



Water, Sanitation & Hygiene

PAPUA NEW GUINEA

Overview



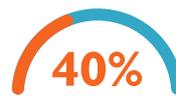
Clean water, basic toilets and good hygiene practices are essential for the survival and development of children, women and communities.

According to PNG Government's WASH Policy 2015 - 2030 indicates:

8.5 million

people are amongst those with the least access to safe water supply in the world

Papua New Guinea currently ranks at the bottom of all Pacific countries for all WASH-related health statistics, with water-borne diseases among the principle causes of deaths in children under five years.



of Urban Population lacks safe access to water



of rural population lack access to safe & clean water supply



of population lack access to safe, convenient and sustainable sanitation facilities

Meanwhile, most schools lack access to piped water system, with most depend on rainwater to meet the drinking and hygiene needs of students.



Facts & Statistics



WVPNG is the **leading agency in WASH implementation** in Papua New Guinea, in both the development as well as the emergency sectors. WV PNG is carrying out large scale WASH implementation in 6 provinces. WV PNG is also leading the only WASH consortium within the country, partnering with three other international WASH NGOs, which dedicates to improve access to inclusive WASH and empower communities to hold accountable authority for quality WASH services and policies.



Aside from working with communities, WV provide strategic guidance and technical support to government at both national and district levels to improve institutional capacity to operationalize WASH policy and implement WASH interventions. In addition, WVPNG leads the WASH Cluster in Papua New Guinea, as co-chair of the cluster, together with UNICEF, and coordinates the disaster responses of various agencies in relation to WASH.



“ Even though born without any disabilities he suffered much and needs attention. Much is needed to fully make him one of the role model in present stage and the future of all other marginalized groups in PNG and our contemporary society.”

KKP WaSH officer, Clive Laena & Young Troy Tevu at Teokon Elementary School, Wakunai District, Central Bougainville

Objectives

Increased access to safe water sources in communities, schools and health care facilities

Enhanced sustainability (social, financial, and environmental) of water sources

Improved sanitation in communities, schools and health care facilities

Private-sector development supported to strengthen and expand WASH products and services available to target communities (e.g. 'self-supply model')

Partnering with local government in planning, training, monitoring, and piloting innovative WASH approaches

Alternative use of water promoted as water for production

Papua New Guinea



FY21 Statistic Achievements

6 provinces with large scale WASH implementation

150 schools supported

25 healthcare facilities supported

18,000 men

5,000 boys

15,000 women

4,500 girls

Programming Approach

Community – Led Total Sanitation (CLTS)

Community Led Total Sanitation (CLTS) is an innovative methodology for mobilizing communities to completely eliminate open defecation (OD). 203 communities have been declared open defecation free so far.

WaSH in Schools (WiNS)

Wash in schools focuses on the standards for the promotion of a clean and safe school environment & correct hygiene and sanitation practices. The model has successfully supported 100 schools in 06 districts.

Water and Sanitation for Health Facility Improvement Tool (WASH FIT)

It aims to improve WASH and related facility management and may contribute to quality of care (QoC) efforts. The model has successfully support 18 Health Care facilities.

WaSH in Emergency

Disaster Management and Response is to ensure the consideration of water supply, sanitation and hygiene factors at the site selection and planning stages, while also coordinating the response closely with physical planning, public health and environmental stakeholders. WVPNG is currently as a WaSH Cluster Lead in PNG and Contributing to the PNG Disaster Management Team (DMT) and also increase World Vision PNG Portfolio/platform in Humanitarian WASH intervention.

Water Infrastructure

WV works to improve systems of water supply, treatment, storage, water resource management & climate change resilience, by installation and rehabilitation of Bore Well, Gravity fed System (GFS), and water tanks for storage.

Healthy Island Concept

Also known as Participatory Hygiene and Sanitation Transformation (PHAST), is WV's main community engagement approach for WASH in PNG. HIC is rolled out together with CLTS, focusing on the mobilizing the community in better hygiene behaviour and achieve access to clean drinking water.

Cross-Cutting Themes

Gender equality, disability & social inclusion



WV aligns our work to PNG's disability policy and prioritize gender sensitivity, especially for WASH infrastructure development, so that the facilities are inclusive and equitable for all, and marginalised individuals and groups will not suffer from increased risk of harm.

Urbanization



WV has expanded WASH programming to urban/ peri-urban areas since 2016 in Hanuabada, working with the local governing body to improve access to clean drinking water and proper sanitation for community & schools in Port Moresby. WV supported the PNG WASH PMU (Project Management Unit) in development of the Nation Urban WASH strategy.

Advocacy & Social Accountability



WV works to empowers community and stakeholders to advocate for policy change and hold government accountable for provision of quality WASH services via proven models such as 'Citizen Voice and Action' and 'Child Health Now Campaign'.

Climate Change and Environment



In the face of increasing climate disasters, WV is actively exploring alternative technology, such as desalination which filters sea water to be converted into drinking water, to build water resilience for communities without access to public water infrastructure. WV also aims to scale up drilling of boreholes, which is currently uncommon in PNG, to provide a more reliable source of drinking water, where appropriate.

Private-public Partnership



WV works to empowers community and stakeholders to advocate for policy change and hold government accountable for provision of quality WASH services via proven models such as 'Citizen Voice and Action' and 'Child Health Now Campaign'.

Knowledge Management



WV works to improve data management systems to enhance sector coordination. Water is used as the main M&E tool for WV's WASH work, where data is collected by WV project teams on the ground using the mWater app on mobile devices. The data is also directly shared to the Nation WASH body, the WASH PMU for government data aggregation, analysis and tracking.

Project Highlights



2016

Hanuabada Ranu Bona Mauri Namona Gaukarana (Hanuabada Water and Healthy Life Project)

 Donor: New Zealand Ministry of Foreign Affairs & Trade (MFAT)
  Project Duration: 2016 - 2020
 Budget: USD 1,578,947
  Provinces: Central Province / National capital District

- **Solid Waste Management** - A total of 132,399.00 kilograms of solid waste have been removed over the 4 years. This does not include Mini Clean-ups which have been a major outcome of the project.
- **Hygiene** - A total number of 670 people have been trained on Healthy Island Concept and hygiene promotion, who then reached out to 15,008 via public awareness campaigns on good hygiene practices, including COVID-19.
- **Water & Sanitation** – The project is 102% over-achieving and provided 14704 people (5239 men, 5214 women, 2003 boys, 1974 girls, 68 men with disability, 51 women with disability, 83 boys with disability and 72 girls with disability) with upgraded sanitation system. 24 Pilot Latrines (Tiger and VIP Models) were also installed across 5 electorates and 3 schools, with 8349 students benefiting from the upgraded water and sanitation facilities.

2018

Water for Women - WAVE

 Donor: DFAT and PNG Sustainable Development Program (SDP)
  Project Duration: June 2018 - Dec 2022
 Budget: USD 5,100,000
  Provinces: Western Province

- Generated the **1st ever Gender, Disability and Political Economy Analysis** in Papua New Guinea, for Middle Fly and South Fly, guiding all WASH stakeholders for inclusive work on the ground.
- Specific emphasis on **menstrual hygiene management and Gender equality and violence against women** as an entry point into community engagement, through the utilisation of the Healthy Islands Concept approach – a 1st of its kind. So far, 35,337 people, including 17,320 women has been reached.
- Continuation of the **1st project to focus on social inclusion** in communities within Western Province, linking the local support services for people with disabilities (PwD) with remote communities. So far, 2,952 PwD have benefited.

2019

Klinpela Kominiti Projek (KKP)

 Donor: EU-Unicef
  Project Duration: 2019 - 2021
  Budget: USD 7,400,000
 Provinces: Morobe (Nawaeb District) & ARoB (Central Region)

- **KKP Nawaeb** – achieved 169 communities Open Defecation Free (ODF) in line with PNG WaSH Policy (2018 – 2030)
- **KKP Central Bougainville** – achieved 160 Communities ODF
- **Population reached** – reached over 40, 000 people both districts including school population
- **WaSH Construction** – constructed over 100 school & Teachers WaSH Facilities, 18 HCF & 2 Sanitation parks respectively in both districts, benefiting 20,000 students

2020

Education Covid 19 Emergency Response and Recovery Project

 Donor: Unicef & AHC
  Project Duration: Dec 2020 – March 2022
  Budget: USD 2,171,000
 Provinces: NCD, ARoB, Morobe, Madang, Sandaun & Western Province especially North Fly District

- **Installation of handwashing facilities** in 450 schools across PNG in response to Covid 19 Response plan from National Department of Education (NDoE) to reach 187, 000 students.
- **Provision of training and awareness** for 5,000 head teachers and Board of Management of the 450 schools in 6 provinces.
- As of now, **2,688 students** in 208 schools have been reached.

2021

South Fly Resilience Plan

Donor: DFAT Project Duration: Jan 2021 – Sep 2022 Budget: USD 2,562,000
 Provinces: Western Province

- **Strengthened resilience** to water-related disasters and improved water quality via rehabilitation and/or installation of rainwater tanks, rainwater catchments, boreholes, sand dams, latrines and handwashing stations.
- **1st large-scale WASH implementation** in Papua New Guinea, across the entire district of South Fly, including the development of governance capacity of the district to design, finance, deliver and sustain inclusive, resilient WASH services.
- **The 1st water social accountability program** to be delivered in PNG, including Applied Political Economy Assessment and the utilisation of the Citizen Voice and Action Model.

Integrated WaSH in Nutrition

Donor: DFAT – Sustainable Development Program (SDP) Project Duration: Jan 2021 - June 2021
 Funding: USD 2,589,000 Provinces: Morobe Province

- **Increased access** to safe water, sanitation and hygiene in target schools and subsequently in sustainable agriculture practices for 2050 students in 5 primary schools in Lae
- With the **installation a bore well and Electric motorized Water System**, students and teachers participated in sustainable agriculture practices via urban School Gardens
- **Good hygiene practices** also promoted via establishment of School Hygiene Clubs & distribution of 100 Menstrual Health Management (MHM) packages (with reusable sanitary pad & men track for adolescence girls).

Water for Women - PNG WaSH Consortium

Donor: DFAT Project Duration: May 2021 – Dec 2022 Budget: USD1,122,000
 Provinces: NCD, Morobe, ARoB, New Ireland, East Sipek

- **The 1st consortium of it's kind** in PNG in WASH sector, aiming for coordinated approach to WASH implementation, in a country where traditionally CSOs works individually.
- WV to lead the **1st Joint Sector Review for WASH** in PNG. Close engagement with the WASH cluster and NDoH will be insure as WV is also the WASH cluster lead.
- WV will lead **the development of the first ever GLAAS report** to be produced by PNG, by working with WHO and NDoH through the consortium, which aim to review refinancing of WASH programming and engaging other donors through integrated WASH programming.

2022

Strategic Partners

Government Partners

- Autonomous Region of Bougainville Government
- Department of National Planning & Monitoring
- Morobe Provincial Government
- National Department of Education
- National Department of Health
- Western Province Provincial Government

Donors



Other Partners



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