Catalyzing the Potential of Afghan Girls through Formal Agriculture Education

Nangyalai Attal

Echidna Global Scholar 2021

December 1, 2021



Agriculture Top Growth Sector

Backbone of the Afghan economy

• 45% of all jobs are in the agriculture

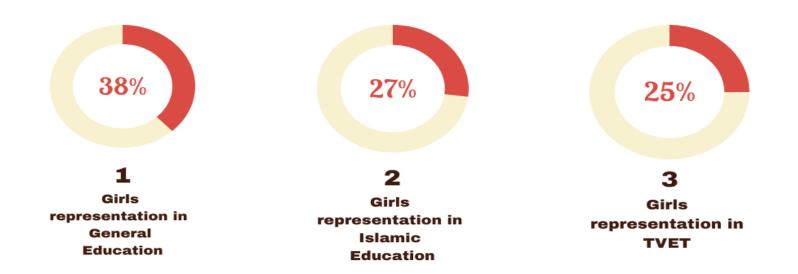
High female participation in informal sector

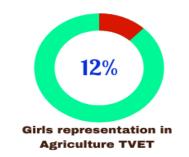
• 70% rural women are directly or indirectly involved in agriculture

Urgent need for formal skills development

- Severe drought, COVID-19 impact, economic crisis, conflict, acute hunger
- Food production and food security

Girls' Participation in Education





Barriers Previously Identified

Distance to TVET schools and institutes

Lack of female teachers and female-only spaces

Lack of trades favored by young women and girls

Lack of security, transportation and other factors

Sources: GIZ 2020, MoEC 2019, NAEC 2017, TVETA 2020

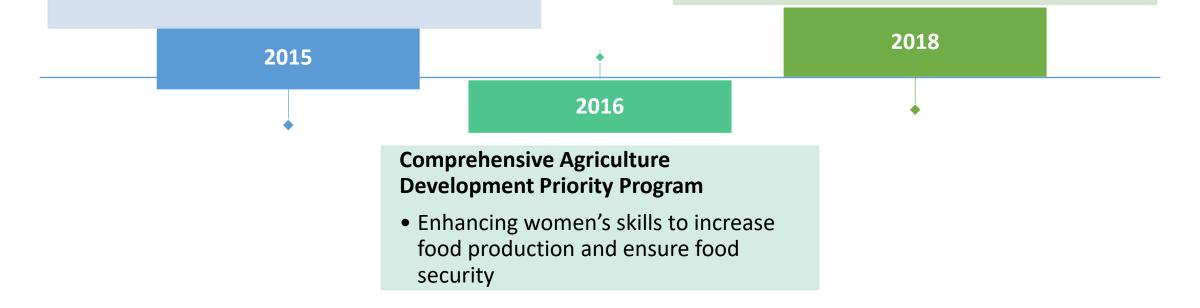
Policy Context

National Strategy on Women in Agriculture

• Women's skills development essential to inclusive growth

National Human Capital Development Priority Program

- TVET Authority established
- 380 TVET schools and institutes half dedicated to agriculture



Research Question

How to increase girls' participation in formal agriculture TVET

- What factors support girls' participation?
- What factors inhibit girls' participation?
- Which policies can help address barriers?

Data Collection

- Over 300 participants
- 240 female students
- Female teachers, TVET directors, public officials and experts
- Through cellphones, online and emails, and in person

Key Finding #1: Negative Social Perceptions

Among Students

• "I want to become a medical doctor in the future." AHS student

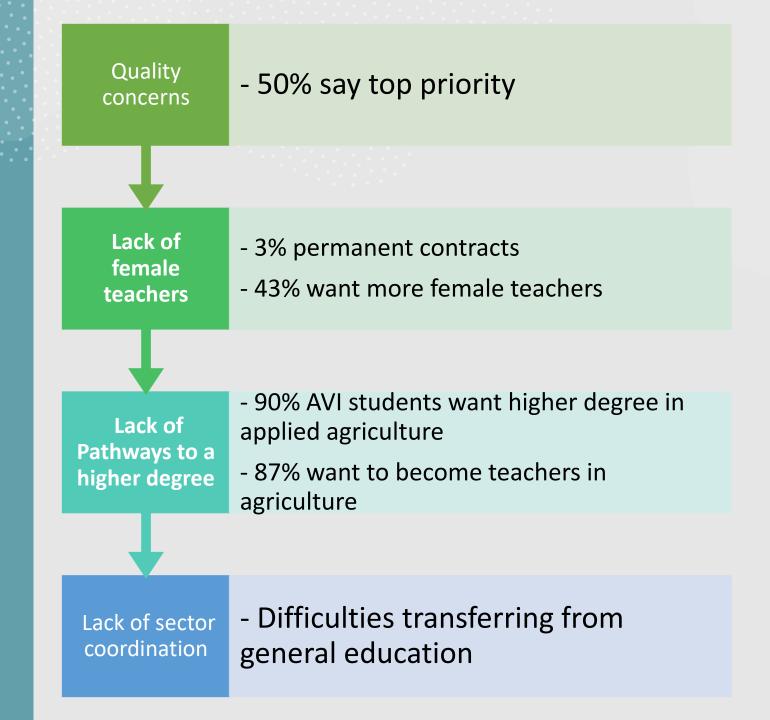
Among Teachers

• "When I heard that through the Kankor exam I got [accepted] to the agriculture faculty, I cried for one week. I wanted to become a doctor."

Among Families and Relatives

- 37% lack of parental permission
- 40 % AVI students pushed from agriculture.

Key Finding #2: Inhibitive Education System Practices and Policies



Key Finding #3: Absence of Pathways to the World of Work

Lack of jobs after graduation - 7% of female workforce – MAIL

- 70% of AVI students – increasing internships and employment will encourage families

Lack of practical trainings

- 9% AHSs/AVIs labs and farms

Where are we NOW?

Recent developments!

- 90% technical and financial resources drained
- Gradual permission
- Single sex classrooms policy

Recommendation #1

Introduce agriculture as first-class education

- Cultivate early awareness
- Benchmarks for enrollment, retention and successful graduation

Recommendation #2

Improve quality of agriculture TVET

- Distribute all textbooks and learning materials
- Increase labs and agriculture learning farms
- Customize the curricula to real world needs and local contexts

Recommendation #3

Hire more female teachers

- Separate Teacher Recruitment Guidelines
- Recruit female AVI graduates to become teachers
- Fill the gap with women from the informal economy

Recommendations #4

Provide viable career pathways to the world of work
Facilitate pathways towards higher degrees within agriculture
Provide linkages – internships – jobs

