Environmental Management

Component: Promote bamboo for environmental management to reverse deforestation and reduce soil erosion, and protect riverbanks, backed by large-scale planting material production.

Development Component: Include bamboo as part of

households.

Bamboo Farming System

farming systems without competing for land used for food crops, thereby meeting the needs of income, fuel and fodder to increase the resilience of poor rural

Household Energy Production

inclusive NGO-Community-

Component: Develop

Private (development professionals) Partnership (NCPP) enterprise models for organized household charcoal and smallholder waste biomass aggregation and as intermediate markets processing them for local energy use, power production and income generation.

Livelihoods Diversification

Component: Develop inclusive enterprise models producing bamboo commodities and products for diverse markets.

OBJECTIVES

EXPECTED OUTCOMES

OBJECTIVE 1:

OUTPUT 1.1

Large-scale planting material

OUTPUT 1.2

Large scale plantation

OUTPUT 1.3

OBJECTIVE 2

Bamboo farming system

OUTPUT 2.1

OUTPUT 2.2

Micro-plantings in homesteads.

OUTPUT 2.3

OBJECTIVE 3

OUTPUT 3.1

HHC and biomass

OUTPUT 3.2

OBJECTIVE 4

furniture and construction associated policy development

OUTPUT 4.1

i for institutional markets

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OUTPUT 4.2

The International Network for Bamboo and Rattan (INBAR) is a multilateral development organization of 41 states for the promotion of Bamboo and Rattan. INBAR plays a unique role in supporting its member States to find and demonstrate innovative ways of using bamboo and rattan to promote sustainable livelihoods, secure better environment, increase national economic development and provide tools to adapt to and mitigate climate change.

INBAR connects a global network of partners from the government, private, and not-forprofit sectors to define and implement a global agenda for sustainable development with Bamboo and Rattan. Guided by United Nations Sustainable Development Goals (SDG), INBAR's priority is to work with countries to focus the use of bamboo and rattan as strategic resources that support sustainable development and their green economy action plans. Its strategy and performance contribute directly to six sustainable development goals (SGDs):

SDG 1 End poverty in all its forms

ABOUT INBAR

- **SDG 7** Provide affordable, sustainable and reliable modern energy services for all
- **SDG 11** Access to adequate and affordable housing
- **SDG 12** Efficient use of natural resources
- **SDG 13** Address climate change
- **SDG 15** Protect and restore terrestrial ecosystems



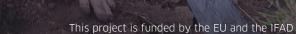
generation and creation, and environmenta

(A PROJECT IMPLEMENTED BY INBAR)



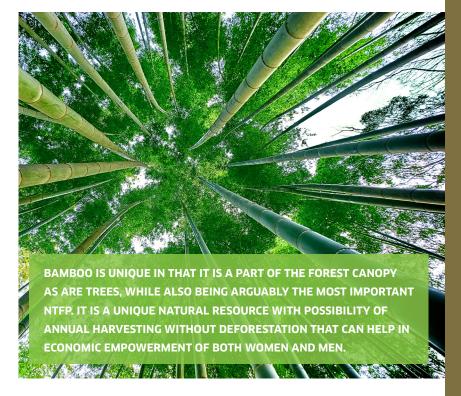






BAMBOO A STRATEGIC RESOURCE

For millions of disadvantaged people in Eastern and Southern Africa, bamboo has high potential for contributing to poverty alleviation, environmental protection and achievement of the SDGs. Bamboo can be easily integrated into agriculture - including wastelands, degraded lands and in homesteads - or farmed as the main cash crop by smallholders. Bamboo is a perennial resource that can withstand drought and be harvested annually or as needed for cash. Bamboo produces new leaves throughout the year that are good for fodder and feed, and also sheds leaves round the year, which is good for the soil. Bamboo is also wood and energy and this enables rural communities to break into the wood and energy products' markets to raise off-farm income.



PROJECT BACKGROUND

During 2010 - 2013, INBAR successfully implemented IFAD funded project - "Mainstreaming Pro-Poor Livelihoods and Addressing Environmental Degradation with Bamboo in Eastern & Southern Africa". It aimed at developing livelihood and income generation options in a way that increased demand for bamboo planting, in turn reducing deforestation, reducing soil erosion, and contributing to environmental sustainability. The grant demonstrated triple bottom line benefits and an effective and wider application of bamboo technologies resulting in market-based sustainable rural livelihood development and environmental protection in Africa, especially for poor women and youth.

PROJECT OVERVIEW

The Grant programme aims to consolidate and build on the investments made and opportunities demonstrated through the preceding IFAD grant 1177. Specifically, the project will mainstream bamboo as a source of income along the entire value chain from growing to processing to distribution. While this remains the main purpose, the framework for action is now more focused, as the local contexts and markets are better known, and the relationships with local stakeholders are enhanced and consolidated in the three beneficiary countries.

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GOAL

e overall goal is optimization and scaling up benefits to the participating communities and e environment through specific value-chain iven sustainable management and farming bamboo for resilient rural livelihoods and bust environmental management in Ethiopia, adagascar and Tanzania.

BENEFICIARY COUNTRIES

The project is being implemented in three peneficiary countries (with South-South inkages to India):

hiopia I Madagascar I Tanzania

PARTNERS

hionia

- INBAR Project under SLMP II, MOANR, Ethiopia
- Amhara National Regional State Bureau of Agriculture
- Amhara National Regional State Technical, Vocational, and Enterprise Development Bureau
- Community-Based Integrated Natural Resources Management Project (CBINReMP) (IFAD Loan project)

Jadagascar

- Support Programme for Rural Micro enterprise Poles and Regional Economies (PROSPERER) (IEAD loan Project)
- Vocational Training and Agricultural Productivity Improvement
 Programme (FORMAPROD) (IFAD Joan Project)
- Fiompiana Fambolena Malagasy Norveziana (FIFAMANOR),
 Ministry of Agriculture and Livestock
- Ministry of Environment, Ecology, Sea and Forests
- Center for International Bamboo Resource and Technology
 (CIBART-Madagascar)

ania:

- Tanzania Forest Service Agency (TFS), Ministry of Natural Resources and Tourism (MNRT)
- Mheya District Council
- Iringa District Council
- WODGRA Bamboo and Briquetting Co. Ltd

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- INBAR Action Research Sites
- Centre for Indian Bamboo Resource and Technology (CIBART)
 and its daughter organizations
- Indian Institute of Soil and Water Conservation (IISWC
- Government of Uttaraknand

TIMELINE
Oct 2014-Dec 2018