



PARTNERSHIP FOR SUSTAINABLE WATER MANAGEMENT (SUWAMA) IN USA RIVER

Improving water security in the Usa River sub-catchment

The Usa River sub-catchment hosts about 30.000 inhabitants and is located within the Kikuletwa catchment which runs along the slopes of the Meru and Kilimanjaro mountains in the Pangani Basin in Northern Tanzania. Significant fluctuating rainfall patterns and unpredictable severe droughts due to climate change, have resulted in reduced water flows, while overdependence on the available natural resources for livelihood activities is putting additional pressure on the already water-stressed catchment. In addition, both population and economic growth are increasing the demand for water in the catchment. The situation is further complicated by land clearing for agricultural purposes, to provide economic opportunities for low-income households. This affects approximately 1.6 million people living in the Kikuletwa catchment, most of whom are smallholder farmers depending on furrow irrigation.

GLOBAL APPROACH, LOCAL SOLUTIONS

Natural resources stewardship means that all users of natural resources take responsibility for the shared resources nobody owns but everybody relies on. Forming partnerships, public sector, private companies and civil society work together on eye-level to ensure the sustainable management of natural resources.

The scale and complexity of natural resources-related challenges means that individual action, while important, often remains limited in its effectiveness. Natural resources stewardship helps building strong partnerships between private, public and civil society actors facing similar challenges in the catchment. Together, they develop effective long-term solutions. While improving grassroot participation in catchment management, NatuReS provides both the platform and tools to assist stakeholders in coming up with their own joint solutions.

IMPROVED WATER SECURITY IN USA RIVER

Partners under the 'Sustainable Water Management' partnership (SUWAMA) jointly implement catchment conservation initiatives by committing to activities in the Partnership Action Plan (PAP), aimed at addressing natural resources risks. They are divided in five working areas: governance, environment, agriculture, human consumption and industry. Partners regularly monitor progress and discuss emerging issues through quarterly and ad-hoc steering committee meetings.



DOMIKWA furrow beneficiaries convening on the way forward for the structural rehabilitation process.

SUSTAINABLE DEVELOPMENT GOALS	
6 CLEAN WATER AND SANITATION	8 DECENT WORK AND ECONOMIC GROWTH
11 SUSTAINABLE CITIES AND COMMUNITIES	12 RESPONSIBLE CONSUMPTION AND PRODUCTION
17 PARTNERSHIPS FOR THE GOALS	
Duration	January 2017 - ongoing
Partners	<p>Government Institutions:</p> <ul style="list-style-type: none"> Pangani Basin Water Board (PBWB) Tanzania Plant Health & Pesticides Authority (TPHPA) <p>Private sector:</p> <ul style="list-style-type: none"> Rijkzwaan Afrisem Tanzania Horticultural Association (TAHA) <p>Civil Society Organisations:</p> <ul style="list-style-type: none"> Usa River Malihai Club (UMAC) Upper Kikuletwa Water Users' Association (WUA) Rikolto
Objective	Improve water security in the Usa River sub-catchment through enhanced cooperation of stakeholders
Partner contributions	<ul style="list-style-type: none"> PBWB: \$ 10.000 cash and \$ 50.000 in-kind UMAC: \$ 3.000 in-kind Rijkzwaan Afrisem: \$ 1.000 cash TAHA: \$ 1.000 cash and \$ 2.500 in-kind Upper-Kikuletwa WUA: \$ 10.000 in-kind TPHPA: \$ 1.000 in-kind Rikolto: \$ 2.000 in-kind

PARTNERSHIP RESULTS

- Institutionalization of water management through the creation of sub-catchment fora in four out of eight sub-catchments in Kikuletwa
- Prevention of conflicts due to improved governance and clarity about water use in the sub-catchment
- Up-to-date water user inventory for effective water allocation planning and increased income from water fees
- Nation-wide Water User Association (WUA) operational guidelines developed under stewardship principles, currently implemented in 10 WUAs in Pangani Basin and endorsed by the Ministry of Water
- Improved water use efficiency and reduced water pollution in the DOMIKWA furrow through trainings on good agricultural practices for 1.026 smallholder farmers
- Strengthened evidence base to improve water, sanitation and hygiene (WASH) conditions at farmers' homes due to an assessment conducted within the furrow
- Catchment restoration and afforestation: 71.500 trees planted and maintained, contributing to reduced erosion in the riparian zones and encroached water sources, as well as to an improved water balance
- Development of a tree-tracking app to support communities in reforesting degraded areas: Communities receive a monetary compensation for maintaining 20.000 trees planted in the Usa River and Weruweru sub-catchment
- Improved governance and clarity about water use in irrigation Furrow #1 and Domikwa Furrow, providing jobs for more than 1.200 horticultural medium and large farmers

"The implementation of Integrated Water Resources Management is a learning process. Improvements in the areas of water resources data management, water source protection and multi-stakeholder engagement have been made by making water resources management a collective responsibility of all stakeholders." Segule Segule, Pangani Basin Director

- Increase of water quantity and quality through protection of three springs from pollution and encroachment, leading to the creation of a water network for previously unconnected community members in Teema
- Improved water quality due to the set-up of six collection centres for safe disposal of pesticide containers, reducing chemical contamination of waterways, first of their kind in Tanzania
- Enhanced water efficiency through improved coordination and collaboration with and between regulatory agencies
- Successful upscaling of the multi-sectoral partnership in Weruweru sub-catchment by PBWB



One of the pesticide collection centres sponsored by Rikolto and TPHPA under the partnership.

ABOUT NATURES

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NatuReS has already created or safeguarded 73.000 jobs and investments worth EUR 178 million through 14 active partnerships. It is currently active in Ethiopia, Tanzania, Uganda, Zambia and South Africa.

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