

## FISHERIES & AQUACULTURE REHABILITATION AND DEVELOPMENT PROJECT, ACEH PROVINCE, INDONESIA

JANUARY 2007 - JUNE 2010

The Dinas Kelautan dan Perikanan (DKP) of Nanggroe Aceh Darussalam (NAD) Province, with technical support from the FAO of the UN and the financial support of the American Red Cross, is implementing Project OSRO/INS/601/ARC for the “Rehabilitation and sustainable development of marine fisheries and aquaculture affected by the tsunami in Aceh Province, Indonesia”.

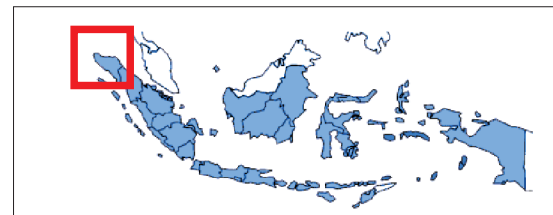
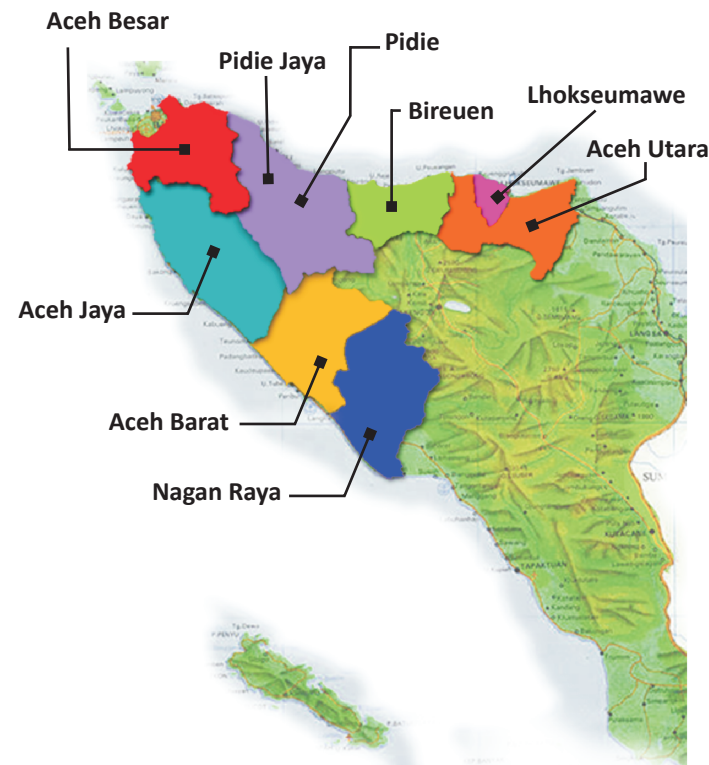
The project is working to support the sustainable development of Aceh's fisheries and aquaculture sector through training and capacity building, securing livelihoods and building dynamic communities. Activities are aimed to benefit a wide range of people in the tsunami affected areas, from fishermen to government staff - and to build on the infrastructure investments already made in Aceh by other donor agencies during the past 3 years.

The project has four components:

1. Coordination & Planning
2. Fisheries Co-management
3. Aquaculture
4. Post-harvest & Marketing



and is operating in 9 of Aceh Province's 18 coastal districts; Aceh Jaya, Aceh Barat and Nagan Raya in the West; Aceh Besar, Pidie, Pidie Jaya, Bireuen, Lhokseumawe and Aceh Utara along the north coast.



### Component 1 CO-ORDINATION AND PLANNING

The activities of the Coordination and Planning component are focused on working together with project partners (Governor's Office, BAPEDALDA, BAPPEDA, various technical Dinas and other development organizations) to:

- strengthen government coordination of fisheries and aquaculture development at, and between, the national, provincial and district levels;
- support the government in promoting fisheries and aquaculture development practices that are more efficient, sustainable and technically appropriate;
- strengthen government capabilities in planning, on technical issues and in the sustainable use of aquatic resources.

The coordination and planning component is working at the provincial level and in all 9 target districts: Aceh Jaya, Aceh Barat and Nagan Raya in the West; Aceh Besar, Pidie, Pidie Jaya, Bireuen, Lhokseumawe and Aceh Utara on the north coast.

Activities include:

- promoting improved coordination and planning between the different levels of government;
- capacity building through formal and informal training;
- awareness building, including through information 'kiosks', support to the Green Aceh Conference for Fisheries and Aquaculture 2008 and for the Fisheries Forum 2009.

### Component 2 CO-MANAGEMENT

Fisheries co-management is a partnership arrangement in which the fishers, the community and the state share responsibility and authority for managing a fishery.

The work of the component is centred on the coastal marine fisheries of Aceh Besar, Aceh Jaya, Aceh Barat and Nagan Raya.

Our work with the coastal communities is primarily through the training of 200 youth as Community Motivators. This training focuses on community organisation and on fisheries development and management.

Our work with the Panglima Laot – at province, district and Lhok levels – focuses on creating awareness of the need for co-management of fishery resources with the full support of the state.

Our work with the staff of the Dinas Kelautan dan Perikanan – at province and the district level – will prepare them for the challenges of coastal fisheries management. Knowledge of community participation will be improved through visits to other countries; skills in the technical aspects of fisheries co-management will be built through formal training.

By the year 2009 we expect to have demonstration sites in all the four districts where a principle of co-management has been adopted in the coastal fishery.

By the end of the project the fisheries co-management component will have fostered new ways of managing the local fisheries - involving the fishers, the community and the state, working together for a sustainable long term future.

### Component 3 AQUACULTURE

Better Management Practices (BMPs) are a key requirement for successful aquaculture in Aceh. FAO, in collaboration with ACIAR, ADB, IFC, NACA and WWF, is supporting DKP and BBAP Ujung Batee in disseminating and promoting BMPs in those districts which have important shrimp farming sectors. They are also providing direct extension services to farmers in the affected tsunami areas of Aceh Besar, Pidie, Pidie Jaya, Bireuen, Aceh Utara and Lhokseumawe throughout the project period 2007 - 2010.

The main activity in progress is the demonstration of BMPs in tambaks (coastal ponds) in pilot villages (Pidie, Bireuen, and Aceh Utara). Farmers are provided with technical support on a daily basis, including in tambak preparation, shrimp and fish seed selection, stocking, water quality, feed and health management, and in the post harvest handling of shrimp and fish to win better market access. Polyculture systems for farming shrimp, milkfish and seaweed together in the same pond are being promoted to improve on the more traditional aquaculture patterns of Aceh. In addition, BMPs for the cage culture of finfish are being promoted through training for farmers.

Women heads-of-households who depend on aquaculture activity are being provided with training in BMPs and in domestic financial management.

DKP provincial and district level technical capacities and capabilities are being strengthened and policies improved to achieve the goal of sustainability in aquaculture. Wider consultations with government agencies including BAPPEDA and BAPEDALDA are being encouraged so as to reinforce the Aceh aquaculture sector.

Strengthening of the technical capacities and capabilities of the Balai Budidaya Air Payau (BBAP) Ujung Batee is underway to improve the services provided by government to farmers.

### Component 4 POST HARVEST

The work of the Post-harvest component is focused on:

- making the best use of fishery resources;
- improving handling, processing and marketing practices;
- supporting planning and policy;
- strengthening the skills and knowledge of public sector staff;
- strengthening the technical capacity and supporting the livelihoods, of fishermen, processors and traders.

The project is working with staff from DKP, Sekolah Usaha Perikanan Menengah (SUPM Ladong), Syiah Kuala University (UNSYIAH) and the Laboratorium Pengujian dan Pengembangan Mutu Hasil Perikanan (LPPMHP).

The component activities are focusing on:

- strengthening policy and planning;
- improving the fish handling and processing methods used by fishermen, processors or traders;
- supporting market access for existing or new products;
- developing business skills.

Our project partners from DKP, SUPM, UNSYIAH and LPPMHP will play a key role in providing the technical support and training needed for these activities.

The key learning from the project will form the basis for policy and planning guidance and the wider dissemination and promotion of good post-harvest practices.

By the end of the project the work will have strengthened collaboration and linkages between community stakeholders and the government to support the long term development of the post-harvest sector in Aceh.

The ultimate goal is to make best use of fishery resources and improve livelihoods by introducing sustainable and responsible fish utilization practices.

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# Towards Sustainable Fisheries and Aquaculture

**CO-ORDINATION  
AND PLANNING**

**CO-MANAGEMENT**

**AQUACULTURE**

**POST HARVEST**

Rehabilitation and sustainable development  
of fisheries and aquaculture affected by the tsunami  
in Aceh Province, Indonesia

January 2007 - June 2010

