

DRAFT

Proposal/Discussion Document
for the meetings with the Indonesian
and Netherlands Governments, World Bank
and others.

DUTCH WATER SECTOR PROPOSAL FOR TSUNAMI AFFECTED SUMATRA

Water Supply



Dutch Water Sector Assistance

EXECUTIVE SUMMARY

Sunday December 26th 2004 a catastrophic tsunami struck several Asian countries. North Western Sumatra, part of the Indonesian Archipelago, was hit most severely. Many tens of thousands of people are reported dead and as many people are missing. Cities and villages have been destroyed and survivors of the catastrophe lack even the most elementary needs such as housing, food, drinking water and sanitation. The risk of waterborne disease outbreaks is extremely high.

Rescue teams now supply first aid to the region. These teams focus on medical help, on food supply and on the prevention of disease outbreaks. Current supply of water is hard to continue in logistical terms, it only answers the most immediate needs of the affected population, and is expensive. Above all, this only satisfies the direct and short term need for drinking water and not the need for water for personal hygiene and sanitary purposes. Water supply and sanitation infrastructure has been demolished almost completely. There is a huge need for some kind of elementary water supply system to prevent disease outbreaks. Directly related to this is the establishment of sanitation facilities to ensure that contamination of water sources is halted and also to prevent disease outbreaks.

Through history, the Netherlands feel related to the Indonesian people. Several water supply companies have cooperation projects with water supply companies (PDAMs) all over Indonesia. Because North western Sumatra is struck most severely by the tsunami, the Netherlands water companies consequently feel the urge to supply help to that region.

As not only physical infrastructure is disrupted but also the staffing of the local water companies is severely affected, the Netherlands partners will also support the rebuilding of these organisations through training and organizational and institutional development. All activities will be coordinated and executed in close cooperation with Perpamsi (Indonesian Association of Water Companies) and local water supply companies. Also there will be close cooperation with NGO's active in the rural parts of the target area

For first priority situations, the Dutch water supply companies offer a basic sanitation package in addition to efforts related to water supply. However, they invite others to team-up and to open the way for a fully integrated approach for water supply and sanitation. The Dutch Association of Water Boards might join this initiative creating additional focus on sanitation.

This document presents the initiative of the Netherlands Water Supply companies supported by the Netherlands Water Partnership (hereafter referred to as Dutch Water Sector DWS) and is presented as a programme to assist Indonesia to (re)construct elementary water supply and sanitation systems in a part of North Western Sumatra, focusing on the most affected areas only.

More specific the proposed target area are the urban and adjacent rural (peri-urban) areas served by Indonesian Water Supply Companies (PDAMs) along the West coast of the Indonesian of province Aceh, without Banda Aceh.

After Indonesian authorities have decided where help as presented in this initiative is desirable, DWS will directly start assistance by establishment of public taps and delivery of water trucks, the plan will than be worked out in more detail, taking into account local circumstances.

The programme formulated is suitable for a region of North West Sumatra covering up to at least 150,000 to 200,000 people. Exact number to be determined by the specific circumstances and situation. The programme aims at providing help during phase 2, bridging and recovery, and phase 3, reconstruction and institutional development. The third phase intends to go smoothly over in a more or less normal operational management of the water supply companies.

The first phase is currently on going, in which emergency help is provided and mainly bottled drinking water is supplied. As it will take a lot of time before reconstruction (phase 3) can take place, there is a strong need to supply help in phase 2. This phase starts in a few weeks, and the actual assistance project will last about 30 months.

Basic outline of the assistance programme is:

- ? Safeguarding raw water sources
- ? Disinfection of water sources and infrastructure
- ? Production of clean water
- ? Transportation of the water with trucks
- ? Distribution of water using distributed reservoirs and public stand posts
- ? Reparation/revitalisation of water infrastructure as far as possible
- ? Some basic sanitation improvements, such as building of communal latrines, in first priority situations
- ? Supporting the re-establishment of the water companies, amongst others by capacity building
- ? Providing operation and maintenance guaranteed for at least 12 months

At the moment, it is estimated that sustainable re-establishment of water companies for such an area will need an investment of approximately 15 - 17 million euros. Funds for the first 3,5 million Euros have been assured by DWS. Assistance is to be provided to establish financing possibilities for the remaining required funds, e.g. via the NGO sector, Netherlands Government, ADB, EDB, World Bank, soft loans (e.g. from the Dutch Water Fund Indonesia), other financing agencies and from operational income from the re-established water supply companies.

Phase:	Budget:
Bridging and Recovery	3 to 4 Million Euros
Reconstruction	Approximately 12-13 Million Euros