

# Promoting Ecosystem-based Livelihoods for Communities near Mangroves through Beekeeping in Uttara Kannada District, Karnataka

**Need of the Project:** The project addresses the urgent need for sustainable livelihoods in communities facing limited alternatives, exacerbated by the exploitation of forest and marine resources leading to habitat destruction. Beekeeping offers a non-labour-intensive, lucrative alternative, especially beneficial for women confined by domestic responsibilities. Additionally, it supports biodiversity and counters pollinator decline, crucial for wild plants and agricultural productivity, making it imperative for mitigating environmental degradation in the region.



## Project Activities:

- Activity 1: Support for initiating beekeeping activity:** 500 Bee boxes with hives were set up for marginalized women, with handholding support provided for installation and management.
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- Activity 2: Training to the Beneficiaries:** Training initiatives empowered 250 beneficiaries in beekeeping through cluster-level and individual sessions, supported by local groups and volunteers.
- Activity 3: Honey Harvest & Market Linkage:** 250 beneficiaries harvested 1-2 kg of honey each.
- Activity 4: Flora and Kitchen Garden established:** 10,000 bee-friendly seeds and saplings planted to enhance biodiversity.

## Project Impact

- Enhanced knowledge of apiculture management practices among project beneficiaries
- Increased awareness of local pests, predators, and diseases relevant to beekeeping
- Establishment of flora gardens to support biodiversity and beekeeping activities.
- Implementation of hygienic honey harvesting and extraction techniques
- Provision of income-generating opportunities for women SHG members
- Provided livelihood support to 250 SHG women and youth through bee boxes and beekeeping training.



- Enhanced production of superior-grade quality honey through training 150 women.

- Improved sustainable livelihood activities for 250 rural indigenous women, providing alternate opportunities in beekeeping.

- Established a flora garden with 10,000 saplings to support biodiversity and beekeeping activities.
- Procured 250 kitchen garden kits to enhance sustainable food production among beneficiaries.
- Beneficiaries sold two hundred kgs of honey at Rs. 550 per kg, contributing to their income generation and market engagement.