

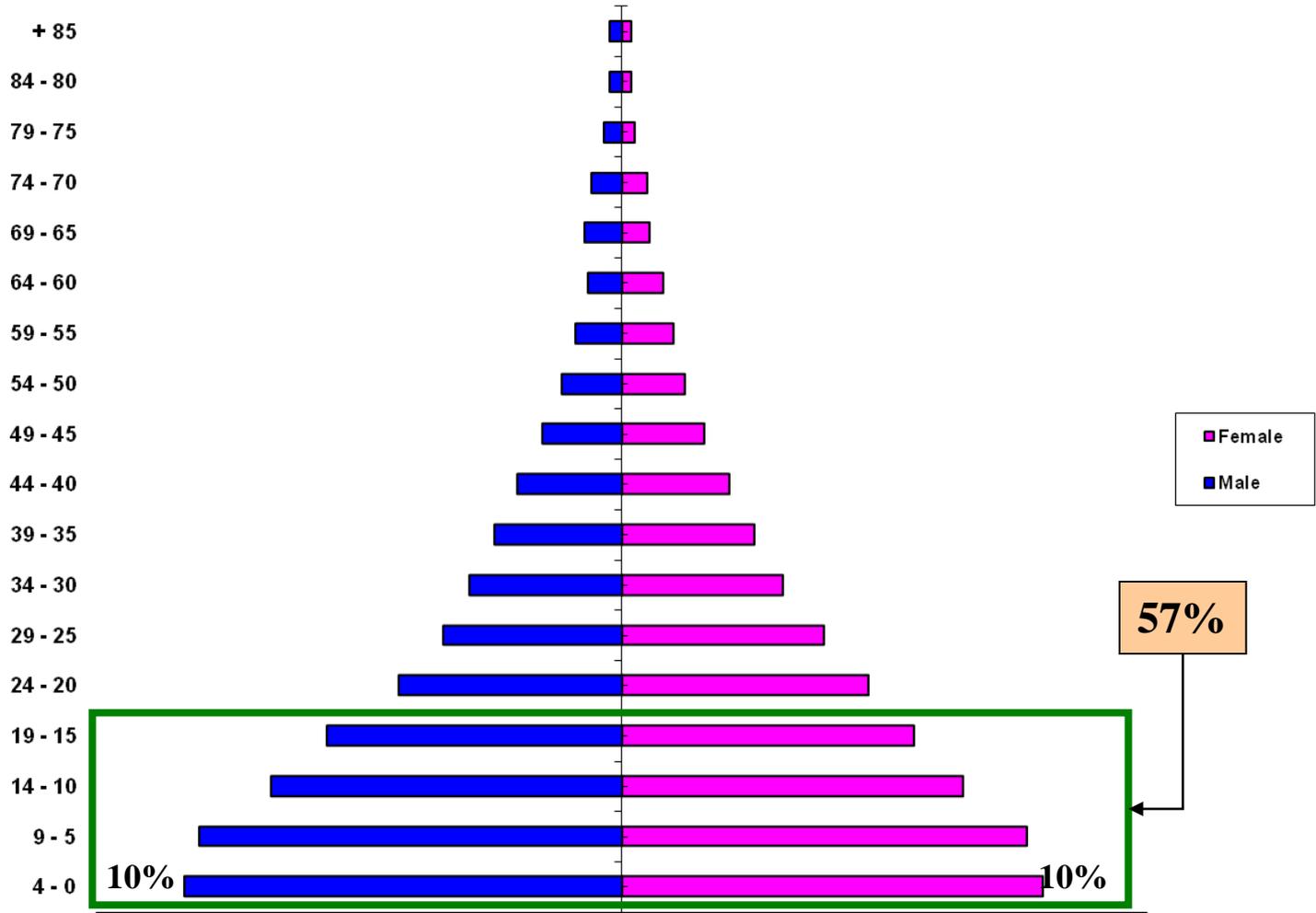


Educating Vocational Trainers – Educating the Change Drivers

Dr. Michael Klees
Technical Trainers College Riyadh



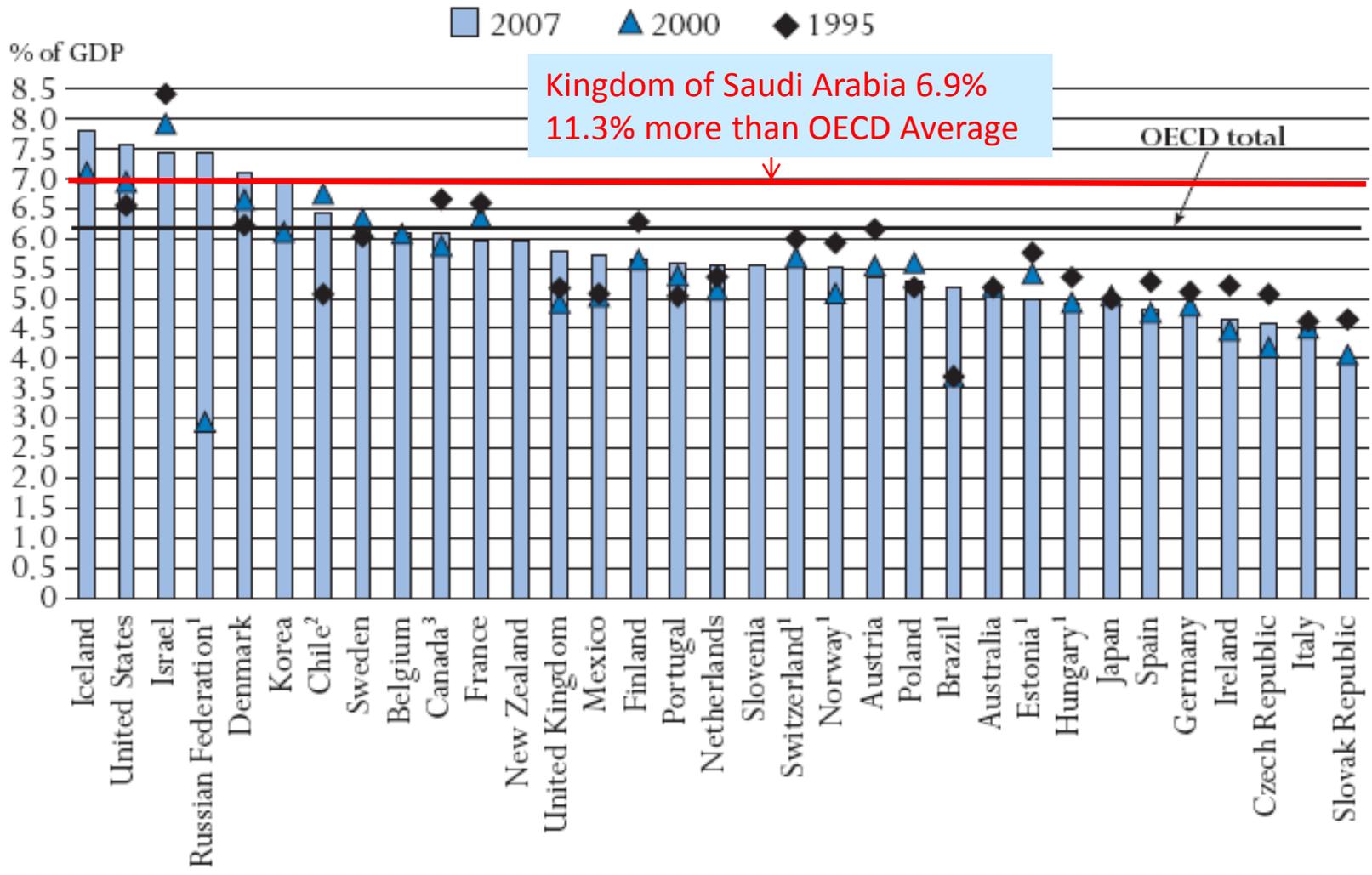
Lets see why....Saudi Arabia age pyramid



Source: TVTC



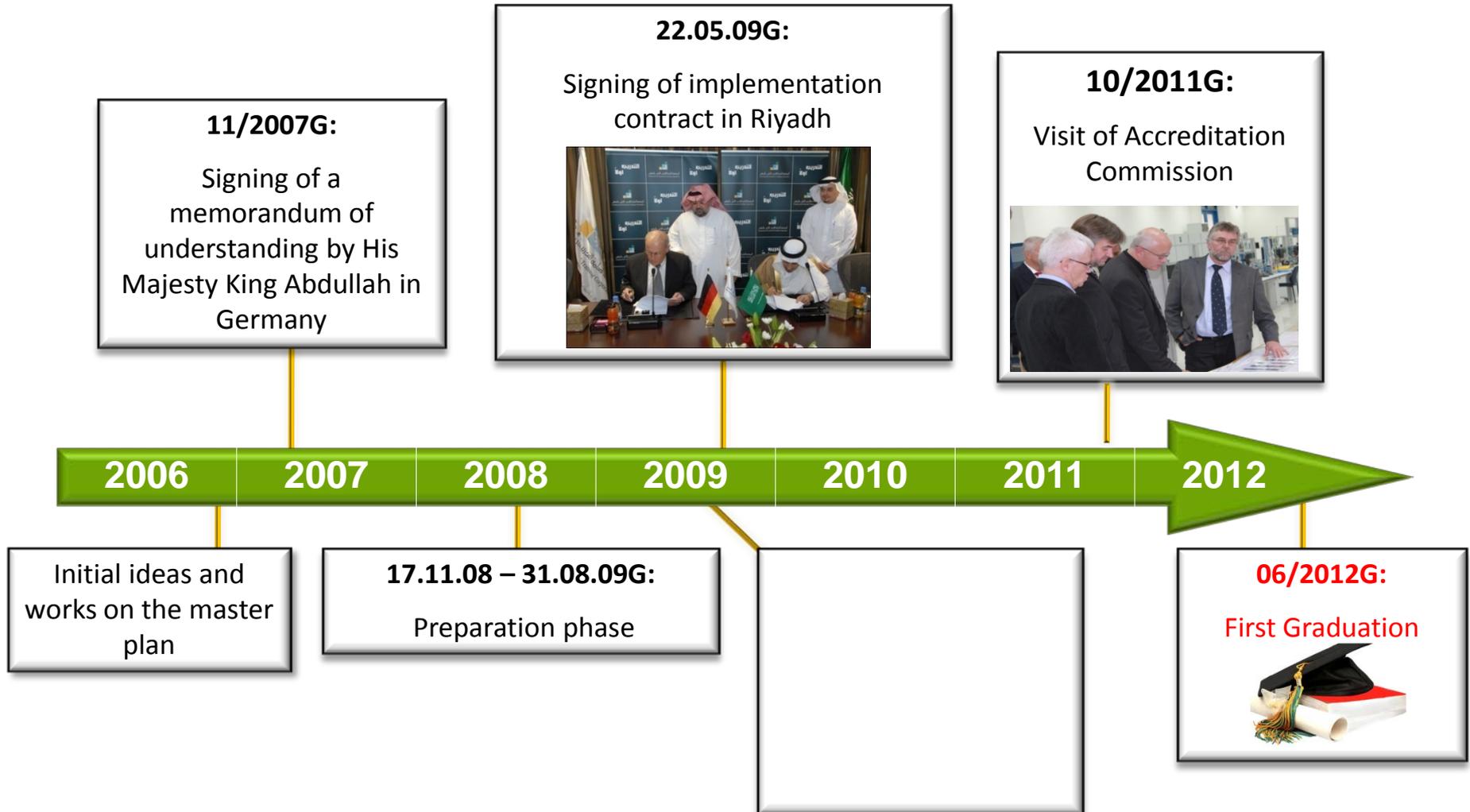
Saudi Arabia: Basic Information



Source: TVTC



Far reaching development in a short period of time





GIZ scope of work:

- Strategic planning
- Planning of infrastructure
- Development of curricula
- Recruitment of trainers
- Admission of students
- Public Relations (PR)
- Quality and risk management
- TTC accreditation



Signing of the contract: 22.05.2009G

Seating left: CEO Peter Michael Schmidt (GIZ IS)

Standing left: Vice Governor Dr. Saleh Al-Amr

Seating right: TVTC Governor Dr. Ali Al Ghafis



Students

- Currently more than **1000** students
- 1200 students to be educated at TTC as target
- Age: 22-28
- Saudi nationals
- Graduates of CoT
- Minimum GPA and English program passed





Degree:

- TTC offers a **Bachelor of Engineering Technology (BET)**
 - Combination of technical and vocational education
 - 240 Credit Points
 - 6 (8) semesters
 - English as main language of instruction

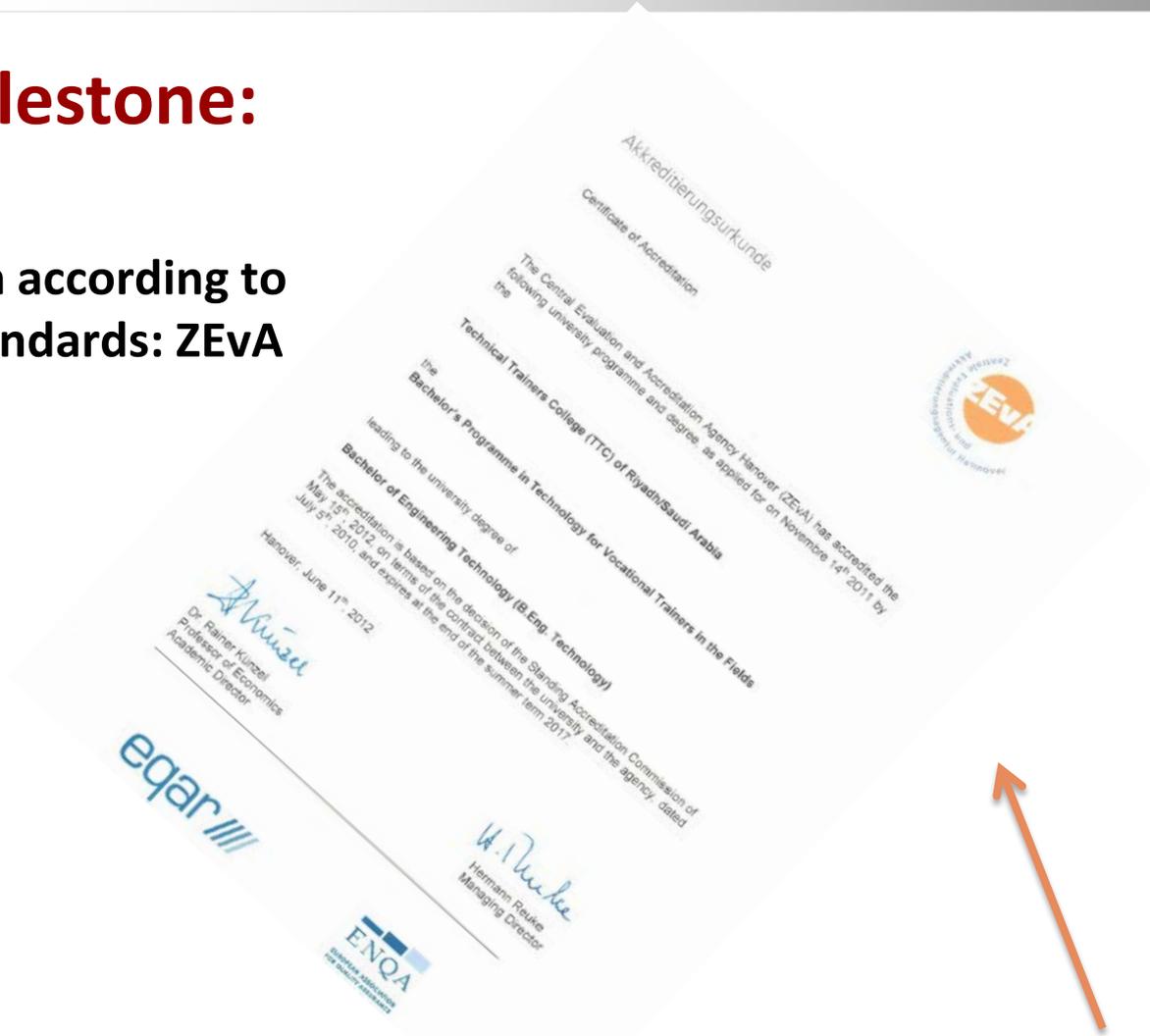
Graduates:

- Trainers at Colleges of Technology (CoT)
 - Existing CoTs
 - Foster Colleges
 - Colleges under foreign management



Important milestone:

- Accreditation according to European standards: ZEvA



TTC „Birth Certificate“



TTC programs

- a. **Mechanical Engineering**
 - Production Technology
 - Refrigeration and Air Conditioning
 - To come: Automotive

- b. **Electronics and Electrical Engineering**
 - Electrical Machines
 - Electrical Power
 - Electronics

- c. **Information and Communication Technology**
 - Telecommunication
 - Application Development
 - Network and System Administration

- d. **Islamic Studies**

- e. **Vocational Pedagogy**

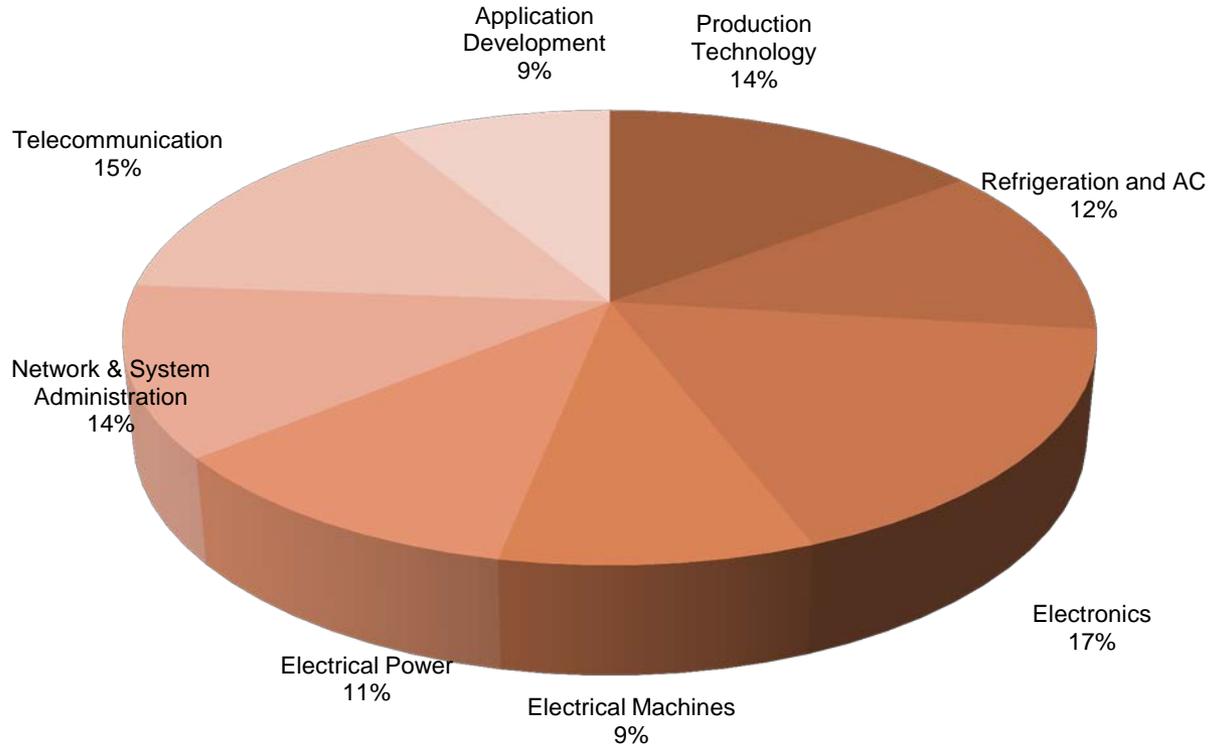
- f. **English Language Training**





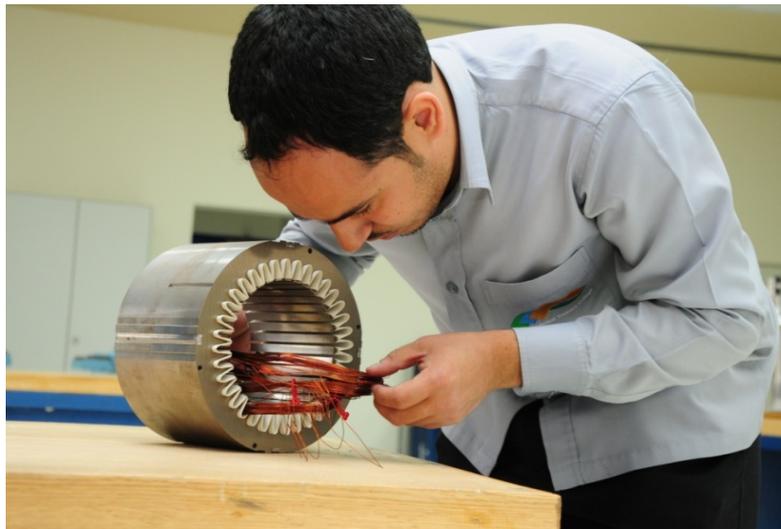
Student distribution according to vocational disciplines

Production Technology	141
Refrigeration and AC	116
Electronics	164
Electrical Machines	86
Electrical Power	104
Network & Systems Administration	166
Telecommunication	145
Application Development	82
	1004





Impressions...





Origin of our students

Origin of the students based on the location of the colleges they have finished before:

- 1-10
- 11-50
- 51+



Data from 10/2010 – 20 answers “no info”



TTC is an important project for GIZ and a cornerstone of German-Saudi cooperation



Deutsche Gesellschaft fuer
Internationale Zusammenarbeit
(GIZ) and TVTC



- Long lasting tradition of co-operation in KSA since 1966G
- Comprehensive GIZ consulting services ever since
- **TTC represents a cooperation volume of 45 million EUR from 2009 – 2012G**
- One of the few German universities abroad
- Replicable to other countries and regions
- Largest project of GIZ IS in KSA

....with sheer unlimitd potential....



■ Core data

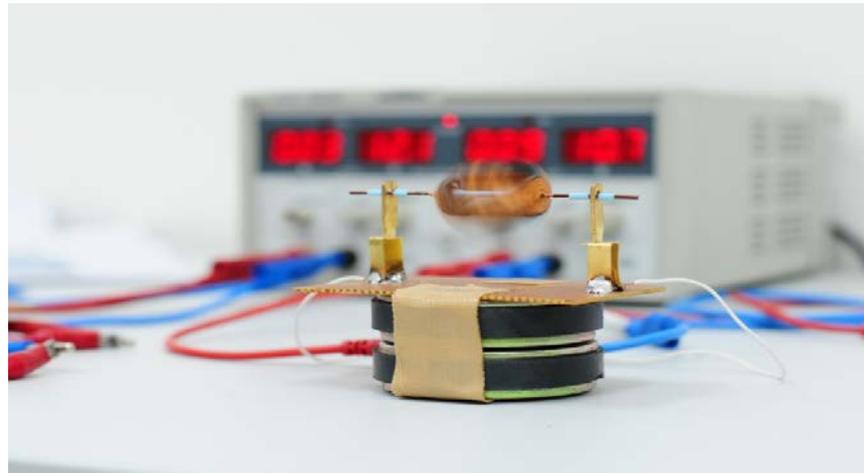
- TTC employs **106 professionals**.
- **23** faculty, staff and leadership personnel count with a **Ph.D.**
- There are in total **138 occupied positions**.



- **TTC: International working place of German origin**
- Employees at TTC come from **27 nationalities**
- TTC “professionals” have their origin in **16 nations**. Among those count, apart of Germany and Saudi Arabia, Austria, Sweden, Finland, Portugal, United Kingdom, United States, Mexico, Greece, Holland, Australia, Canada, France, Ireland, South Africa and Spain.



Impressions...





What makes us unique:

- **One-phase training** which integrates Vocational Pedagogy with technical instruction
- Dynamic and **diverse faculty**, pedagogical experts as well as technical experts, ~ 25 Ph.D.
- **Action-oriented** teaching-learning methods
- One-shot educational experience, forming **K**nowledge, **S**kills and **A**ttitude (Herz, Hirn und Hand”)
- Integrated out-of-class experience :



40 % of Practical Training	60 % Theoretical Training	
Company Field Practice, Teaching Experience, Practical Courses	Courses in the Vocational Disciplines	Courses in Vocational Pedagogy



Company Field Practice (CFP) / Industrial Relations

- Practical insights and profound understanding of the conditions in today's globalized world of work
 - Knowledge, Skills and Attitudes (K.S.A.)
 - “Out of college learning opportunities”
- Two periods of minimum six weeks in Company Field Practice (CFP-1, CFP-2) during the summer break
- **Summer 2011:** 420 students in CFP
- **Summer 2012:** 700 students in CFP
- Cooperative approach to build sustainable partnerships with companies all over the Kingdom of Saudi Arabia, including:





شكرا

Thank you!

**Visit us at www.ttcollege.edu.sa
or in Riyadh**