

Activities

In order to achieve the expected outputs, the option plans to undertake the following activities.

- Establish demonstration plots of integrated production systems
- Train farmers in integrated production systems
- Train farmers in growing at least 4 commodities to reduce the negative effects of climate change

Timelines and Budget Requirements

The estimated capital cost of a small medium farmer who is engaged in mixed production system (farming) of fish, livestock (5 goats & 10 ducks), crops (sorghum & sugar beans), and vegetables (cabbage) on a 1.25 ha of land is US\$1,937.37.³ Estimated cost for the 500 agricultural HHs for both direct and indirect cost is US\$1,114,350. Funding sources are similar to those in Section 2.2.4.2.

Challenges

The risks and their mitigation measures were similar to those in Section 2.2.4.1.

2.2.4.4 Training of farmers in 'farming as a business'

Outputs and Verifiable Indicators

The expected outputs are:

- Number of agribusiness groups formed
- Number of farming HHs trained in farming as a business
- Percentage increase in incomes of farming HHs trained in farming as a business
- Targeted farming HHs sensitised on the benefits of bulking centres in promoting markets for agricultural produce
- Bulking centres established
- Farmers are trained in using mobile cell phones to access prices and market information

The verifiable indicators for this output are as follows:

- Number of agribusiness groups formed
- Number of farming HHs trained in farming as a business
- Percentage increase in the income of farming HHs involved in integrated farming
- Number of farmers sensitised on the benefits of bulking centres in promoting markets for agricultural produce
- Number of bulking centres established
- Number of farmers trained in using mobile cell phones to access prices and market availability

Activities

In order to achieve the expected outputs, this component will undertake the following activities.

³ See TAP report for details.

- Mobilise community to form agribusiness groups
- District, block and camp level staff to be trained in farming as a business
- Farming HHs to be trained in farming as a business
- Establish bulking centers for agricultural produce
- Conduct sensitizations through meetings and field visits on market information
- Conduct training on the use of mobile phones to access market prices

Timelines and Budget Requirements

This is a supportive component meant to enhance the viability of farming as farmers take a more business approach. Activities will be implemented for a period of five years from 2014 to 2018. Estimated cost for this component is US\$700 to cover production of materials on farming as a business, training workshops, establishment of agribusiness groups, establishment of savings groups, etc. Funding sources are similar to those specified in Section 2.2.4.2.

Challenges

The challenges identified include:

- Farmers have insufficient access to the markets rendering getting information by mobile phone irrelevant. This risk should be addressed by activities of the other components intending to promote market linkages.
- Some areas continue not to have mobile phone coverage. Farmers in such areas are linked to farmers in nearby areas with mobile phone coverage who pass on market information to them.

2.2.4.5 Promotion of the mainstreaming of environment and climate change adaptation in agriculture

Outputs and Verifiable Indicators

The expected outputs are:

- Awareness raised in government officials at district level on the need to mainstream environment and climate change
- Training in environment and climate change adaptation for government departments and other key partners undertaken
- Increased budgetary allocation for climate change adaptation in the agriculture and food security sector in the national budget
- Inter-ministry meetings on climate change resilience facilitated

The verifiable indicators for this output are as follows:

- Number of developmental programmes implemented in Region I that have mainstreamed environmental and climate change adaptation.
- One environment and climate change adaptation consultant is engaged
- Number of meetings held to awareness in district officials on environment and climate change issues
- Number of trainings conducted on environment and climate change adaptation for government departments and other key partners conducted.