

## INDONESIA STATUS REPORT

31 OCTOBER 2005

### **Coordination:**

FAO is working closely with the Government of Indonesia, line Ministries and NGOs in providing technical and policy guidance to plan and coordinate rehabilitation efforts in the agriculture, fisheries and forestry sectors. FAO's emphasis is on optimizing sustainable outcomes and rebuilding livelihood opportunities for vulnerable fishing and farming families to enhance their food security and incomes. FAO has provided technical guidance and expertise to the Government of Indonesia through its close collaboration with the Ministry of Marine Affairs and Fisheries (MMAF), the Ministry of Agriculture (MoA) and the Ministry of Forestry. As a result, the Government of Indonesia was able to develop a rehabilitation and reconstruction strategy in Aceh and Nias for agriculture, fisheries and forestry. FAO is also working closely with the Rehabilitation and Reconstruction Agency (BRR - Badan Rehabilitasi dan Rekonstruksi) for Aceh and Nias to help coordinate humanitarian efforts in the region.

### **Agriculture:**

In the agriculture sector, FAO has distributed rice seed packages to 11 787 beneficiaries and is currently distributing agricultural inputs amounting to approximately US\$1.05 million to an additional 29 750 beneficiary households in the east and west coasts of Nanggroe Aceh Darussalam (NAD). Of these 29 750 beneficiary households, 5 600 households will receive rice seed packages, each consisting of 20 kg of certified rice seed and 150 kg of fertilizer sufficient to cultivate approximately 0.5 ha of land, 9 300 households will each receive seed crop packages consisting of groundnut, soybean and/or maize seed, tools and 50 kg of fertilizer, 8 000 households will each receive vegetable crop packages consisting of six varieties of vegetable seed, tools and 20 kg of fertilizer, and 6 850 households will receive estate crop seedlings. Target districts include Aceh Besar, Aceh Jaya, Aceh Barat and Nagan Raya on the west and the districts of Pidie, Bireuen and Aceh Utara on the east. Additionally, equipment worth almost US\$490 000, including 75 hand tractors, 150 threshers, 300 water pumps and 50 reapers, are being provided to farmer groups for rice, vegetable and estate crop farming activities. FAO's implementing partners in the agricultural sector include international and national NGOs such as Keumang, Solidarité, Action contre la faim, Food for Hungry, World Relief, Mercy USA, Catholic Relief Services, Spanish Red Cross, Gruppo Volontariato Civile and Project Concern International among others.

FAO is also supporting a cash-for-work (CFW) programme to clear debris and rehabilitation paddy fields, in partnership with local organizations. About 300 labourers are currently involved in CFW activities. Additionally, livestock inputs of over US\$100 000 consisting of poultry kits and veterinary supplies have been procured.

### **Fisheries:**

In the fisheries sector, FAO is helping fishing communities resume their livelihoods through the distribution of fishing gear and boat engines. A total of 518 fishing gear kits amounting to about US\$400 000 and consisting of 25 different items (including hooks, handlines, etc.) and 3 114

multi-filament fishing nets have been distributed to beneficiaries in North Sumatra and Nias Island. Another 504 kits are being procured for delivery to beneficiaries. In addition, about 921 boat engines are being procured to complement the ongoing boat building assistance. FAO is supporting the Dinas Kabupaten Perikanan (DKP), local fishery authority, to implement their boat building programme. FAO's assistance to the programme includes the development of boat specifications and minimum standards for construction, training of boat builders and monitoring of boatyards for boat delivery. Following a spate of sub-standard boats being constructed and delivered in the last few months, FAO has made the training of boat builders an integral part of its efforts to ensure that safe, high quality boats are delivered to fishers. Forty-two boat builders, including representatives of the DKP and the local fisher association, Panglima Laot, have received training through two boat building sessions held in the districts of Aceh Utara on the east coast and Nagan Raya on the west coast.

Five boats produced during the first boat-building training have been delivered to fishers. Approximately 200 more boats are being built by FAO in collaboration with local NGO partners in Aceh Besar, Aceh Barat, Aceh Utara, Pidie and Simeulue (island). Many of the 42 FAO-trained boat builders have returned to boat yards administered by these NGOs, thus linking FAO's quality training with its boat building assistance.

FAO is also assisting about 185 beneficiary groups, 30 percent of which are led by women, through the distribution of small-scale fish processing units and processing sheds to the Aceh Besar district on the west coast, and Pidie, Bireuen and Aceh Utara districts on the east coast of the Nanggroe Aceh Darussalam (NAD) province. About 1 480 individuals, 60 percent of whom are women, have benefited from employment in these fish processing units. Two fish markets have been built in the Meuraxa sub-district of Banda Aceh and 200 insulated-fibre fish boxes are in the process of being distributed to the fishers, fish traders and fish processors around Banda Aceh and Simeulue.

#### **Forestry:**

Many farmers and fishers in tsunami-affected areas are dependent on forests and trees for their livelihoods. Efforts to rehabilitate mangrove forests, to plant coastal shelterbelts, and to replant timber and fruit trees would serve to protect human lives and inland assets, and improve household economies. FAO is developing a program to facilitate district and village level land use planning to identify opportunities for forest rehabilitation, reforestation, and agro-forestry to provide for coastal protection and livelihoods needs of local populations. In addition, FAO's assessment of wood demand and supply for reconstruction of houses and other infrastructure has produced positive results concerning government action to protect natural forest and wildlife reserves and address the danger of accelerated illegal logging and deforestation.

## MYANMAR STATUS REPORT

31 October 2005

### **Coordination:**

In Myanmar, FAO is collaborating with UNDP to provide assistance to tsunami affected fishers; in the agriculture sector, FAO is supporting 1200 farmers in the worst affected tsunami areas of Pyinsalu Sub-township, Laputta, Ayeyawady Division.

FAO is partnering with the Mangrove Service Network, a local NGO, in the distribution of both agriculture and fishery inputs. The transportation of the agriculture inputs had started in middle of August while reconfirming the beneficiaries. Immediately after completion of reconfirmation process, distribution of the inputs started on 10 September, 2005 and all of the agriculture inputs were distributed. Due to some saving of Expendable Equipments – Agriculture Inputs, 120 baskets of Mung bean and 1200 mango seedlings were arranged to be procured for distribution.

### **Fisheries:**

In the fisheries sector, FAO held two training workshops in July on fishnet making which were designed to improve the skills of women in net-making and income generating activities. The procurement of about 100 boats and accessories, as well as 700 tiger mouth fishing nets is underway. The procurement orders for long lines, tiger mouth nets were issued on 28 September, 2005 and for 32' fishing boats and 20' fishing boats were issued on 5 October, 2005 and 10 numbers of 20' boats and 5 numbers of 32' boats were already built. Recently, 350 tiger mouth nets, and 67 long lines were received and paid. These nets will be distributed on 2 November, 2005. The 5-days Post Harvest Fishery Training Workshops were planned in three villages during 19-23 September, 26-30 September and 3-7 October, 2005. These training workshops are planned to create income generation options with value added products. A fisheries backstopping mission lead by Mr Thomas Moth Poulsen was carried out from 23-29 May 2005. Another fisheries backstopping mission of Mr. Thomas Moth Poulsen made a visit from 30 October and will be in Myanmar till 5 November 2005. The Fishing Gear Technician from the department of Fisheries has been hired since 20 October, 2005 to check the specification of the tiger mouth nets, long lines already submitted and other nets not yet submitted.

### **Agriculture:**

Procurement of agricultural inputs consisting of rice seed, fertilizers, and different varieties of vegetable seeds, seedlings and hand tools has been completed. The distribution of agricultural inputs commenced on 10 September and completed 25 of October.

Similarly, two trainings were carried out which are now ongoing for the agriculture sector, the Home Gardening and Post Harvest Management Training, and Field Crops Training in three villages. Each of the trainings has 5 days duration in each village and commenced on 19 September, 2005 and completed on 7 October, 2005. These trainings intend to increase the income, introduce appropriate cropping patterns and cropping techniques, create more job opportunities, and empower women.

An agriculture backstopping mission was carried out by Mr Yuji Niino from 7 to 13 August 2005.

### **General:**

The Operational Backstopping Mission of Ms. Victoria Sun has been visiting Myanmar from 30 October to 5 November, 2005.

## SEYCHELLES STATUS REPORT 31 OCTOBER 2005

### **Coordination:**

In the framework of the mid-term review of the UN Appeal, which was launched in early April 2005, FAO appealed for a total of US\$2.75 million to assist the fishery and agricultural livelihood rehabilitation and recovery of the tsunami-affected population in the Seychelles. In April 2005, TCEO fielded a mission to Seychelles in order to assess the damage and to prepare, in close consultation with the government, project proposals for the pledges received from donors in response to the Appeal. In June 2005, a technical backstopping mission from FIIT was fielded. An emergency coordinator has been in on site since early June and local technical experts have been contracted.

FAO is working closely with the Government of Seychelles, through the Seychelles Fishing Authority (SFA) and the Ministry of Natural Resources and the Environment. Procurement and/or contracts for rehabilitation work are underway in all active projects.

### **Fisheries:**

In the fisheries sector, FAO is providing support to: (i) replace damaged boat engines, parts, and equipment (ii) replace actual vessels lost in the disaster (iii) replace damaged and lost fishing gear and equipment (iv) repair a damaged ice storage facility.

### **Agriculture:**

In the agriculture sector, FAO is providing a variety of agricultural inputs to assist farmers recover from the disaster.

### **Forestry/Rehabilitation:**

In the area of environmental rehabilitation, FAO is providing support to stabilize slopes affected by the Tsunami and prevent further erosion and damage to key coastal areas.



## SOMALIA STATUS REPORT 31 October 2005

For tsunami relief in Somalia, the Norwegian Government, Trinidad and Tobago Government through OCHA, the Italian private supermarket company CONAD and the Church of God in Christ COGIC, an Afro-American religious organization, have up to now provided a total of US\$1 349 887.

In October, the Standard Bank of South Africa offered a further contribution of US\$150 000.

In Somalia, FAO cooperates with the Humanitarian Assistance and Disaster Management Agency (HAMDA), established by the Puntland Authorities with responsibilities for overall coordination of the post Tsunami interventions.

Under HAMDA, consultations have been carried out with all implementing agencies in the area through Coordination Working Groups that update and coordinate all efforts. A Fishers' Association statute template has been prepared by FAO Somalia and has been adopted by HAMDA and the interagency task force. Four district associations have been established, their legal status has been officially recognized by the Ministry of Fisheries and they have been registered with the Puntland Authorities.

To date, FAO has launched four tenders for approximately US\$603 000 worth of fishing gear and boats for the affected communities, with the objective to deliver the inputs during the current fishing season. Local suppliers have been encouraged to participate in the bids.

Technical specifications have been prepared for the purchase of three ice making machines and a feasibility assessment was carried out to identify suitable locations for their installation and operation.

In October, a training programme was organized for 36 selected fishermen and 4 extension workers from the affected coastal communities in Badar Beyla: three days were focused on fish handling and processing and two days on the environment and the management of marine resources. A final day was dedicated to hygiene and management of fishery waste. During next month each trainee/focal point will train, in his turn, 20 fishermen/ processors/ women in their respective villages with the help of flipcharts and a trainer's guide that are being designed by the team according to the results of the evaluation of this training.

An advanced training course for repair of outboard engines has been prepared for the second half of November: 34 mechanic fishers representing each of the affected communities in Puntland are expected to participate.

## SRI LANKA STATUS REPORT 31 OCTOBER 2005

### Assessments:

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#### Fisheries

- Assessment of Rehabilitation and Reconstruction Needs in the tsunami affected Post-harvest Fisheries Sector - Sri Lanka – February 2005
- Joint FAO/MFAR needs assessment - Harbours and Anchorages – March 2005
- Joint FAO/MFAR Preliminary assessment of the tsunami damages to the fishing fleet of Sri Lanka and short-term needs for rehabilitation – March 2005
- Fishery Sector Emergency Needs Assessment Of Fishing Gear To Sri Lanka – March 2005
- Needs assessment of relevant institutions – March 2005
- Joint FAO/MFAR Damage to Coast Conservation Structures and Habitats and recommendations for their rehabilitation and reconstruction – March 2005
- Fisheries Sector Emergency Assistance – April 2005
- Joint FAO/MFAR Post Harvest Facilities Needs Assessment – June 2005

#### Agriculture

- FAO Agriculture assessment entitled “Strategy and Programme for Reconstruction and Development of the Agriculture Sector in Tsunami Affected Areas” - April 2005
- FAO Agriculture Assessment of salinity damage entitled “Assessment of damage caused by the Tsunami to crop production, land and irrigation water resources in Sri Lanka, reclaim ability of soil and water resources and suggestions for short and medium term activities in general agriculture” - April 2005

### Activities:

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#### Fisheries

**Fishing net distribution** – 6 076 fishing nets distributed

**Engine distribution** – 350 engines of a planned 655

**Boat repair** – 4 414 boats repaired

**Engine repair** – 3 350 engines repaired

**FRP materials** – 394 759 kg distributed worth US\$765 009

**Rigifoam and timber** – US\$12 049 worth of Rigifoam and timber distributed

**Boat and engine repair tools** – US\$52 772 worth of tools distributed

#### Agriculture

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##### *Update on distributions for Maha (current) season*

**Paddy seeds** – 200 105 kg of a planned 281 980 kg of paddy

**Fertilizer** – 1 096 840 kg of a planned 1 177 515 kg of fertilizer

**Fruit trees** – 1 119 fruit trees are planned for planting

**Vegetable seeds** – 2 608 of a planned 3 598 packets of quality vegetable seeds

**Other field crops (OFC)** – 37 175 kg of a total planned 39 275 kg of OFC

### ***Yalla (previous) season***

**Electrical conductivity and salinity metres** – 27 conductivity and 10 pH metres to 8 districts.

**Mammoties** – 9 250 mammoties to 8 districts

**Hand tools** – 14 810 hand tools distributed by MALLI

**Seed paddy** – 66.7 tons of seed paddy in three southern districts

**Fertilizers** – 166.8 tons of fertilizer in three southern districts

**Vegetable seeds** – 560 home garden packs in three districts in the south

**Sprayers** – 270 sprayers to 7 districts

**Water pumps and accessories** – 65 water pumps and accessories

**Canvas lay flat hose** - 540 meters of hose

### **Livestock**

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**Solar refrigerators** – 3 solar refrigerators to Mulativu

### **Livelihoods and gender**

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**Community nurseries** – 4 community nurseries built in Hambantota district, assisting more than 300 tsunami affected women to enhance their livelihoods.

### **Forestry**

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Regional forestry project initiated in Bangkok. Inception mission scheduled for end of November.

### **Training:**

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- From September 12 to 30, FAO held nutritional training in 10 locations in Ampara district. The training programme for OSRO/SRL/507/EC trained a total of 400 beneficiaries on how to cook and prepare nutrition enhanced meals.
- From September 13 to 16 FAO held a training workshop in Tangalle which trained 30 participants on how to undertake participatory livelihoods analysis (Component of OSRO/SRL/505/ITA).
- From July 27 to 28, FAO held a workshop in Colombo designed to put in place mechanisms for the development of model coastal communities in Hambantota, Ampara and Batticaloa (Component of OSRO/SRL/505/ITA).
- An In – Service Training Programme was conducted for 43 Agriculture and Fisheries Instructors in Vavuniya from 26 – 28 July as part of the nutrition component for project OSRO/SRL/507/EC. The main objective was to provide support to increase food security and nutrition during emergencies as well as to build the capacity of local people to promote nutrition and livelihood opportunities. The training demonstrated how to enhance micronutrient, protein and energy intake for meals using locally grown horticulture produce, rice and fish. Processing of horticulture produce and fish for preservation and long - term use was also demonstrated as part of the training sessions.
- 100 Ministry of Agriculture Officers were trained on Salinity control & Land rehabilitation in Ampara district.

## THAILAND STATUS REPORT November 2005

### **Coordination:**

A regional fisheries consortium has been established for the coordination of a fisheries and livelihood recovery programme in collaboration with relevant regional fisheries and aquaculture organizations. FAO Regional Office in Bangkok has also organized four regional workshops to identify a strategic framework for the medium- and long-term tsunami rehabilitation in the region, thereby enhancing collaboration and coordination.

The FAO Regional Office expanded the function of its Tsunami Task Force with the establishment of Tsunami Technical Coordination Unit. The activities of the Task Force will be supported and strengthened through the new regional project “Regional co-ordination and information management on strategies for early recovery of agriculture in coastal regions (US\$800,000)” which is funded through OCHA’s unearmarked funds.

### **Fisheries:**

In the fisheries sector, FAO assisted the Government's efforts to re-establish sustainable fishery activities, rehabilitate affected/damaged areas and restore fisheries-based livelihoods. More specifically, fishers would be able to resume fish harvesting for nutrition and income-earning in the most affected provinces of southern Thailand, thereby reducing dependency on food assistance and reducing their vulnerability to financial crisis. FAO has distributed 800 fish cages, 180 000 fish fingerlings, 18 000 fish traps (crab, squid and fish traps), 3 320 sets of shrimp gill nets, 408 pieces of woods for boat repair and 328 fish cage nets. In addition, to support fisher folk for a rapid re-establishment of sustainable income-generating activities, 430 boat engines and associated accessories have been/being supplied to 28 fisher folk groups in six provinces for the distribution to selected 430 fisher folk on loan. FAO is now moving towards medium and longer-term post-tsunami rehabilitation phase. Under this new phase (with two new projects approved recently -US\$ 760,000), FAO is supporting the government in undertaking a technical assessment for determining the level of fishing capacity and a stakeholder analysis for the implementation of community based sustainable coastal resource management as well as in empowering coastal fishing communities for their self-help development. Coordination capacity of Department of Fisheries will also be enhanced through the project under a joint DOF-FAO post-tsunami rehabilitation coordination unit which is being established within the Department of Fisheries (DOF).

### **Agriculture:**

Many of the poor farming communities in the affected regions lost their crops, livestock and production assets. Subsequently, their means to support their way of living and immediate food needs of their families were unlikely to be met without assistance.

The intrusion of sea water due to the tsunami and resulting soil salinity affected a range of crops such as grasses (important for livestock), vegetables, young oil palm, rubber seedlings, rambutan, and mangosteen. The crops died within three to four weeks after sea water intrusion. By August 2005, FAO

delivered 247 tonnes of gypsum (natural calcium sulphate) to farmers. By applying gypsum, the soil structure has been improved and thereby facilitated the leaching of salts from the rooting zone. 15 000 fruit seedlings (coconut, oil palm and cashew nut) were also distributed to farmers. A total quantity of 1052 tonnes of organic fertilizer was procured and distributed to tsunami affected farmers to improve the soil organic content of their farm land and offset the effects of salinity. Distribution of 177 tonnes of animal feeds and 1 500 pieces of mineral blocks for livestock was also carried out to help livestock farmers. FAO is targeting over 1 600 farmers to help them resume agriculture activities. FAO is now moving towards medium term rehabilitation phase with the implementation of in-depth technical damage assessment in agriculture sector and identification of appropriate soil reclamation measures for medium/long term post-tsunami rehabilitation through a new project (US\$ 323,480). Eighty (80) Hydroponic and 30 net house vegetable production units have been/being delivered to tsunami affected farmers under the building-back-better concept. In addition, 38 tonnes of gypsum, 7.7 tons of organic/chemical fertilizers and 4 450 pieces of fruit tree seedlings were handed over to the tsunami affected farmers in October 2005.

#### **Forestry:**

An in-depth technical assessment of mangroves and other coastal forests affected by the tsunami in Southern Thailand began in early July under a new project (with the budget of US\$220 000) and the Plan of Operation of the project was approved by the Project Steering Committee chaired by the Government in August 05, followed by the project inception meeting held in September 05. This project will also assist the Government in promoting their capacity for integrated coastal land use planning and forest ecosystem management through the application of remote sensing and RS/GIS. The all procurement actions were completed and the delivery of equipment for GIS facilities will take place in early November.