

Egyptian Technical Colleges Project (ETCP)

Mid-Term Evaluation Report June 2005

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II. ETCP objectives

- Development of new organizational structure by clustering the MTIs into 8 Technical Colleges.
- Development of the MTIs quality by the development of programs, curricula, teaching staff, laboratories and workshops.
- Improving the relevance and job perspectives of the graduates.
- To open channels for distance learning and sustainable in-service training for teaching staff and administration.

Mediterranean Sea

Port Said TC

Quesna TC

Elmahalla TC

Alexandria TC

Mataria TC

Sahafa TC

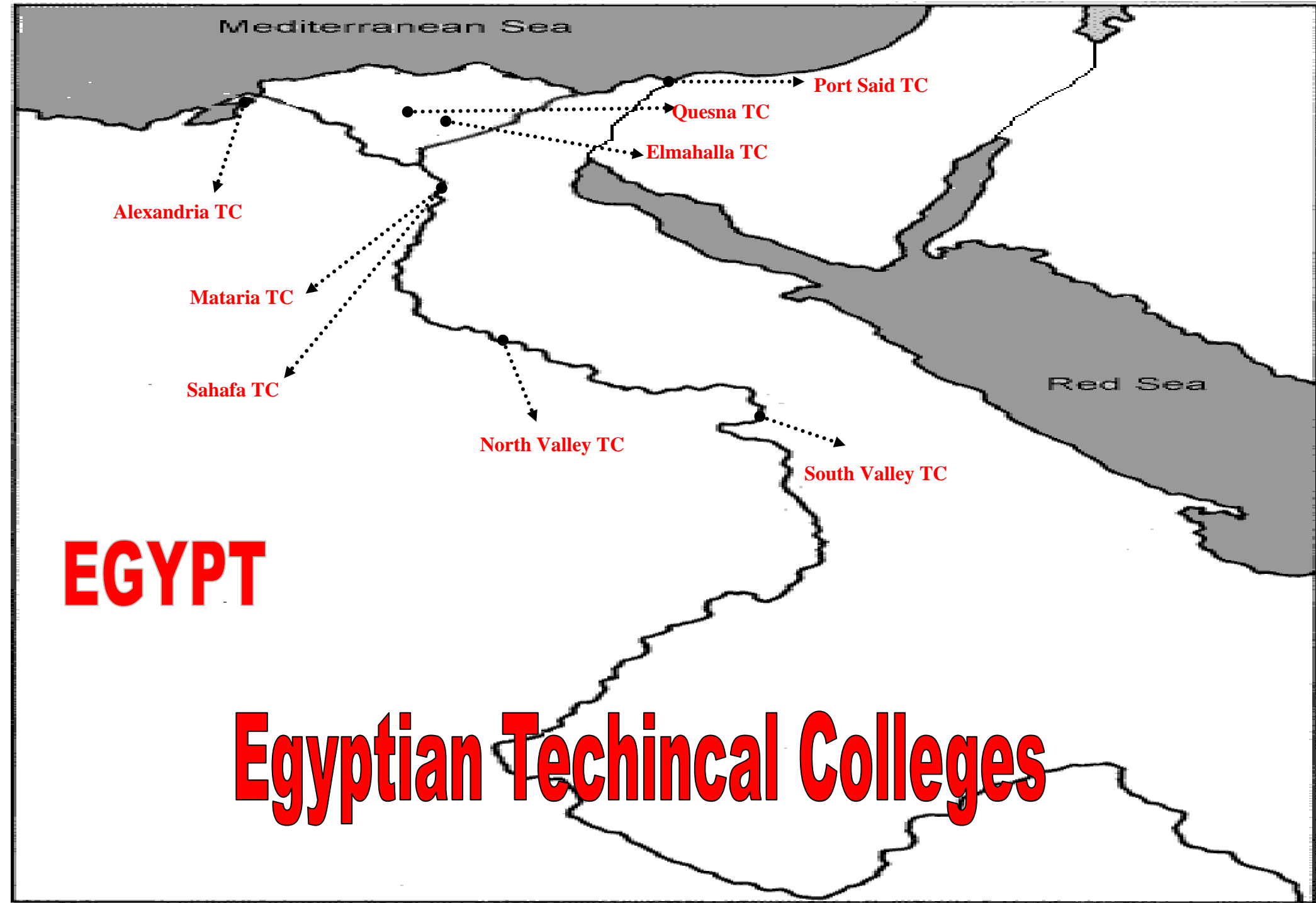
North Valley TC

South Valley TC

Red Sea

EGYPT

Egyptian Technical Colleges



V. Egyptian Technical Colleges Project (ETCP) activities and outputs

| I.D. | Activities | Outputs |
|----------|--|--|
| A | HEEP Effectiveness Date | |
| B | Bringing together MTIs into TCs based on geog. | <ul style="list-style-type: none"> - Forming a new organizational structure - Appointment of Directors and Deputy Directors of the TCs. |
| C | Development of the TC organiz. and gov. struc. | <p>Legislative framework in place for the TCs to become self-governing institutions with linkages to the private sector.</p> <p>A Ministerial Decrees for the formation of the Academic Council, Board of Trustees of each college and the Supreme Council of TCs were issued.</p> |

ETCP activities and outputs (continue)

| | | |
|-----------------|--|---|
| <p>D</p> | <p>Development of physical facilities</p> | <p>Refurbishment of 64 computer, language and internet labs, and 47 labs are being refurbished.</p> <p>Development of the institutes buildings specially in the three pilot colleges which is done as follows:</p> <p>1st. A two floor building for workshops, Labs and lecturing rooms in the Industrial Technical Institute in Quena with estimated cost of 18 MLE.</p> <p>2nd. A four Story building in El-Mataria TC with estimated cost of 7 MLE.</p> <p>3rd. Refurbishment of some buildings and new constructions in El-Mahala TC with estimated cost of 8 MLE.</p> |
| <p>E</p> | <p>TC faculty and admins. and support staff</p> | <ul style="list-style-type: none"> - A severe shortage in teaching staff and technicians, in some Technical Institutes more than 50% of the teaching staff are part time teachers. - The needs of the Institutes could be wrapped up as follows: <ol style="list-style-type: none"> 1. 226 theoretical teachers and 76 trainers for the Industrial Technical Institutes. 2. 152 teachers for the Commercial Technical Institutes. 3. 100 technicians. |

ETCP activities and outputs (continue)

| | | |
|----------|--|--|
| F | Develop. of the TC prog., curricula & educ. resour. | <ul style="list-style-type: none">-The developed programs of the commercial and social services specializations are implemented starting this academic year 2004/2005.-An agreement has been signed between the ETCP and the National Skill Standards Project (NSSP) to use the outcomes of the NSSP which determine the Skill Standards for 105 professions in the fields of industry, construction and hotel management & tourism.-The programs of the Industrial, Construction and Hotel Management & Tourism specializations were developed using NSSP outcomes and will be implemented starting from the academic year 2005/2006. |
| G | Development of TC basic labs and workshops | <p>Evaluation and awarding for 102 computer and internet labs and for 9 language labs is finalized and it will be delivered to the Technical Colleges before the end of July 2005.</p> <p>The needs of the three pilot colleges from specialized labs and workshops were defined and the specifications of the required equipments are being prepared.</p> |

ETCP activities and outputs (continue)

| | | |
|----------|---|---|
| H | Upgrading the teaching staff | <p>65 training sessions were held for training TCs top managements, teachers and technicians:</p> <ul style="list-style-type: none"> - 10 workshops were held to qualify 245 top managements in the TCs. - Total No. of teachers is 830: <ul style="list-style-type: none"> • 175 teachers had ICDL and English training. • 334 teachers had ICDL training only. • 70 teachers had English training only. • 150 teachers had specialized training. - 248 practical teachers out of 340 had specialized and hands on training programs. - 95 laboratory technicians had specialized training program. - A TOT workshop was held for 12 trainers to obtain the AFPA international training license, the workshop was organized and financed by the social fund for development. |
| I | Upgrading of administrative and support staff | <p>Training of the administrative staff will be carried out by qualified teacher who had ICDL.</p> |
| J | Linking TCs and Institutes with advanced ICT net. | <ul style="list-style-type: none"> -The specs of the internet labs in every institute were finalized and the labs were refurbished. -Delivery of internet labs will be proceeded by training the employees in the TC on the internet operations which will be organized by the ICT Project. |
| K | Linking training with labor market needs | <p>A cooperation agreement was signed in Sep.19,2004 between the ETCP and the NSSP which allow TCs to use the outcomes of NSSP which determined the skill standards of 105 profession in the field of Industry, Hotel Management & Tourism and Construction.</p> |
| L | Development of Quality Assu. & Accr. Framework | |

VII. Estimated Budget Till 30/6/2007

| | Loan Component | Local Component |
|--|-------------------|--------------------|
| ■ Computer, Internet and Language Labs | 16.5 MLE | 1.5 MLE |
| ■ Specialized Labs and workshops for 3 pilot | 50 MLE | 5 MLE |
| ■ Training | 3 MLE | 0 |
| ■ Twinning | 3 MLE | 0 |
| ■ Infrastructure and Building | 25 MLE | 8.34 MLE |
| ■ Total Estimated Budget till 30/6/2007 | 97.5 MLE | 14.84 MLE |
| | (16.81 MUS\$) | (2.56 MUS\$) |

Details of Estimated Budget Till 30/6/2007

(unit - Million Egyptian Pound)

| S | | Estimated Budget | | Year 2003 - 2004 | | Year 2004 - 2005 | | Year 2005 - 2006 | | Year 2006-2007 | |
|-------|--------------------------------|------------------|-------------|------------------|-------------|------------------|-------------|------------------|-------------|----------------|-------------|
| | | Loan comp. | Local comp. | Loan comp. | Local comp. | Loan comp. | Local comp. | Loan comp. | Local comp. | Loan comp. | Local comp. |
| 1 | Computer and Language Labs | 16.5 | 1.5 | -- | -- | 14.1 | 1.5 | 2.4 | -- | -- | -- |
| 2 | Specialized Labs and workshops | 50 | 5 | -- | -- | -- | -- | 40 | 5 | 10 | -- |
| 3 | Training | 3 | -- | -- | -- | 0.8 | -- | 2.2 | -- | -- | -- |
| 4 | Twinning | 3 | -- | -- | -- | -- | -- | 1.5 | -- | 1.5 | -- |
| 5 | Infrastructure and Buildings | 25 | 8.34 | -- | -- | -- | -- | 12 | 4 | 13 | 4.34 |
| Total | | 97.5 | 14.84 | -- | -- | 14.9 | 1.5 | 58.1 | 9 | 24.5 | 4.34 |

VII. Conclusion

In conclusion we would like to highlight problems & risks facing successful implementation of the ETCP project:

- Legislative framework for TCs to become self governing institutions should be prepared and support of the MOHE, the Cabinet and the Parliament is needed.
- Development of the infrastructure of TCs needs at least 3 times the budget allocated for this activity, i.e. extra 100 MLE is needed.
- The allocated budget will be enough to fully equip just 3 pilot colleges and hence the developed programs will be applied only in the three pilot colleges. To fully equip the other 5 TCs a budget of 60 MLE is required.
- New hiring to cover shortage in teachers and technicians, the newly appointed teachers should have the chance to get a Professional Diploma or Master Degree.
- The active involvement of the business community and private sector is still a problem and more attention should be given.
- Awareness of the local community, business community and senior schools students is still weak. Field visits were arranged, newsletters are issued and the Education Space Channel will start to broadcast subject taught in TCs.

Thank You