Why & What: Tibet is a relatively underdeveloped region in China. One of the reasons that lead to the underdevelopment of this region is the poor education of the people. To improve local labor quality and facilitate economic development, we propose an intervention which is to provide vocational education training to poor students. To measure the real impact of vocational education training, we integrate an impact evaluation into our project design.
1. Intervention Summary

Brief description of program activities and outputs:

**Activities:**
- Providing 3 years vocational training for 1000 secondary school graduates from Tibetan whose family income lower than USD $3000 per year (providing full tuition waiver and allowances of USD $800 per year for each student).

**Outputs:**
- Students graduating from the program.

**Who is targeted?**
- 1000 secondary school graduates students of minority ethnic Tibetan group whose family income lower than USD $3000 per year.

**Where is it conducted?**
- Tibetan Autonomous Region (relatively developed region out of Tibet).

**When is it conducted?**
- (2014-2016)

**Name(s) of implementing organization(s)?**
- Ministry of Education (China)
- Education Bureau of Tibetan Autonomous Region
2. Results Chain

**PROGRAM**

**Input:**
- Monetary:
  - USD $800,000 yearly for students allowances
  - USD $2.5 million yearly for maintenance/lab equipment in 20 schools
  - USD $1 million for teachers salary
- Facilities:
  - 20 schools in developed region as vocational school.
- Human Capital:
  - USD $10,000 for vocational teachers’ training
- Activities:
  - Providing 3 years vocational training for 1000 secondary school graduates from Tibetan region whose family income lower than USD $3000 per year.
  - Providing full tuition waiver and allowances of USD $800 per year for each student.

**INTERMEDIATE OUTCOME**

- Increase of graduates vocational skills, based on competency tests.
- Higher employment rate of vocational school graduates compared to control group in 2017 (after one year of graduation).

**OUTCOME**

- Increased in earnings for vocational school graduates compared to those not participating in the program
- Long Term:
  - Reduction of poverty in Tibetan regions.

**Outputs:**
- Students graduating from the program.
3. Research Questions

• Has the vocational education training helped the graduates get jobs?

• Has the vocational education training helped the students earn more than those who do not participate in the project?
4. Impact Evaluation Design

A. Describe the intervention in the:
   - Treatment: Vocational Training
   - Control: 1,000 secondary graduates (family income lower than USD$3000 per year) who are not selected by randomized assignment

B. Describe the sample size
   - Treatment: 1,000 students who will receive vocational training
   - Control: 1,000 students who will not receive the program
4. Impact Evaluation Design

C. Description of assignment rule:

Promoting vocational training opportunity for target group:
- Secondary school graduates aged 16 – 20 years old
- Family income lower than USD $3000 per year
- Graduates who intends to participate in the vocational training program

Random Sample

2000 students

Random Assignment

Treatment Group (1000 students will receive the program)

Control Group (the rest of 1000 will not receive the program)

External Validity

Internal Validity
5. Data Collection

List program indicators to be collected:

1. The employment rate of treatment group.
2. The employment rate of control group.
3. Personal income of treatment group.
4. Personal income of control group.
5. Data Collection

Method of data collection

Administrative data and school database

1. Employment rate of treatment group.
2. Employment rate of control group.
3. Personal income of treatment group.
4. Personal income of control group.
Frequency of data collection:

1. The employment rate of treatment group (yearly for 3 years after graduation)
2. The employment rate of control group (yearly for 3 years after graduation)
3. Personal income of treatment group (yearly for 3 years)
4. Personal income of control group (yearly for 3 years)

Who will collect the data:

1. Education Bureau of Tibetan Autonomous Region.
2. Labor Bureau of Tibetan Autonomous Region.
3. Tax Bureau of Tibetan Autonomous Region.
4. The database which will be built by vocational schools.
Thank you!