BAWONAHONO, NIAS mangrove restoration and livestock husbandry

Project & location

This project combines a mangrove rehabilitation effort with husbandry development in Bawonahono Village, Teluk Dalam province, Southern Nias.

Problem description

The village of Bawonahono is one of the villages heavily affected by the 2004 Tsunami and the 2005 earthquake. Ecosystem destruction was observed by subsidence of ground surface soil which resulted in increasing risk of abrasion and erosion. This condition is badly influenced by logging activities and land encroachment of mangroves area for settlement and fuel wood.

Rehabilitation effort in Bawonahono village is limited to planting trees. While early observation and discussion with local communities shows that the most needed activities are regulations and mutual agreement among communities on designation of protected areas combined with alternative livelihoods; the coastal community livelihoods whose are dependent on coastal resource will be the target group of these activities.

Recovery goals

Under Phase 2, this extended project aims at rehabilitating 20 ha by planting 20,000 mangrove seedlings of 10 different species. The expected survival rate is 80% at the end of the project.

In addition, it is also expected that a village regulation on coastal protection is developed and being implemented by local communities. Approximately 30 households will benefit from husbandry activities combined with revolving fund.

Funding allocation

The total budget available for this project equals 15,000 Euro. Within the project, funds will be allocated for:

- Planting 20,000 mangrove seedling consist of 10 species (minimal) in an area of 20 ha.
- Developing village regulation to protect mangrove forest.
- Developing goat and pig husbandry for economic enhancement.
- Facilitating management of revolving fund unit (*Simpan Pinjam Unit)* within community groups.

Beneficiaries

It is expected that 1200 people will benefit from this project; the number of women participating and benefiting will be 500.

Partners on the ground

Lembaga Pengembangan Pesisir Pulau Pulau Kecil da Laut (Marine, Coastal and Small Islands Development Organization)