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

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Head of Section
MONE DGVET

İZMİR
13 MAY 2009
MUSTAFA KEMAL ATATÜRK WITH THE TEACHERS AND STUDENTS OF IZMIR ARTS SCHOOL (IZMIR, 14 OCTOBER 1925)
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
<table>
<thead>
<tr>
<th>Vocational and Technical Education</th>
<th>Number of Schools / Institution</th>
<th>Number of Students</th>
<th>Number of Teachers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1923</td>
<td>2006</td>
<td>1923</td>
<td>1924</td>
</tr>
<tr>
<td>1924</td>
<td>2007</td>
<td>1924</td>
<td>2007</td>
</tr>
<tr>
<td>Increase (Times)</td>
<td>Increase (Times)</td>
<td>Increase (Times)</td>
<td>Increase (Times)</td>
</tr>
<tr>
<td>1923</td>
<td>2006</td>
<td>1924</td>
<td>2007</td>
</tr>
<tr>
<td>20</td>
<td>4.622</td>
<td>2.558</td>
<td>612</td>
</tr>
<tr>
<td>335</td>
<td>2006</td>
<td>1.565.264</td>
<td>325</td>
</tr>
<tr>
<td>274</td>
<td>2007</td>
<td>88.924</td>
<td>307</td>
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<tr>
<td>Grand Total</td>
<td>20</td>
<td>2.558</td>
<td>1674</td>
</tr>
<tr>
<td></td>
<td>6.699</td>
<td>4.282.552</td>
<td>325</td>
</tr>
<tr>
<td></td>
<td>335</td>
<td>99.699</td>
<td>307</td>
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</tr>
</tbody>
</table>
THE TURKISH REPUBLIC
MINISTRY OF NATIONAL EDUCATION
GENERAL DIRECTORATE OF VOCATIONAL AND TECHNICAL EDUCATION

LABOUR MARKET

HIGHER EDUCATION

ANATOLIAN TECHNICAL HIGH SCHOOL
12. GRADE
11. GRADE
10. GRADE
9. GRADE

ANATOLIAN VOCATIONAL HIGH SCHOOL
12. GRADE
11. GRADE
10. GRADE
9. GRADE

TECHNICAL HIGH SCHOOL
12. GRADE
11. GRADE
10. GRADE
9. GRADE

VOCATIONAL HIGH SCHOOL
12. GRADE
11. GRADE
10. GRADE
9. GRADE

MULTI PROGRAMMED HIGH SCHOOL
12. GRADE
11. GRADE
10. GRADE
9. GRADE

ANATOLIAN AND GENERAL HIGH SCHOOL
12. GRADE
11. GRADE
10. GRADE
9. GRADE

APPRENTICESHIP EDUCATION

CENTRAL ENTERANCE EXAMINATION FOR SELECTION & PLACEMENT OF SECONDARY EDUCATION STUDENTS

GRADE OF PRIMARY EDUCATION DIPLOMA & PREFERENCES OF STUDENTS (WITHOUT EXAMINATION)

Mastership Certificate
3 year+Master course
Journeymanship Certificate

LABOUR MARKET

PRIMARY EDUCATION SCHOOL
PRE-SCHOOL EDUCATION
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.
<table>
<thead>
<tr>
<th>Table: HOUSEHOLD LABOUR FORCE SURVEY (APRIL, 2007)</th>
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<tbody>
<tr>
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<tr>
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</tr>
<tr>
<td>NON-INSTITUTIONAL CIVIL POPULATION</td>
</tr>
<tr>
<td>2006: 69,416,000</td>
</tr>
<tr>
<td>2007: 70,236,000</td>
</tr>
<tr>
<td>NON-INSTITUTIONAL LABOUR POPULATION (15 YEAR OLDS AND OVER)</td>
</tr>
<tr>
<td>2006: 50,500,000</td>
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<tr>
<td>2007: 51,360,000</td>
</tr>
<tr>
<td>LABOUR FORCE</td>
</tr>
<tr>
<td>2006: 22,541,000</td>
</tr>
<tr>
<td>2007: 23,582,000</td>
</tr>
<tr>
<td>EMPLOYED</td>
</tr>
<tr>
<td>2006: 19,864,000</td>
</tr>
<tr>
<td>2007: 19,779,000</td>
</tr>
<tr>
<td>UNEMPLOYED</td>
</tr>
<tr>
<td>2006: 2,677,000</td>
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<tr>
<td>2007: 3,802,000</td>
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<tr>
<td>RATE OF PARTICIPATION IN THE LABOUR FORCE (%)</td>
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<tr>
<td>2006: 44.6</td>
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<tr>
<td>2007: 45.9</td>
</tr>
<tr>
<td>RATE OF UNEMPLOYMENT IN YOUNG POPULATION</td>
</tr>
<tr>
<td>2006: 21.5</td>
</tr>
<tr>
<td>2007: 28.6</td>
</tr>
</tbody>
</table>

- 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.

**SOURCE:** Prime Ministry, Turkish Statistical Institute
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.
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 DIALOQUE (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
THE TURKISH REPUBLIC
MINISTRY OF NATIONAL EDUCATION
GENERAL DIRECTORATE OF VOCATIONAL AND TECHNICAL EDUCATION

HIGHER EDUCATION

DIPLOMA

12. GRADE

11. GRADE

10. GRADE

9. GRADE

PRIMARY EDUCATION

NON-FORMAL EDUCATION

CERTIFICATE

CERTIFICATE

WORK LIFE
STRUCTURE OF THE PROGRAMME
(THE FIELD OF ENGINED VEHICLES TECHNOLOGY AND ITS BRANCHES)
8 Reference Levels and Titles in Market

- **1. Level (1-8)**: (APPRENTICE) – 2. LEVEL CERTIFICATED
- **2. Level (9-10)**: (JOURNEYMAN) – 3. LEVEL CERTIFICATED
- **3. Level (11)**: (MASTER) - 4. LEVEL CERTIFICATED – TECHNICIAN
- **5. Level (13-14)**: (FOREMAN) - 5. LEVEL CERTIFICATED – TECHNICIAN
- **6. Level (13-16)**: (EXPERT) - 6. LEVEL CERTIFICATED - LICENCED
- **7 (17-18)**
- **8 (19-....)**: DOCTORATE

**Levels and Year Periods:**
- Level 1: (1-8)
- Level 2: (9-10)
- Level 3: (11)
- Level 4: (12)
- Level 5: (13-14)
- Level 6: (13-16)
- Level 7: (17-18)
- Level 8: (19-....)

**Secondary Education Levels:**
- **1. Level**: PRIMARY EDUCATION
- **2. Level**: DOCTORATE
- **3. Level**: POST GRADUATION

**Titles:**
- (APPRENTICE)
- (JOURNEYMAN)
- (MASTER)
- (FOREMAN)
- (EXPERT)
- LICENCED

**Other Educational Levels:**
- THE TURKISH REPUBLIC MINISTRY OF NATIONAL EDUCATION
- GENERAL DIRECTORATE OF VOCATIONAL AND TECHNICAL EDUCATION
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
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)
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

ZEHRA ADIYAMAN

WEB : http://etogm.meb.gov.tr
E-MAIL : zadiyaman@meb.gov.tr