



**SATOYAMA
INITIATIVE**

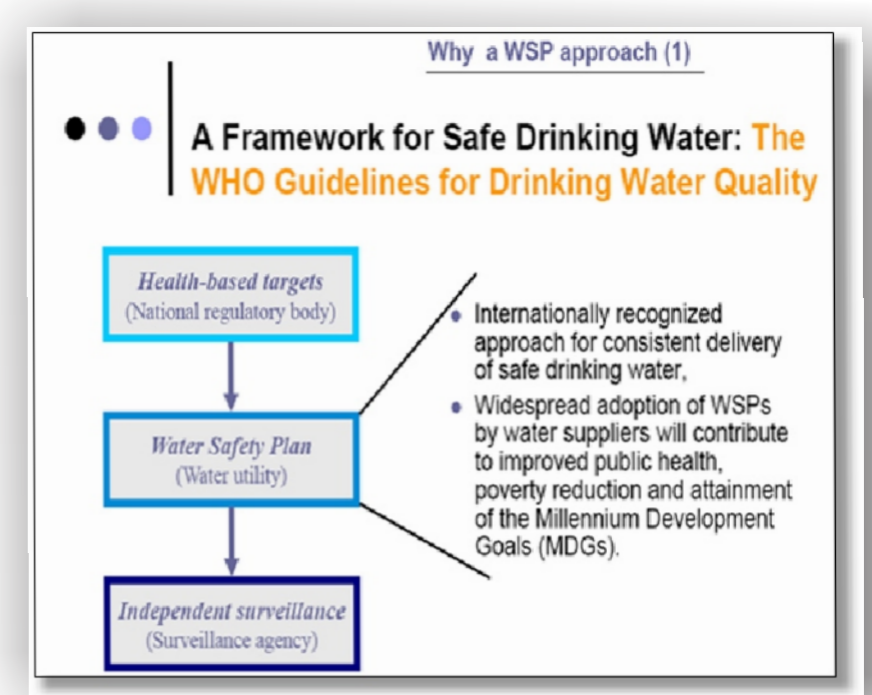


WSP4IP Project: Development and implementation of community-based Water Safety Plans (WSP) for two peri-urban indigenous people (IP) communities in Mindanao, Philippines

Hydrology for Environment Life and Policy, (HELP) Davao Network

Presented by: **HYDIE R. MASPIÑAS**

Management Committee, HELP Davao Network



Framework

Water Safety Plan (WSP) is an internationally recognized approach for consistent delivery of safe drinking water, based on Hazard Analysis Critical Control Point (HACCP) principles, and characterized by the development and implementation of control measures to minimize and exclude hazards in water supply systems. Widespread adoption of WSPs by water suppliers, if and when integrated into existing health and environment programs in communities in the context of sustainable development, will contribute to improved public health, poverty reduction and attainment of the Millennium Development Goals (MDGs). This project is relevant to Cluster 4-Capacity Building and Cluster 5-On-the-Ground Activities, the duration of the project is two years with a budget of \$34,000 including the infrastructure improvements like ferrous cement tank and twelve water tap stands.

Issues and Challenges

The two participant communities are situated within the Davao River Watershed and the Mt. Apo Protected Area, respectively. They exemplify the marginalized poor with income levels below the annual per capita poverty threshold of the two areas, low literacy rates, and high incidence of water-borne and water-washed diseases.

Solutions

The two communities have formulated and promulgated general community-based policies for the protection of watersheds and water resources; instituted the Water Safety Teams which can later serve as integral components of the existing Barangay Water and Sanitation Associations (BAWASA), tasked to develop and maintain water and sanitation systems at the community level; established water systems at varying standard levels (i.e. Level I and II); and implemented watershed management activities as livelihood (tree planting and parenting, weeding, nursery, maintenance, etc.).

Key for IWRM Success/Building Blocks for Future Work

Crucial to the success of the project is the multi-stakeholder commitment and support at all levels of the implementation of the project. The project has been successfully implemented and has contributed to the decrease in the rate of waterborne diseases in the community, collection of a minimal amount per household for the operation and maintenance of the source, reservoir and community tap stands has been institutionalized and primarily our watersheds has been protected to ensure water resources security and sustainability for today and tomorrow.