician for Mechatronics”	12	Lori Regional State College	Vanadzor Technological Center
	“Technician for Robotics”	20	Yerevan State IT College	Instigate Design CJSC, Instigate Robotics CJSC
	“Technician for Solar Energy Maintenance”	35	Yerevan State IT College, Kotayk Regional State College	Sustainable Energy Development Fund, Freenergy LLC

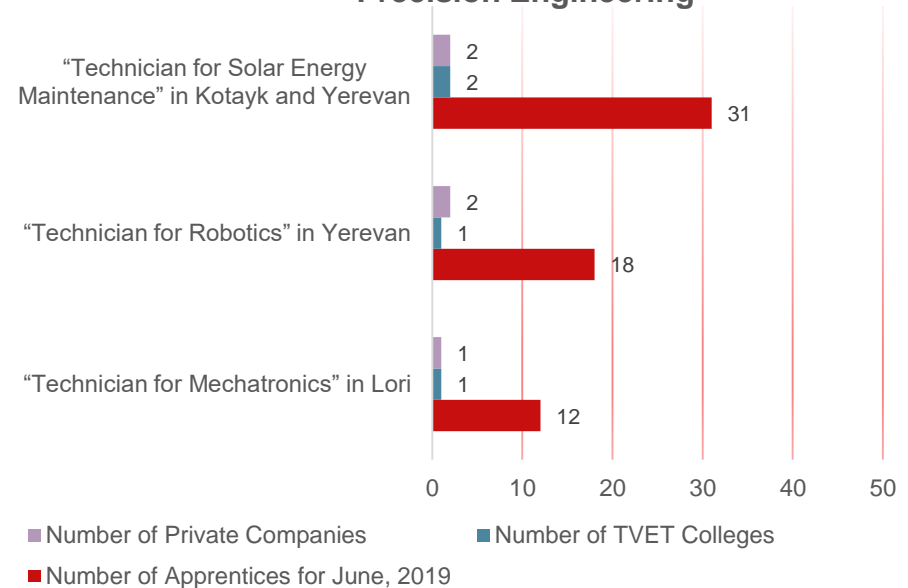


Facts and Figures Armenia, 2018

Long-term dTVET Pilot Courses



Short-term dTVET Pilot Courses Precision Engineering



Total:
TVET Colleges: 4
Regions: 4

Private Companies: 21
Apprentices: 75

Total:
TVET Colleges: 3
Regions: 3

Private Companies: 5
Apprentices: 61



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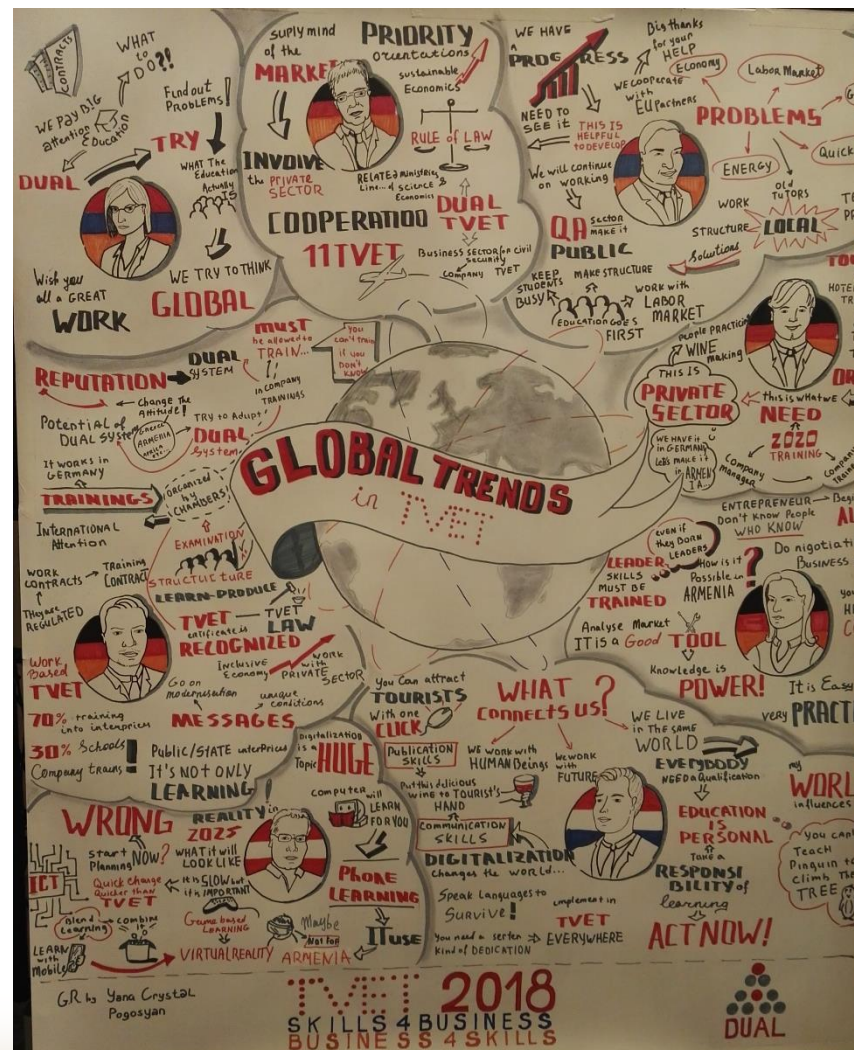


TVET

International Conference

<https://tvvet2018.ama.am/en/>

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Thank you for attention!

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