

Media Update

PTFI and Bamboo Foundation Developing a Bamboo-Based Economy in Coastal Timika

Labuan Bajo, 9 September 2024 - PT Freeport Indonesia (PTFI) and the environmental conservation foundation Yayasan Bambu Lingkungan Lestari (YBLL) have signed a collaboration agreement for the development of an innovative and sustainable community economy based on bamboo, for the population in Coastal Timika, Central Papua.

The signing of the collaboration agreement was conducted by PTFI Deputy President Director Jenpino Ngabdi and YBLL Chairperson Monica Tanuhandaru in Labuan Bajo, East Nusa Tenggara, on Sunday (8/9).

Jenspino said the collaboration embodies PTFI support and endorsement for increasing and building community capacity and sustainable development. "This collaboration affirms PTFI's commitment to conducting a responsible mining operation and consistently providing sustainable value addition for the environment and communities," he stated.

In the implementation, Maria Bintang Laut Cooperative (KMBL) from Timika Diocese, which is a partner to PTFI will be working together with YBLL to provide communities with intensive training on matters relating to the sowing of seeds, planting, and maintenance of bamboo. Demonstration plots will then be established, accompanied by mentoring and assistance, in three proposed locations in Timika namely the villages of Nayaro, Tipuka, and Ayuka in Mimika, Central Papua, along with other areas in several regions across Indonesia. In 2006, KMBL began partnering with PTFI to empower communities in the lowland and coastal areas of Mimika Regency.

The goal of this collaboration was to create a model for the development of an economy based on bamboo that is innovative and sustainable, in support of achieving sustainable development goals (SDGs) locally and setting a paradigm for establishing harmony and compatibility between industry and environmental conservation.

It is known that bamboo has unique characteristics, among others a healthy and robust cluster has the ability to store 3,600 liters of water and absorb 3.33 tons of CO₂ equivalent. With 1,500 types of utilization offered, bamboo holds massive economic potential.

YBLL Chairperson Monica Tanuhandaru elucidated, the program was designed to provide communities with practical skills. "The program will be run using a development model for bamboo cultivation pilot projects, with application of the Lestari bamboo forest method developed by YBLL in Timika and ensuring long-term sustainability through follow-up training on utilization and maintenance, and provision of continuing counseling and guidance," Monica said.

In addition to intensive training and planting of bamboo, the collaboration will encompass an empowerment and gender equality program with a focus on participation by women in the training program and implementation.

PTFI together with the Mimika Regency government and local residents is endeavoring to accelerate mangrove ecosystem restoration in the Ajkwa River estuary area in Mimika by means of an estuary structure program. Among others, the bamboo structure method serves to trap tailings sediment and form it into new land, which will be planted with mangroves.

The bamboo structure method captures and retains sediment using bamboo arranged into "E" or "T" forms, thus their E-Groin or T-Groin description. The estuary structure program engages 18 community groups consisting of members of the Kamoro Tribe who inhabit the lowland areas of Mimika Regency. From late 2022 through 2024, PTFI employed 200 native Kamoro Tribe members for this endeavor.

This program is expected to contribute to local economic growth, environmental conservation, carbon absorption, and developing and building community capacity to manage natural resources in a sustainable manner.



PHOTO	CAPTION
 <p>A photograph showing two men standing on a stage during a partnership signing ceremony. The man on the left is wearing a white shirt and the man on the right is wearing a dark shirt. They are both holding certificates or documents. Behind them is a large screen displaying the logos of PT Freeport Indonesia and the Environmental Bamboo Foundation, along with text about agro-ecological bamboo development.</p>	<p>PTFI Deputy President Director Jenpino Ngabdi (left) and YBLL Chairperson Monica Tanuhandaru (right) during the signing of the collaboration agreement in Labuan Bajo, East Nusa Tenggara, on Sunday (8/9). The goal of this collaboration was to develop an economy based on bamboo that is innovative and sustainable.</p>
 <p>A photograph showing a man in a white shirt and a red cap watering newly planted bamboo seedlings in a field. Other people are visible in the background, some standing and some working with the plants.</p>	<p>PTFI Deputy President Director Jenpino Ngabdi watered newly planted bamboo seedlings at the Komodo Bamboo Campus in Labuan Bajo, East Nusa Tenggara, on Saturday (7/8) as part of the Impact Investment Day 2024 agenda.</p>

PHOTO	CAPTION
	<p>The launch of the Bamboo Structure project by PT Freeport Indonesia, in collaboration with the Mimika Regency Government and the local community in Muara Ajkwa, Mimika Regency, took place on November 22, 2023. The Bamboo Structure serves as one of the initiatives to accelerate the restoration of the mangrove ecosystem at the Ajkwa River estuary in Mimika through the Estuary Structure program.</p>
	<p>PT Freeport Indonesia builds the Estuary Structure at the Ajkwa River estuary in Mimika Regency, using Bamboo Structures to capture sediment from tailings, forming new land to be planted with mangroves.</p>

About PT Freeport Indonesia (PTFI)

PT Freeport Indonesia (PTFI) is a mineral mining company affiliated with Freeport-McMoRan (FCX) and Mining Industry Indonesia (MIND ID). PTFI mines and processes ore to produce copper concentrate, which also contains gold and silver.

PTFI markets its concentrate to all parts of the world, and primarily to the first domestic copper smelter in Indonesia, which is operated by PT Smelting. PTFI's mining operation is located in the Grasberg mineral district in Papua – Indonesia. PTFI is currently conducting the world's biggest underground mining operation using the block caving method. In conducting its operation, PTFI promotes and upholds responsible and sustainable business practices.