



**VOCATIONAL & TECHNICAL EDUCATION AND TRAINING**  
**WITHIN THE STRUCTURE OF**  
**TURKISH NATIONAL EDUCATION SYSTEM**

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**İZMİR**  
**13 MAY 2009**



**THE TURKISH REPUBLIC**  
**MINISTRY OF NATIONAL EDUCATION**  
**GENERAL DIRECTORATE OF VOCATIONAL AND TECHNICAL EDUCATION**



**MUSTAFA KEMAL ATATÜRK WITH THE TEACHERS AND STUDENTS OF IZMIR ARTS SCHOOL (IZMIR, 14 OCTOBER 1925)**



## LEGAL BASIS OF VOCATIONAL AND TECHNICAL EDUCATION

- ✓ Turkish Constitution
- ✓ Basic Law of National Education (Law No: 1739)
- ✓ Law on Organization and Duties of Ministry of National Education (Law No: 3797)
- ✓ Law on Vocational Training (Law No: 3308)
- ✓ Basic Law of Higher Education (Law No: 2547)

Vocational and technical training in our country has a structure supported by;

- Development Programmes,
- EU Legislations,
- Governments' Programmes,
- Council Decisions



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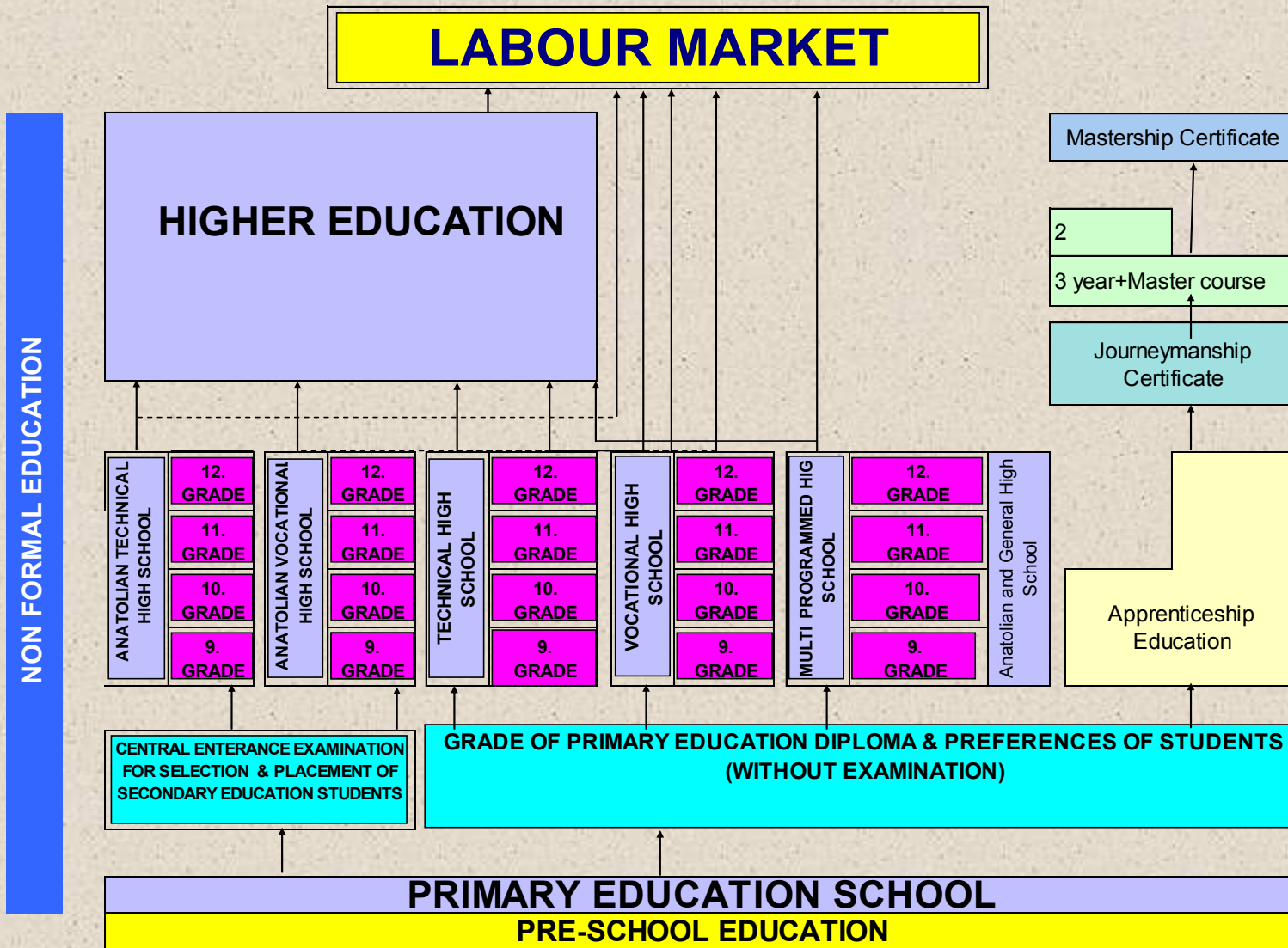


THE NUMBERS OF SCHOOLS, TEACHERS AND STUDENTS IN VOCATIONAL AND TECHNICAL EDUCATION SINCE THE FOUNDATION OF THE TURKISH REPUBLIC

VOCATIONAL AND TECHNICAL EDUCATION	NUMBER OF SCHOOLS / INSTITUTION			NUMBER OF STUDENTS			NUMBER OF TEACHERS		
	1923 1924	2006 2007	INCREASE (TIMES)	1923 1924	2006 2007	INCREASE (TIMES)	1923 1924	2006 2007	INCREASE (TIMES)
FORMAL EDUCATION (TOTAL)	20	4.622	231	2.558	1.565.264	612	325	88.924	274
NON-FORMAL EDUCATION (FORMAL-PRIVATE)	-	2.077	-	-	2.717.288	-	-	10.775	-
GRAND TOTAL	20	6.699	335	2.558	4.282.552	1674	325	99.699	307



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## **Formal Education**

- Secondary Education
- General High Schools
- Vocational and Technical High Schools

## **Non-formal Education**

- Apprenticeship
- Distance Education
- ✓ **Open Education**
  - Open Vocational and Technical Education (\*)
  - Non-formal Education Institutions
    - ✓ Public Training Centers
    - ✓ Practical Art Schools
    - ✓ Maturation Institutions
    - ✓ Technical Training Centers for Adults
    - ✓ Training Centers on Hotel Management and Tourism for Adults
    - ✓ Training Centers for Tourism

*(\*) Trainees receive theoretical courses through distance education and practical courses through face-to-face training at vocational high schools.*



## HOUSEHOLD LABOUR FORCE SURVEY (APRIL, 2007)

	2006	2007
NON-INSTITUTIONAL CIVIL POPULATION	69.416.000	70.236.000
NON-INSTITUTIONAL LABOUR POPULATION (15 YEAR OLDS AND OVER)	50.500.000	51.360.000
LABOUR FORCE	22.541.000	23.582.000
EMPLOYED	19.864.000	19.779.000
UNEMPLOYED	2.677.000	3.802.000
RATE OF PARTICIPATION IN THE LABOUR FORCE (%)	% 44.6	% 45.9
RATE OF UNEMPLOYMENT IN YOUNG POPULATION	% 21.5	%28.6

- Of those employed in February 2009, **22,2%** were in agriculture, **20,5%** in industry, **4,9%** in construction, and **52,4%** in service sector.
- **17,7%** of the total labor force were 15-24 age group.
- Rate of participation in the labor force was **43,7%** at lower than secondary level training and **77,1%** at higher education.
- Rate of unregistered employment (those who are not registered in any social security institutions because of their jobs) was **40,8%**, with a **0,5** decrease compared to the previous year.



## OUR TARGETS IN VOCATIONAL AND TECHNICAL EDUCATION

- ➔ To reach the standards of European Union and developed countries in our vocational and technical education system,
- ➔ To strengthen the VET system in Turkey in accordance with the socio-economic requirements and life-long learning principles.

This approach will ensure the establishment of a modern, flexible and quality vocational and technical education and training system that could meet the demands of the market including primary, secondary and higher education.





## PROJECTS

National and International projects play an important role in improving the quality of vocational and technical education. Therefore, our Ministry have been implementing a great number of projects with such countries and institutions as AB, the World Bank, France, Germany, Italy, Japan, Spain, Slovakia and also with some leading institutions and organizations in Turkey with the following aims;

- To develop educational programmes,
- To train technical teachers both in Turkey and abroad,
- To transfer new technologies to schools,
- To equip the ateliers and workshops at schools,
- To provide funding in addition to the general budget.



## PROJECTS WHOSE IMPLEMENTATION PERIOD ENDED BUT STILL CONTINUED BY OUR MINISTRY

- a) ISTANBUL HAYDARPAŞA ATH AUTOMATIC CONTROL PROJECT (GERMANY)
- b) ISTANBUL PROFILO ATH PROJECT (FRANCE)
- c) DUAL-SYSTEM IN VOCATIONAL TRAINING (GERMANY)
- d) ISTANBUL TUZLA ATH PROJECTS (JAPONYA)
- e) ANKARA POLATLI CNC PROJECT (GERMANY)
- f) THE PROJECT OF THE ESTABLISHMENT OF INDUSTRIAL AUTOMATION TECHNOLOGIES DEPARTMENTS (JAPAN)



## ON-GOING INTERNATIONAL PROJECTS WITH FOREIGN FUNDING

- 1) STRENGTHENING OF VOCATIONAL EDUCATION AND TRAINING IN TURKEY (SVET) (AB)
- 2) MODERNISATION OF VOCATIONAL EDUCATION AND TRAINING IN TURKEY (AB)
- 3) SECONDARY EDUCATION PROJECT (WORLD BANK)
- 4) HUMAN RESOURCE DEVELOPMENT & VOCATIONAL EDUCATION AND TRAINING (HRD-VET) (AB)
- 5) INDUSTRIAL AUTOMATION TECHNOLOGIES PROJECT (JAPAN)
- 6) PROJECT OF COOPERATION ON SHO-MAKING TRAINING (KOSGEB-AB)
- 7) DEVELOPING EDUCATIONAL PROGRAMME ON RAILWAY SYSTEMS AND TECHNOLOGIES (AB)
- 8) PROJECT OF DEVELOPING INNOVATIVE VOCATIONAL TRAINING PROGRAMMES THROUGH SOCIAL DIALOGUE (ÇELİK İŞ -AB)
- 9) PAGEV PROJECT (ITALY)
- 10) METHODS OF DISTANCE LEARNING IN EU COUNTRIES (ITALY)
- 11) “THE PROJECT ON STRENGTHENING THE PROGRAM OF EXPANDING INDUSTRIAL AUTOMATION TECHNOLOGIES DEPARTMENT” (SPREAD) (JICA)
- 12) EU MOBILITY PROJECTS (AB)



## STRENGTHENING OF VOCATIONAL EDUCATION AND TRAINING IN TURKEY (SVET)

The project started its activities on 30 September 2002.

Total period of the Project is **5** years; the first six months is the beginning and the rest 4,5 years is the implementation period.

### GENERAL AIM

- To improve the quality of VET at secondary level in Turkey through establishment and implementation of National Qualifications System,
- Strengthening of public institutions, social partners and organizational capacities of the enterprises at national, regional and local levels,
- Speeding-up the localization of the system through encouraging the participation of the local role players in the reform process.

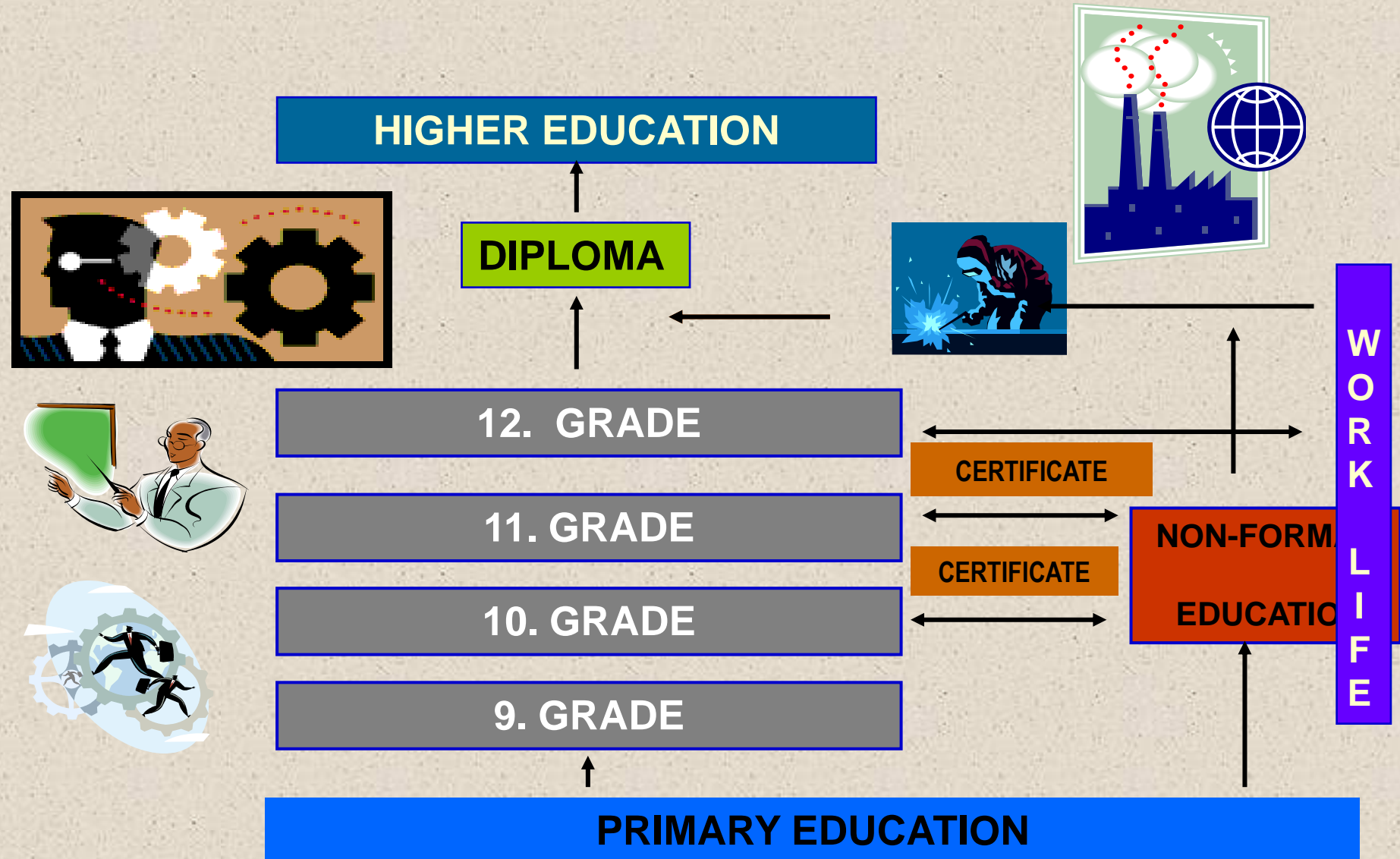
### BUDGET

Total budget of the Project is **58,2** million Euros;

- **51** million Euros is EU grant,
- **7,2** million Euros is the contribution of the Turkish Republic Government

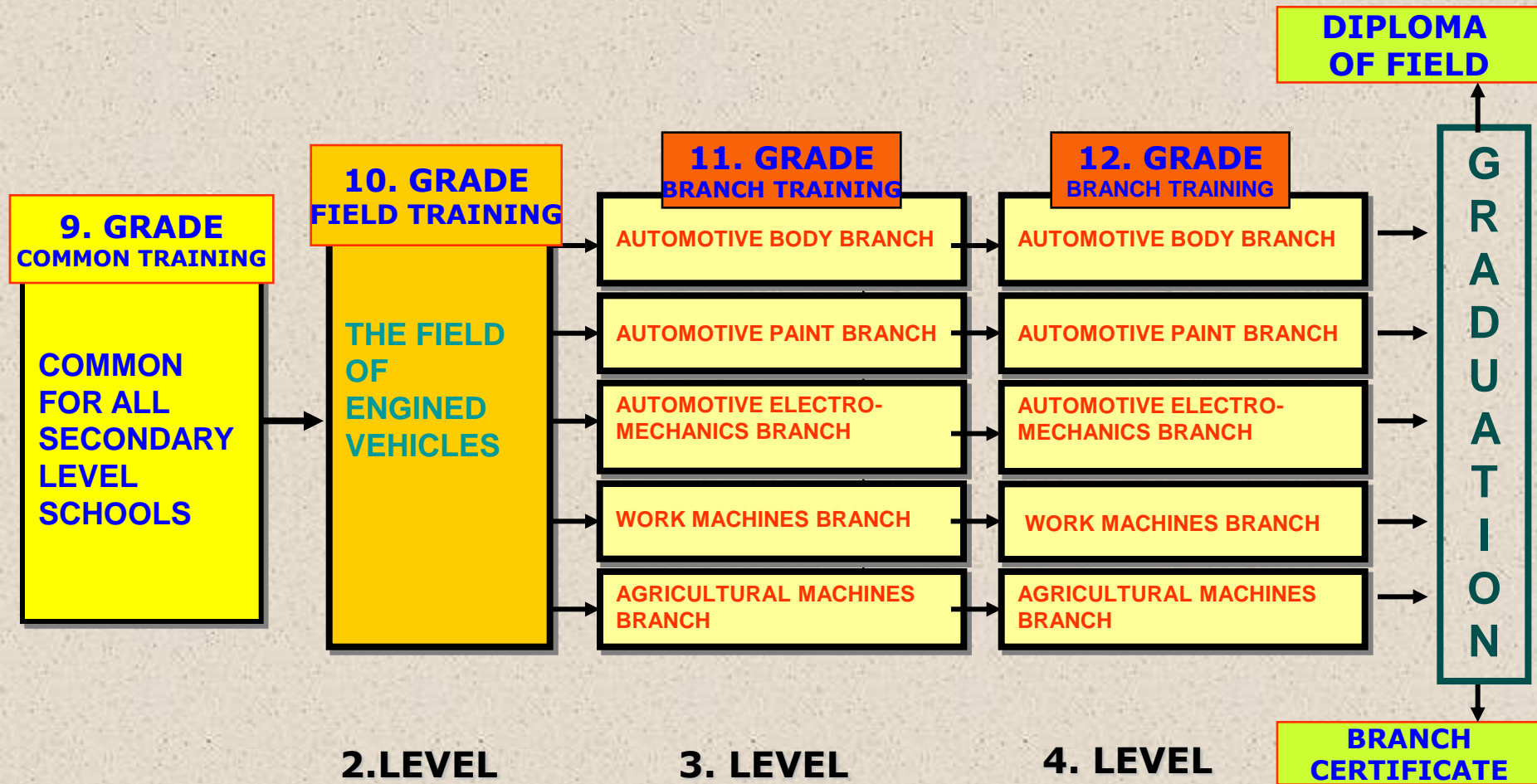


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## STRUCTURE OF THE PROGRAMME (THE FIELD OF ENGINED VEHICLES TECHNOLOGY AND ITS BRANCHES)





**Level (year period)**

**8 Reference Levels and Titles in Market**

8 (19-....)



DOCTORATE

7 (17-18)



POST-GRADUATION

6 (13-16)



(EXPERT) - 6. LEVEL CERTIFICATED - LICENCED

5 (13-14)



(FOREMAN) - 5. LEVEL CERTIFICATED - TECHNICIAN

4 (12)



(MASTER) - 4. LEVEL CERTIFICATED - TECHNICIAN

3 (11)



(JOURNEYMAN) - 3. LEVEL CERTIFICATED

2 (9-10)



(APPRENTICE) - 2. LEVEL CERTIFICATED

1 (1-8)



PRIMARY EDUCATION

SECTORS  
AND  
CHAMBERS





## NATIONAL PROJECTS WITH DOMESTIC FUNDS

### MONITORING VOCATIONAL EDUCATION GRADUATES

Education-Employment and Monitoring Graduates Centre was established in EARGED.

The Project was started with the aim of;

- Monitoring the graduates in 2002, 2003 and 2004 systematically,
- Determining their employment,
- Analyzing the data obtained,
- Determining the strong and weak aspects of educational system,
- Determining the conformity of educational system with the work life,
- Strengthening the relation of education with employment,
- Improving the educational programmes in line with the demands,

In order to realize the above-mentioned targets, pilot implementations were planned at 63 vocational and technical high schools in 24 provinces chosen within the context of the SVET Project.

In addition, a webpage “<http://emezun.meb.gov.tr>” was prepared for the use of students, graduates, schools and employers.





## **NATIONAL PROJECTS WITH DOMESTIC FUNDS**

1. THE PROJECT OF ICT TECHNOLOGIES
2. THE PROJECT OF RAILWAY SYSTEMS AND TECHNOLOGIES
3. THE PROJECT OF SMART CLASSES
4. THE PROJECT OF VET FOR EMPLOYMENT (IMEP)
5. THE PROJECT OF JOB SAFETY AT VET SCHOOLS
6. THE PROJECT OF DUAL VOCATIONAL TRAINING PROGRAMMES



## TECHNICAL COOPERATION PROTOCOLS

In order to improve the competence and skills of the personnel working at enterprises, to gain the unemployed qualifications for their employment and to introduce our students new technologies, we have signed various protocols so far with 86 organizations and institutions some of which are below;

- MUNICIPALITIES,
- GENPA,
- TUPRAS,
- MESS EDUCATION FOUNDATION,
- KALESERAMİK (AB),
- KOSGEB (Small and Medium Scale Industry Development Institution),
- RENAULT - MAİS,
- TUV-TURK,
- MAN,
- FORD,
- TOYOTA
- MERCEDES BENZ,
- ANKARA INDUSTRY CHAMBER,
- TOBB (Turkish Union of Chambers of Commerce, Industry)

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## CONCLUSION

**Our aim is to make our country;**

- **The most competitive,**
- **The most dynamic,**
- **Knowledge-based power with sustainable economic development by way of improving the quality and quantity in VET.**



**THANK YOU**

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