









JICA Project for Improving TVET Quality to Meet the Needs of Industries

Project Implementation Period: September 2015 to March 2020



TVET institute students performing electrical construction skills at National Skill Competition

As of February 2016



TVET institute students displaying handmade pilot crafts at National Job Fair

Project Pilot Sites

The Project implements a trial training course based on the developed curricula at the following three(3) pilot TVET institutes.

- 1) NPIC (National Polytechnic Institute of Cambodia)
- 2) PPI (Preah Kossomak Polytechnic Institute)
- 3) NTTI (National Technical Training Institute)



Project Office:

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Project Website:

http://www.jica.go.jp/project/cambodia/018/ind ex.html



What is TVET institutes?

TVET (Technical Vocational Education and Training) institutes focus on specialized courses to study specific subjects with practical manner, that enables for utilizing its gained knowledge and practical skills quickly when the students graduate and enter into a society.

TVET system is different from general education at high school or university, but the system also have various levels of training courses from high school up to master degree level, with a variety of majors(i.e. Electronics, Electricity, Mechanics, Civil Engineering, IT, Tourism, etc.)

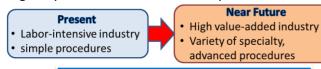
The Project targets the electricity field in a higher diploma level that applies the same level of 2 years of the college education.



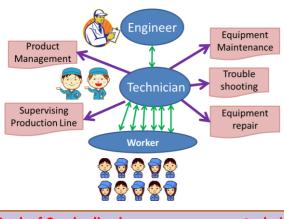


Rationale of the Project

The present trend for Foreign Direct Investment (FDI) focuses on Labor-intensive industries such as the garment industry, which is a simple assembly industry. Under the initiation of ASEAN Integration for keeping sustainable economic growth, it is imperative for the diversification of industrial structure and creation/nurture of high value-added industries. However, it appears that the lack of domestic Cambodian human resources to tackle these challenges and urgently need technicians with practical skills.



In order to move to the next step...



Lack of Cambodian human resources as technician

Formulate Project

To produce and utilize human resources for industries with practical skills at the TVET institutes in the near future

Standardize practical curricula with reflecting industries actual HR needs

Establish system to connect HR to industries

Why choose the **Electricity Field?**

- 1) Present/newly built factories have facilities/machineries controlled by electricity. Therefore staff who can operate/maintain such electric systems on production/s or processing lines as well as facilities.
- Booming by start-ups or construction, highly needed human resources who can do electrical work for factories or facilities.
- 3) In order to tackle increasing households electrification rate or dissemination of other sources of environmental energy in the near future, we need to raise human resources with knowledge and the skills of electricity.

Why focus on the Higher Diploma Level?

- 1) Manufacturing companies or factories require staff(technician) with specialized knowledge and skills to manage/improve /troubleshoot production lines to keep controlling the quality of the products (At this moment these roles are occupied by other foreign countries' technicians).
- Need practical management skills to stand in between the management /engineers and production lines for promoting efficient production with assuring its quality.

Outline of the Project

Both Cambodian and Japanese Project members are actively working for the Project's five(5) output activities in order to achieve the Project purpose.

