



Bamboo for Climate Action

Swiss Portfolio Outcome:	Improved social well-being for all
Implementation Period:	01.04.2023 – 31.03.2026
Implementing Partner:	Center for Natural Resource Studies and International Development Enterprises
Swiss Contribution:	CHF 2.25 million
Modality:	Contribution

General Description

Bangladesh ranks as the seventh most climate vulnerable country and the impact of climate change further burdens the socioeconomic challenges of the rural populations, such as Rohingya refugees and host communities in Cox's Bazar. Bamboo plays a vital role in Bangladesh's forest ecosystem, biodiversity, and local livelihoods. The Bamboo for Climate Action (B4CA) project has been developed to support the Government of Bangladesh's social forestry initiative and works across humanitarian and development nexus in market and value chain development to strengthen and sustain the targeted communities' ability and capacity to diversify income and market access.

Objectives

B4CA aims to improve resilience to climate change for refugees and host communities through bamboo plantation, processing, and promotion as an effective nature-based solution with multi-purpose effects. This nexus project also focuses on existing market systems and value chain capacities to enhance livelihoods while addressing economic vulnerabilities in a protracted crisis.

Lines of Action / Components

- Skills training on sustainable bamboo cultivation methods, Small and Medium Sized enterprises (SME) and bamboo crafts for the host and Rohingya communities.
- Development of bamboo grower business associations at five sub-district levels (five associations in each sub-district).
- Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning.

Intended Impact in terms of Systemic Change

B4CA fosters the use of bamboo to support climate change resiliency of rural and urban populations. Besides, bamboo products as a construction material and fuel contribute to the livelihoods of rural and urban dwellers. Therefore, this project influences behaviour changes from short-term income to entrepreneurial business commodity and a long-term green livelihood option for households.

Intervention Targets

- A total of 53,000 beneficiaries (host community: 52,000 and Rohingya refugee: 1,000) are supported as bamboo growers in both host and Rohingya communities.
- A targeted 50% female beneficiaries benefit from livelihoods and market linkages.
- Annually 30–121 ton carbon to be sequestered per hectares of bamboo plantation.
- An estimated 500 hectares of area of re-greening through afforestation, reforestation, and homestead plantation.