



Driving Ecosystem Restoration and Resilient Economic Growth by Unlocking Nepal's Bamboo Sector

Project

The project will focus on bamboo plantation and promotion of bamboo-based enterprises. The project will contribute to protection of forest landscapes, soil and water resources, reduce GHG emissions through bamboo plantation, and create green jobs by accelerating bamboo-based enterprise.

Rationale

Nepal's bamboo industry is underdeveloped compared to South-east Asia and China, but by encouraging bamboo-based businesses and planting more bamboo, the sector could grow significantly. Bamboo might play a significant role in Nepal's plan to achieve its objectives for sustainable development, its approach to coping with and mitigating climate change, and Nepal's recovery from the Covid-19 pandemic.

ALIGNMENT WITH GOVERNMENT PRIORITIES

Bamboo plantation, promotion, and use are included in key national policies and plans:

- National Biodiversity Strategy and Action Plan (2014-2020)
- Agriculture Development Strategy, 2014
- National Forest Policy, 2019
- National Agroforestry Policy, 2019
- Forest Act, 2019
- Fifteenth five-year plan (2019-2024).

OBJECTIVES

This project aims to contribute to bamboo sector development in Nepal by

- Bamboo plantation in fragile Chure hills for ecosystem restoration and on agricultural land to fulfil the demand for bamboo for business purpose.
- Bamboo based enterprise development through capacity building of actors in bamboo-based handicrafts/furniture and fabric production

ADVANTAGES OF BAMBOO SECTOR IN NEPAL

- Natural resource that supports rural livelihood and rural economy
- Maintain and restore ecosystem function
- Fastest growing plant species requiring low input
- Multipurpose uses including construction (flooring, roofing designing, and scaffolding), furniture, food, fabrics, paper, ornamental planting, etc.

CURRENT SITUATION OF BAMBOO SECTOR IN NEPAL

- Lack of prioritization of bamboo sector by policy makers
- Lack of financial incentives for bamboo enterprise development
- Poor value chain and product development of bamboo
- Farmers' ignorance of the possibility of the sector
- No detailed inventory of existing bamboo forest estate

FACTSHEET

- 3.16 million hectares (12% of the total area of Nepal) have been affected by degradation¹
- Despite Nepal's richness of bamboo, due to lack of support to farmers, fragmented market, limited skills, the bamboo-based economy only contributes 1-2% to the national GDP²
- The global bamboos market size valued at USD 53.28 billion in 2020 and expected to expand at a compound annual growth rate of 5.7% from 2021 to 2028³

¹Ministry of Environment, Science and Technology, 2008.

²Karki et.al, 1998

³Bamboos Market & Trends Analysis Report 2021 - 2028, Grand View Research



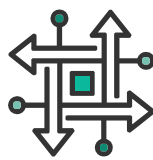
OUTCOME: Bamboo resources growth and bamboo-based enterprise is advanced through both planning and investment.



OUTPUT 1

Roadmap for Bamboo Sector, Driving Ecosystem Restoration and Resilient Economic Growth by Unlocking Nepal's Bamboo Sector published

GGGI Nepal, in partnership with Ministry of Forests and Environment, developed a strategic plan for overall development of the bamboo sector in Nepal whose implementation will contribute towards the development of bamboo-based economic sector that provides sustainable income and employment opportunities to local people thereby contributing towards ecosystem restoration, green, resilient and inclusive development.



OUTPUT 2

A Guidelines on Institutional Arrangement for Bamboo Sector Development at Provincial and Local Level

GGGI Nepal produced a Guidelines on Institutional Arrangement for Bamboo Sector Development at Provincial and Local Level. This guideline outlines existing key institutions and their roles and responsibilities, programs being implemented by federal, provincial, and local government, and way forward for overall development of the bamboo sector from institutional perspectives.



OUTPUT 3

National Consultation workshop on bamboo sector development

This national consultation workshop will introduce the National Roadmap for Bamboo Sector to the Government of Nepal, multilateral donors, the private sector, and civil society organizations. This workshop will provide a comprehensive picture of the status of the bamboo sector, including distribution, cultivation and management, market trends and opportunities, roles in ecosystem restoration, and inclusive development.

NATIONAL ROADMAP FOR BAMBOO SECTOR

The national roadmap has been prepared with a vision of: "A bamboo-based economic sector is developed that provides sustainable income and employment opportunities to local people thereby contributing towards ecosystem restoration, green, resilient and inclusive development".

It provides a comprehensive picture of the status of bamboo sector in Nepal, including distribution, cultivation and management, market trend and opportunities, role in ecosystem restoration and inclusive development. The roadmap will assist policymakers, planners, and practitioners in overall bamboo sector development in Nepal.

A GUIDELINES ON INSTITUTIONAL ARRANGEMENT FOR BAMBOO SECTOR DEVELOPMENT AT PROVINCIAL AND LOCAL LEVEL

The Government of Nepal is being involved for bamboo sector development in the country through several institutions. After the federalization, the provincial and local governments are also formulating and implementing programs and activities related to bamboo.

It is expected that the guidelines will serve as a guiding document to formulate and implement bamboo-related programs by concerned institutions at federal, provincial and local governments.



About GGGI

Global Green Growth Institute (GGGI), headquartered in Seoul, Republic of Korea, is a treaty based inter-governmental organization dedicated to promoting and encourage strong, inclusive, and sustainable economic growth in emerging and developing economies.

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