

# Introducing Modern Beekeeping Technologies at Monasteries in East Gojjam Zone of Amhara Region, North Western Ethiopia (2023-2025)

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## 1. Introduction

### 1.1 Background information

Ethiopia Population 2022: 123,415,729

Land Area: 1,000,000 km<sup>2</sup>

Density: 123/km<sup>2</sup> (94th)

Ethiopia's agriculture,

- 40% GDP,
- 80% exports, and
- 75% of the country's workforce.



### 1.2 Honey production in Ethiopia

❖Ethiopia has favorable natural resource endowment for the beekeeping

- ✓over 7000 plant species serving as bees forage

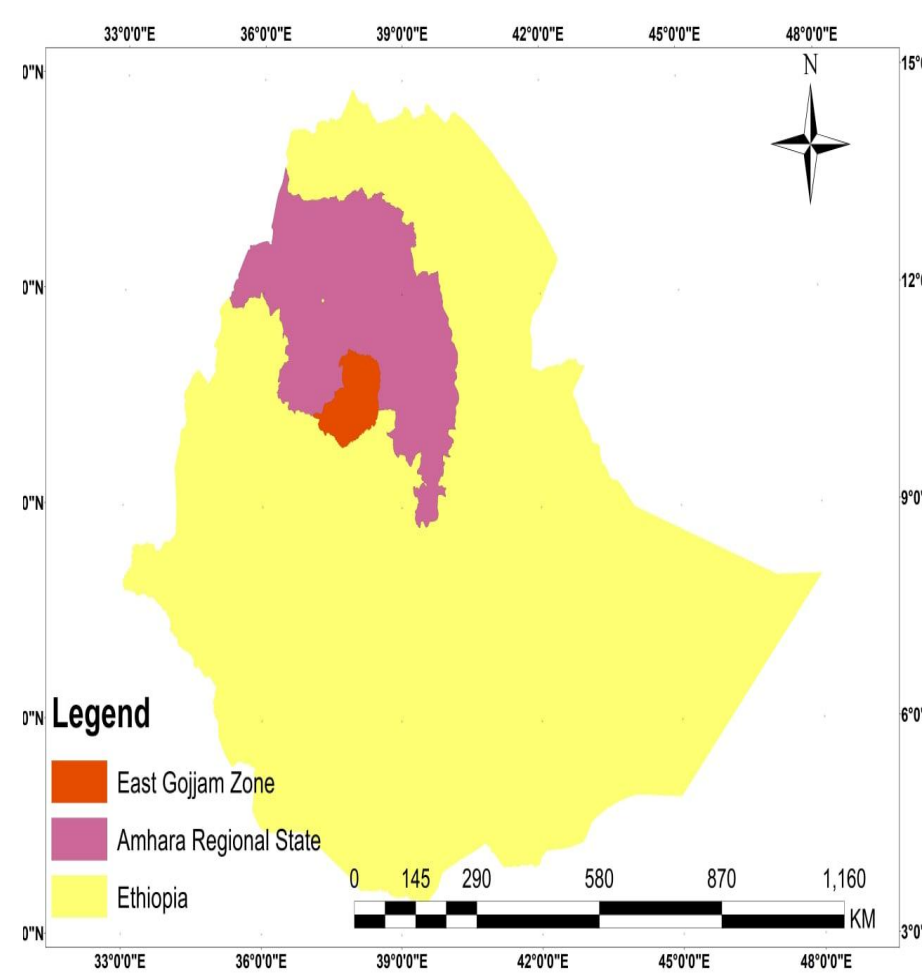


❖It has a potential of 500,000 tons of honey,  
❖However the production is limited to 10% mainly due to the traditional production system

## 2. Project Location

❖The project is going to implement modern beehive technology in

- ✓Aba Asrat monastery, East Gojjam Zone.



## 2.1 SWOT Analysis of the Project

Strengths	Weakness
<ul style="list-style-type: none"><li>➤Availability of labor</li><li>➤Indigenous knowledge</li><li>➤Requires limited resources</li><li>➤Significant income source</li></ul>	<ul style="list-style-type: none"><li>➤Limited skills of modern beekeeping</li><li>➤Rising the cost of modern equipments</li><li>➤Lack of financial capital</li></ul>
Opportunities	Threats
<ul style="list-style-type: none"><li>➤Availability of favorable climate and area closures</li><li>➤High market demand</li><li>➤Institutional linkages</li><li>➤Supportive policy</li></ul>	<ul style="list-style-type: none"><li>•Pests and Predators</li><li>•Colony absconding and Migration</li></ul>

## 2.2 Project Objectives

- To increase the income of 30 monks, women, and pro poor's, through beekeeping in monasteries.
- To improve employment of landless women on apiculture,
- To support the supply of better quality honey & by products
- To improve farmers utilization of modern beekeeping technology in East Gojjam zone



## 2.3 Major Project Activities

- 1)Providing training on modern beekeeping, Mass awareness, and organizing the monastery for the project implementation
- 2)Realizing the beekeeping technology in the monastery
  - Purchasing beehives with colony, machine and other equipments
- 3) Managing the project;
  - Monitoring and supervision activities,
  - preparing midterm report
  - Project impact evaluation on beneficiaries

## 3. Expected costs

Description	Quantity (up to)	Unit (e.g. person, vehicle, room, unit, ...)	Quantity	Unit (e.g. months, days, training, unit, ...)	Eligible up to in EUR	TOTAL in EUR (up to)
<b>1. Staff (Job Title)</b> <small>(Note: This budget line will be settled against payrolls and, if partially financed, against payrolls and time sheets.)</small>						<b>1,379.50 €</b>
Coordinator	20%	Person	18	Months	236.00 €	849.60 €
Team member	10%	Person	18	Months	294.39 €	529.90 €
<b>2. External Experts / Consultant (Job Title)</b> <small>Advisors/Consultants/ from HSWT and/or GIZ</small>	2	person	3	days	115.00 €	690.00 €
<b>3. Transportation / Travel Costs</b> <small>Debre Markos to IEAR (Holeta research center)</small>	2	trip	375	Km	0.63 €	472.50 €
<small>Debre Markos to Bahir Dar (ARARI)</small>	2	trip	342.5	Km	0.63 €	431.55 €
<b>4. Training costs</b> <small>Trainees</small>	10	Person	5	days	8.50 €	425.00 €
<b>5. Procurement of Goods</b> <small>Modern Bee Colony</small>	1	Unit	30	Unit	93.50 €	2,805.00 €
<small>Tin and Nail</small>	1	Room	20	Unit	9.65 €	193.00 €
<b>6. Other costs / Consumables</b> <small>Mobile card</small>	1	Unit	18	months	10.00 €	180.00 €
<small>Tablet</small>	1	Unit	1	unit	350.00 €	350.00 €
<b>Subtotal - direct costs</b>						<b>6,926.55 €</b>
<b>7. Supporting cost / Administration costs</b> <small>Administration costs (Driver, Accountant and Secretary etc.)</small>	10%	unit	1	unit	6,926.55 €	692.66 €
<b>Subtotal (up to - against evidence)* (direct costs + Administration Costs)</b>						<b>7,619.21 €</b>
<b>8. Own funds / third party financing (if available)</b>						<b>0.00 €</b>
<b>Grand Total</b>						<b>7,619.21 €</b>

## 4. Conclusion / Highlights

- Beekeeping is economically feasible, environmentally sustainable and the cultural spirit Ethiopia.
- Monasteries are rich in forest resources and suitable for beekeeping
- Monasteries are also good site to demonstrate technologies to the community
- This project requires only 7,619.21 € .

Thank you!

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