

PRIVATE SECTOR PARTNERSHIP WITH HOST COMMUNITY TO ACHIEVE MALARIA ELIMINATION IN BONNY ISLAND



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SUSTAINABLE
DEVELOPMENT
GOALS



BONNY
MALARIA
ELIMINATION
PROJECT



Bonny Island,
Rivers State Nigeria

BACKGROUND

Bonny Island is a semi-urban community in Rivers State, Nigeria and host community to Nigeria LNG Ltd. (NLNG) 6 train natural gas liquefaction plant.

The Island is bordered by the Atlantic Ocean on the south end and is approximately 40 kilometers to the south of Port Harcourt, the capital of Rivers State, while the northern end is surrounded by swampy saltwater body.



NLNG is intentional about building a better Nigeria and supports host communities in capacity building and community development.

The company is currently funding three healthcare corporate social responsibility projects (CSR) on the Island.

- Ibanise Initiative for HIV/Aids prevention and control
- BCHIP to reduce out-of-pocket expenditure for basic healthcare services in Bonny.
- BNYMEP to make Bonny Island Nigeria's first malaria-free zone

COVID-19 pandemic reminded us that we are all connected and reaching every household in Bonny Island is key to future proofing the company from unexpected events.

PROJECT INITIATION



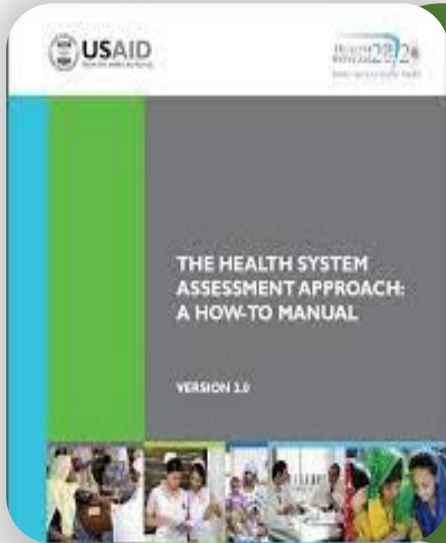
The Nigeria Liquefied Natural Gas (NLNG) Limited, has a culture of fact-based decision making

The report of the malaria burden on the healthcare facilities and community led to the decision by the company's executive management to eliminate malaria from Bonny Island

In order to commence the Bonny Malaria Elimination Project, the company required more information and the following assessments were considered the irreducible minimum for the project conceptualization

- Health Systems Assessment
- Bonny Malaria Indicator Survey
- Advocacy Communication and Social Mobilization Mapping/Profiling

PROJECT BASELINE



Health Systems Assessment

- Adapted the USAID Health Systems Assessment Manual Version 2.0, which was used to assess the four government and three private healthcare facilities on the island
- This covered the six building blocks for HSS

- Insecticide Resistance Survey in collaboration with PMI
- Results showed resistance to permethrin, alpha-cypermethrin and deltamethrin



Bonny Malaria Indicator Survey

- Cross-sectional study design
- Samples size calculated with Winpepi version 9.7
- Multi-stage sampling technique
- 5-day training of survey team
- NMIS tool was adapted

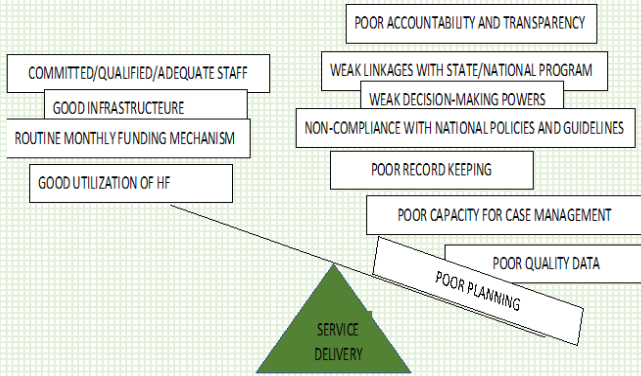
ACSM Mapping and Profiling

- 71 focus group discussions
- 15 key informant interviews



KEY BASELINE FINDINGS

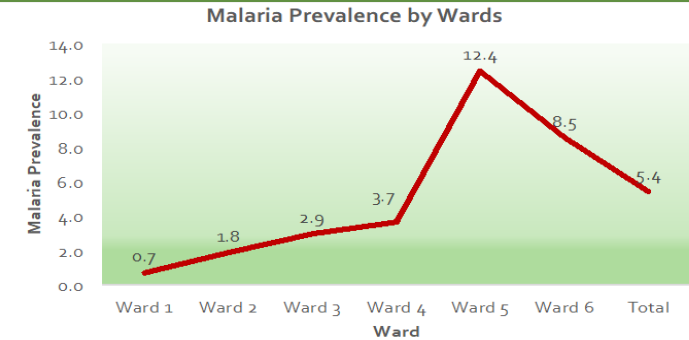
Health System Assessment



Malaria Prevalence by wards

Malaria Prevalence by Wards

Malaria prevalence of 5.4 percent but with wide variations across the wards

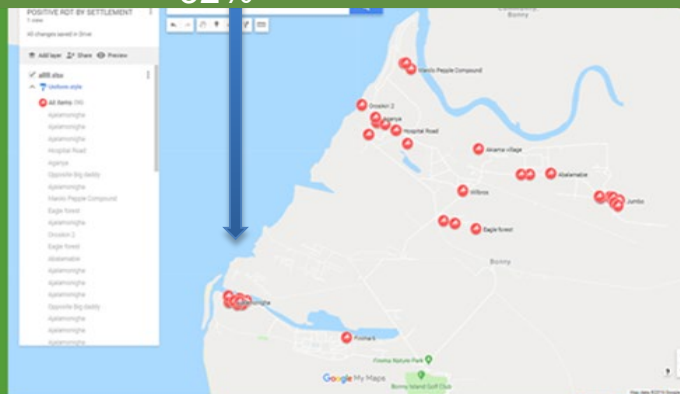


Hot spots in low income settlements prevalence of > 32%

Malaria Hotspots on the Island

Ajalamonigha in Finima ward 5 recorded the highest prevalence of malaria (32%) which accounts for 42.9% of all malaria cases in study population

All cases were treated according to National Guidelines



Malaria prevalence by wealth quintile

Malaria Prevalence by wealth quintile in Bonny Island

The poorer communities are most affected



OMC AS VEHICLE FOR COMMUNITY ACTION



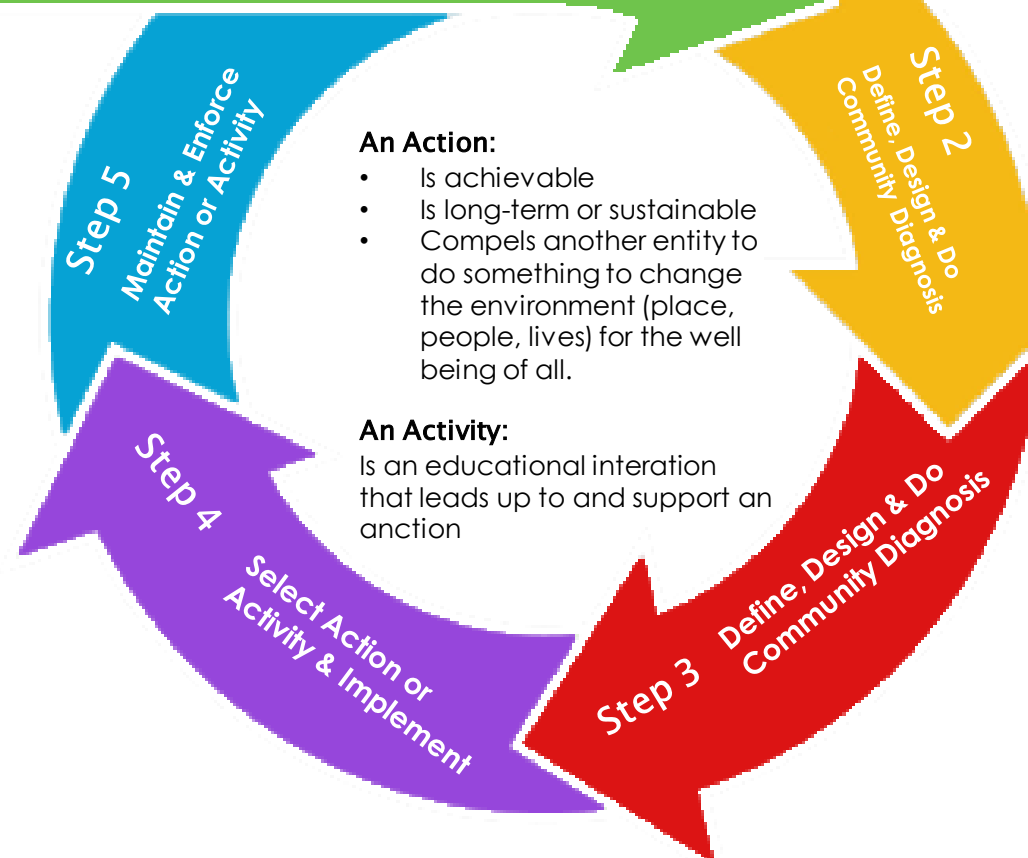
Community Action Model

Creating change by building community capacity

Step 1

- Train participants (develop skills, increase knowledge, build capacity)
- Name the Issue
- Choose Area of Focus

Repeat Process



OMC OUTPUT AND LOOK AHEAD

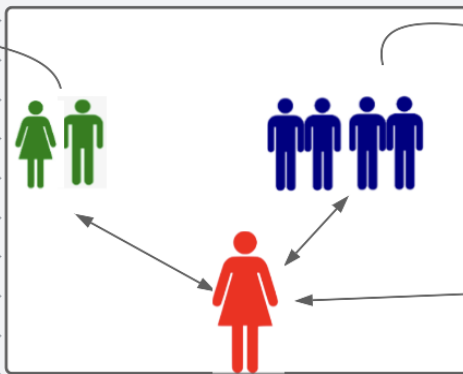
Community Linkage Schema

AT THE WARD/COMMUNITY



Referred patients visit facility with their referral slips and meet the referral focal person as first point of contact

CVs carry out demand creation activities + refer & follow-up



Ward Supervisor

CHWs provide home care services during iCCM
Provide escort services where necessary during iCCM

Referral focal person



Lab officer

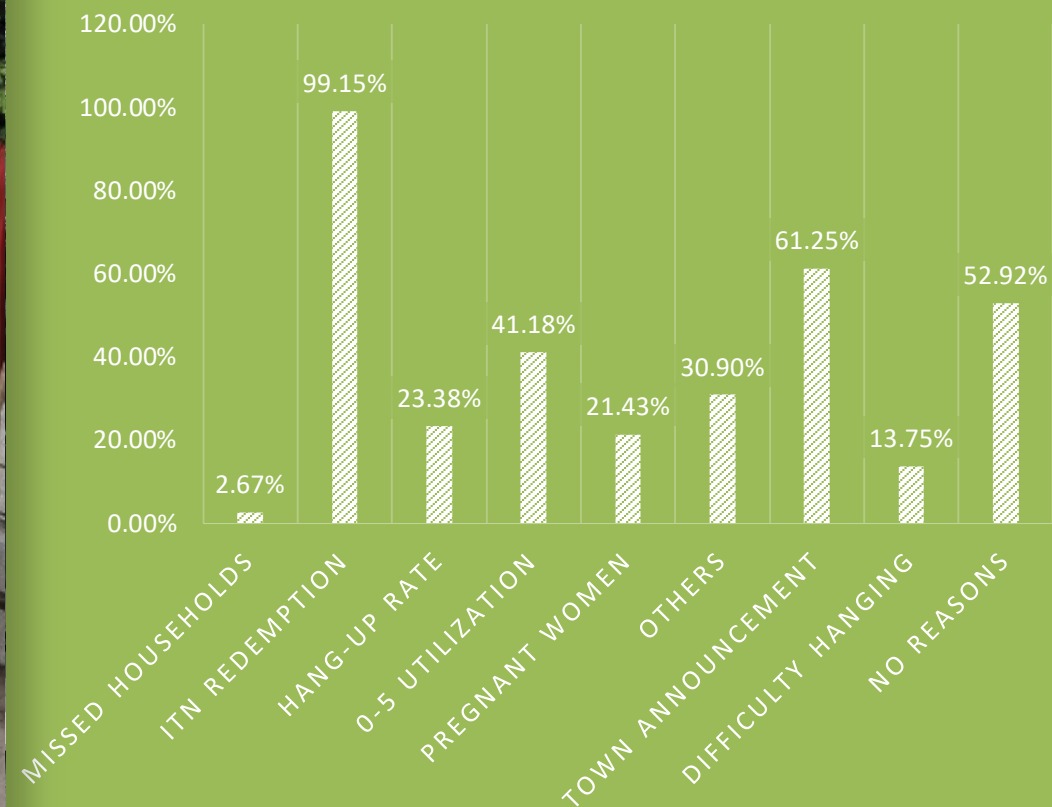


AT THE HEALTH FACILITY

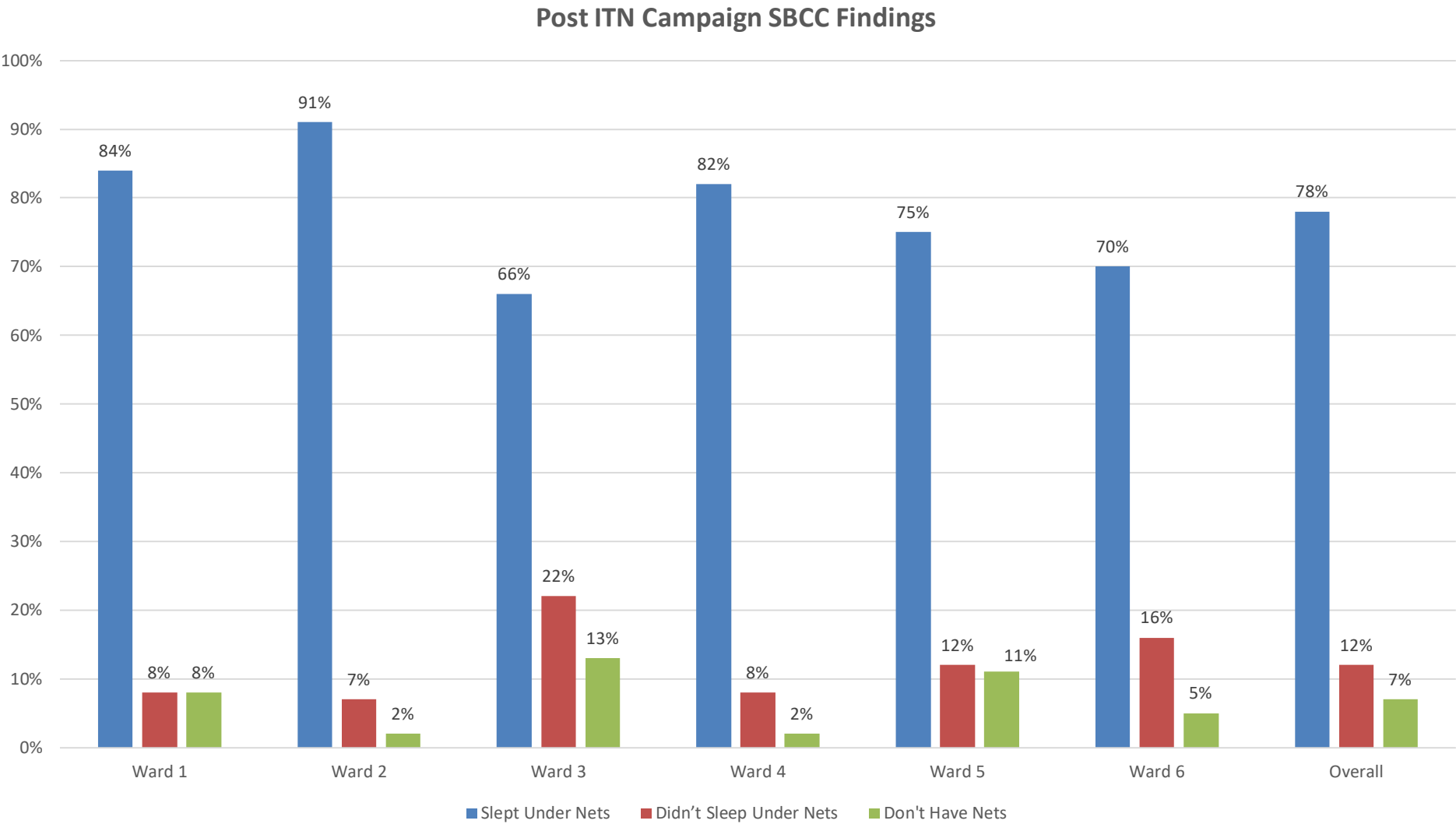
NET DISTRIBUTION CAMPAIGN



END PROCESS ASSESSMENT CHART



POST NET CAMPAIGN – SOCIAL AND BEHAVIOUR CHANGE COMMUNICATION



ACKNOWLEDGEMENTS



**NATIONAL MALARIA
ELIMINATION PROGRAMME**

Federal Ministry of Health, Abuja



USAID
FROM THE AMERICAN PEOPLE



U.S. President's Malaria Initiative



RIVERS STATE
Ministry of Health



Bonny Kingdom

Breakthrough
ACTION + RESEARCH
FOR SOCIAL & BEHAVIOR CHANGE



USAID
FROM THE AMERICAN PEOPLE

**USAID GLOBAL HEALTH
SUPPLY CHAIN PROGRAM**
Procurement and Supply Management

U.S. PRESIDENT'S MALARIA INITIATIVE

vectorlink

INTELLIGENT > INNOVATIVE > INTEGRATED


Community Health Workers





... a globally competitive LNG company helping to build a better Nigeria