### Title of project
Coordinated Actions for Disaster Risk Reduction and Empowerment (CADRE) Programme

### Duration
15 Months. Implementation period 01/01/2007 – 31/03/2008

### Country
Timor Leste

### Locations
Lautem District, Muro and Luro Sub-Districts (1 Muro and 6 Luro villages inside the Raumoco Watershed)

### Principal objective
Contribute to reduced vulnerability of communities and populations from flooding and drought through the development of sustainable, replicable and coordinated preparedness and mitigation actions at the local, national and regional levels.

### Specific objective
Improved disaster risk reduction capacities and strategies of poor and vulnerable women, men and children, target communities and other key stakeholders of the Raumoco watershed.

### Results and Key activities

**Result 1: Vulnerable communities and populations inside the Raumoco watershed have reduced exposure to the risk of flooding and drought through sustainable preparedness and mitigation strategies linked to local, national and regional coordination mechanisms.**

- **Activity 1.1 Participatory Watershed Mapping** – Training on Participatory 3-Dimensional Mapping (P3DM) and production of a 3-D model of the Raumoco Watershed identifying geo-referenced hazard risks, resources and vulnerabilities.

- **Activity 1.2 Community-Based Disaster Risk Management (CBDRM) Action Planning** – Hazard, Capacities and Vulnerabilities Assessment (HCVA) and mapping of local hazards, identification of elements at risk, and prioritizing mitigation and preparedness actions to reduce vulnerabilities at the aldeia/suco (sub-village/village) levels.

- **Activity 1.3 Education and public awareness-raising campaigns** – Reaching out to the most vulnerable communities and populations with information on the causes and impact of flooding and drought through sharing sessions and discussions, a 30-minute radio programme, billboards and posters and training of school children on the use of theater arts for dramatizing disaster events and mitigation and preparedness strategies.

- **Activity 1.4 Early Warning and Forecast Systems** – Localized rainfall monitoring and community-based tracking of seasonal changes using seasonal calendars and close coordination with the NDMO for information exchange on weather patterns.

- **Activity 1.5 Evacuation planning** – Enabling the Suco Disaster Management Councils (SDMCs) to map evacuation routes to safe houses and evacuation zones and assigning responsibilities to SDMC members/volunteers in assisting the most vulnerable individuals/households (female-headed households, the elderly, etc.), including simulation exercises.

- **Activity 1.6 Support flood mitigation interventions** – Promotion of soil and water conservation measures, especially in upstream areas to prevent flash floods and run-off during heavy rains; reforestation and stream bank stabilization initiatives along the Raumoco River.

- **Activity 1.7 Support drought mitigation interventions** – Disaster-proofing local livelihoods through on-farm trials of drought-resistant varieties of crops and vegetables; improving land preparation and rice production techniques; intercropping of corn, velvet bean, pumpkin, beans; controlled goat raising and dispersal (using goat sheds and the establishment of forage farms to prevent overgrazing and soil erosion), among others.

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**Result 2: Increased institutional capacity, coordination and networking for Disaster Risk Reduction from target villages through to sub-district, district and national level.**

**Activity 2.1 Strengthen institutional linkages in disaster risk management** – Strengthening of Disaster Management Committees at the village, sub-district and district levels and establishing direct lines of communications through to the national level and vice-versa; refresher training on CBDRM, project development, monitoring and evaluation; review of CBDRM standards and sharing of CBDRM best practices in the region.

**Activity 2.2 Establish and maintain a data base of vulnerable communities and populations** -- Training on the use of GIS as a complementary planning and monitoring and evaluation tool to the P3DM process for district/sub-district staff who will be directly involved in the extraction of the data from the P3DM into GIS thematic maps; maintenance and updating of the data base.

**Activity 2.3 Hazard vulnerability monitoring** – Development of a hazard vulnerability monitoring system to enable villages to monitor and report on households and areas prone to hazard risks, especially those who may not have enough food during the anticipated hunger periods; and ensuring prompt response by concerned agencies.

**Activity 2.4 Establish a Disaster Risk Reduction Fund/Grains Bank** – Establishing a savings mechanism through cash contributions and grains (rice, corn, beans) deposits to a fund/bank maintained by the Suco Disaster Management Committee.

**Activity 2.5 Conduct research on disaster-development-poverty reduction linkages** – Action research on the impact of disasters on development and poverty reduction interventions in Timor Leste and how mainstreaming disaster risk reduction could contribute to both the reduction of disasters, increased livelihood security and improved development initiatives.

**Activity 2.6 Advocate for the integration of DRR in development planning of government and NGOs** – Documenting the processes and results of programme interventions at various levels and sharing results with a wider stakeholder audience through district and national level workshops.

**Activity 2.7 Assist the NDMO in disseminating the National Disaster Management Plan to all villages in the Lautem District** -- Assisting the NDMO in conducting a series of orientation in Lautem District to facilitate the roll out of the NDMP.

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**Partner agencies & focal points**

| PROSPEK NGO, Fratema NGO, Sub-Districts of Luro and Muro, District of Lautem/Lautem District Disaster Management Committee, National Disaster Management Office (NDMO)/Civil Protection Directorate of the Ministry of Interior |

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