

Asia-Pacific Forum for
Environment and Development
Second Phase: APFED II

Booklet on Good Practices and Innovative Activities

For Achieving Sustainable Development in Asia Pacific

2005 - 2009

Award & Showcase Programme



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March 2011

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Access to Safe Drinking Water via Nadi Water Filter in Remote Rural Areas

Project Site Location: Taluka Jati, Thatta District, Sindh

Background - Problems Addressed and Policy Responses

As households in target villages use unfiltered canal water there is a high incidence of water-borne and gastric diseases, compounded by a lack of awareness and means by which to control them. Further, women travel 1-2 km or more to fetch water, but have no awareness of the need to filter it or filtration means.



Nadi filter brings new hope for village communities to have access to clean water

Project Outline - Objectives and Activities

Twenty CBOs from vulnerable villages in the coastal area were organised within a year; Access to safe, clean drinking water for 1,000 families and 12,000 individuals was provided on a sustainable basis via 1,000 Bio-Sand Nadi filter units from September 1, 2007 to August 30, 2008; Twenty capacity-building training workshops on health - and hygiene-awareness were held among 100 women leaders in 20 villages and 4 TOT (Training of trainers) workshops on the Nadi filter were held among the women CBO members.

Impacts and Achievements

Through provision of 1,000 Nadi filter units, sustainable access to safe and clean drinking water for 1,000 families and 12,000 individuals was achieved. Families that previously drunk canal water were trained in use of Nadi filter units at the household level in 22 villages in rural areas. The project was successful as Nadi water filters procured in the village communities suppressed outbreaks of gastritis and diarrhea. Also, the number of hospital visits by infants and children has been lowered. Multi-stakeholder cooperation was the key to success of this project.

Future Challenges

As a result of severe flooding during Aug 2010, the Jati area became submerged, which severely damaged all homes, agriculture, roads and infrastructure. Therefore, support to reinstall Nadi filter units is needed in flood-affected villages to provide drinking water for the afflicted women and children inhabitants.

General Information

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Association for Humanitarian Development (AHD)

Type of Organisation: NGO/CBO

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