

Evaluating Impact

Turning Promises into Evidence

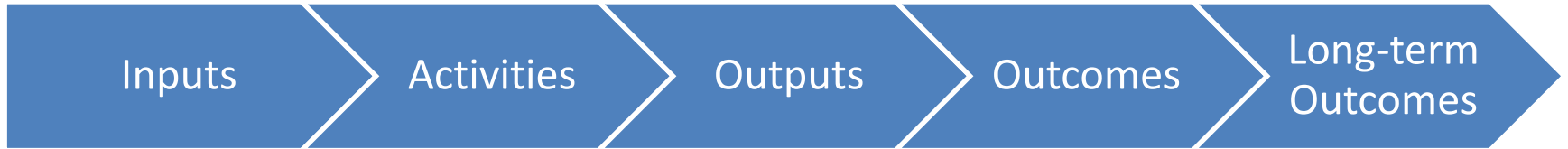
Productivity & Vocational Training
Department (PVTD)
Development Project

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1. Background

- PVTD are 54 vocational training centers that belong to the Ministry of Trade and Industry in Egypt. PVTD provide apprenticeship diploma to undergraduate students for 3 years of vocational & industrial studies.
- PVTD suffers from poor educational system due to the following reasons:
 - Shortage of skilled teachers/trainers
 - Non-modernized machinery and equipment
 - Obsolete educational curricula that does not match with the new technology applied by the industry
 - Poor management system

2. Result Chain



2. Results Chain



Inputs

- Budget of Million \$70 over 5 years.
- Resources available (54 equipped training centers distributed all over Egypt, staff, Teachers & available infrastructures.
- Governmental Support.
- Legislation.

2. Results Chain

Activities

- Conduct industrial HR Needs Mapping
- Update the educational Curricula based on a demand driven approach & EVCQ's
- Train of Trainers
- Provide & install the PVTD with modern machinery & equipments
- Restructure the PVTD and provide good management system

2. Result Chain



Outputs

- Developed technical curricula
- Upgraded machinery & Equipment
- Qualified Trainers/Teachers
- Effective Management system in place

2. Results Chain



Outcomes

- 100 Master Trainers in different area of specialization by 2010
- 400 qualified trainers/teachers by 2010
- 8000 skilled graduates by 2013,

2. Results Chain

Long-term Outcomes

- Qualified skilled graduates accepted and appreciated by the industry
- PVTD to be a profit oriented organization to ensure sustainability

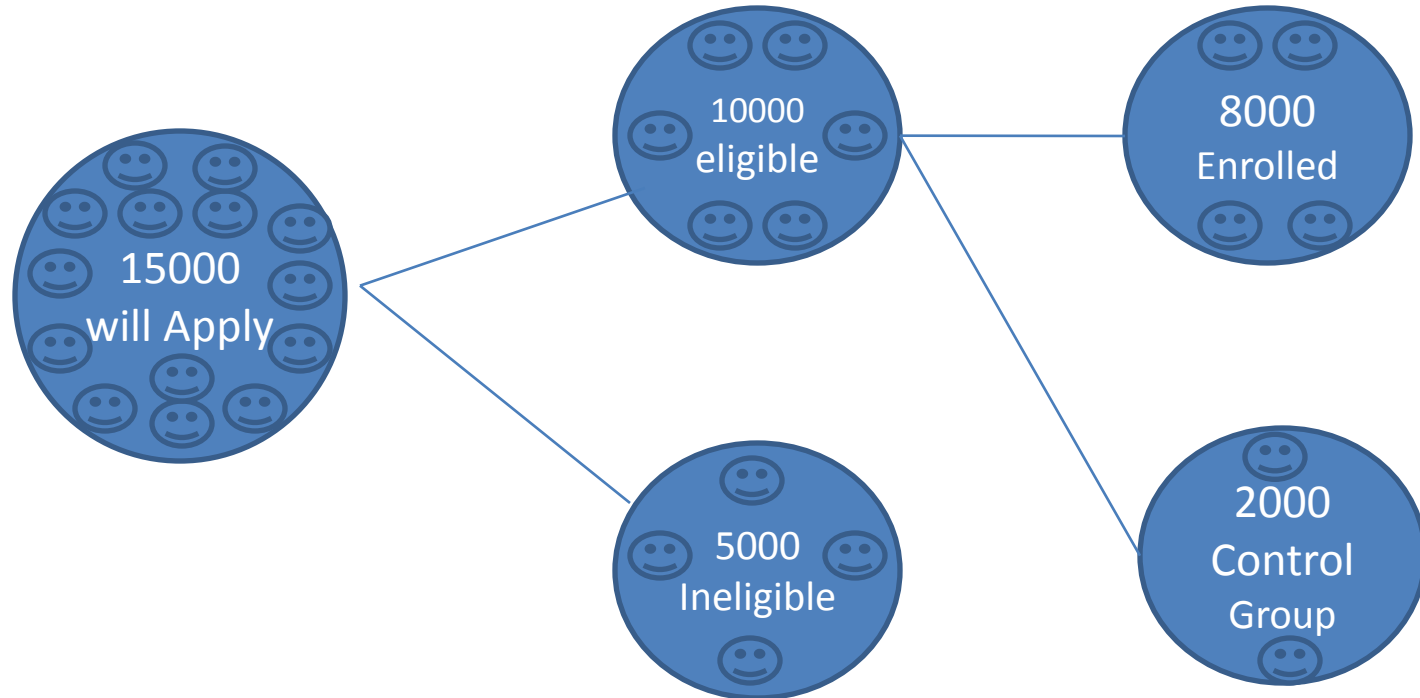
3. Primary Research Questions

- What is the impact of the development process of the PVTD 54 training centers on increasing the number of qualified skilled graduates from the PVTD that are employed by the end of 2013?

4. Outcome indicators

- An increase in the percentage of employed graduates by the industry versus the actual total number of graduates from 10% to be increased to 90% by year 2013.
- An increase in the percentage of desired undergraduates to join the PVTD by 50% more than the current existing number that newly joined undergraduates' students by year 2013.

5. Identification Strategy/Method



6. Sample and data

- 15000 Applicants.
 - 10000 Meet Criteria.
 - 5000 Didn't meet criteria
- Those 10000 Who meet criteria
 - 8000 got Enrolled (Treatment)
 - 2000 Wasn't enrolled due to the capacity(Control)
- Randomized Controls method will be used.
- Sample
 - Treatment 400
 - Control 200
- Data used
 - Application forms for Enrolled students.
 - Application forms for Those who applied but was not enrolled.
 - Recruitment Application for those Enrolled then hired after graduation.

7. Time Frame/Work Plan

- Evaluation will be done at the end of year 2013 after project finish.

8. Sources of Financing

- Ministry of Trade & Industry will be financing the evaluation as well as private sector BFs may contribute.