

Briefing on Climate-Adaptive Income Generating Techniques (CAIGTs)

Objectives

Promoting Communities for Climate Resilience through;

- Reducing Income in remote climate vulnerable areas.
- Create year-round income opportunity.
- Explore and Promote affordable techniques for poor vulnerable communities.



Sack Gardening: vegetable gardening in water-logged areas using Jute or Plastic Sacks

Advantages

- Low cost & high profit [Comparing Investment]
- Requires small piece of land
- Sustainable solution as CAIGT in low-lying, water-logged, Saline & flood prone coastal areas.
- Income continue throughout the year.
- Women-friendly CAIGT as feasible in homestead areas.

Limitation

- Low structural durability, need to reinvest every year.
- Requires disposal (Plastic bag) after usage /damage.



Scaffolding Goat Rearing: A goat rearing process using elevated platform



Advantages

- Adequate ventilation of the scaffold.
- Detached ground helps to prevent diseases & mortality. That's why profit margin high.
- Low-cost investment comparing sustainability.

Limitation:

- Vaccine and vaccinators are hardly available.
- All goats are at risk of getting sick together.

Rangpur Model: Vegetable gardening process (raising agriculture beds) in water-logged areas



Advantages

- Fit for all season and place of dry and saline prone coastal areas .
- Income continue throughout the year.
- Crop diversification in same land.

Limitation:

- Managing suitable land.
- Risk of heavy rainfall and flooding.

Triple-F (Fish, Fruit & Forest) model: A integrated agriculture model, where farmers can produce fish, fruit and forest on the same piece of land

Advantages

- 3 types of agriculture practice [Fish, Fruit & Forest] provide the farmers for capital incentives .
- Sustainable income source and create investment opportunities in long run perspectives.
- Entrepreneurship model creates employment opportunity.

Limitation:

- Require large piece of land.
- Initial cost is high and hardly affordable for poor.



CAIGTs and its Next Perspectives

Water Sector

- Drinking water supply
- De-salinization
- Ensuring irrigation water [Porous pipe model, Drip Irrigation practices etc.]
- Preservation coastal forest

Agriculture Sector:

- High Value and climate adaptive cropping.
- More agriculture sub-sectoral practice will be increased.



Thank You

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