

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



By: **Anastasia Isodje**



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

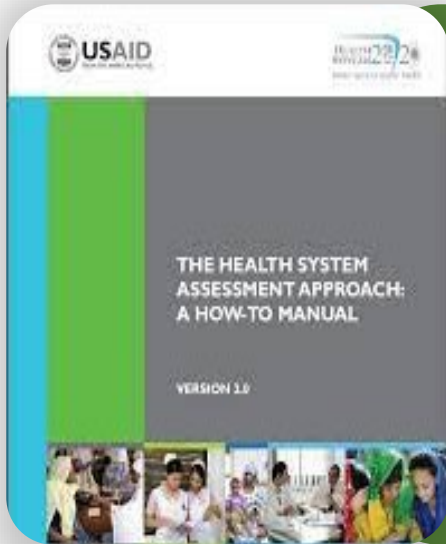
The report of the malaria burden on the healthcare facilities and community led to the decision by the company's executive management to eliminate malaria from Bonny Island

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

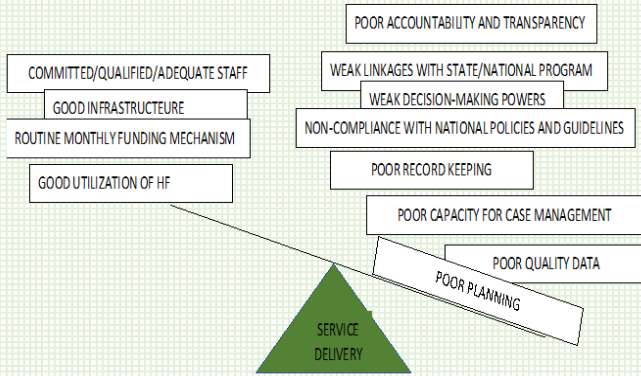
## ACSM Mapping and Profiling

- 71 focus group discussions
- 15 key informant interviews



# KEY BASELINE FINDINGS

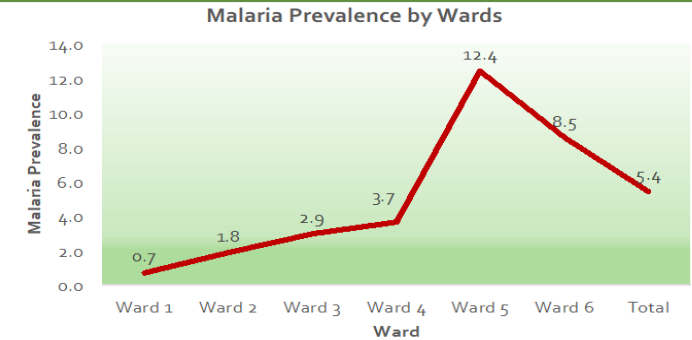
## Health System Assessment



## Malaria Prevalence by wards

### Malaria Prevalence by Wards

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

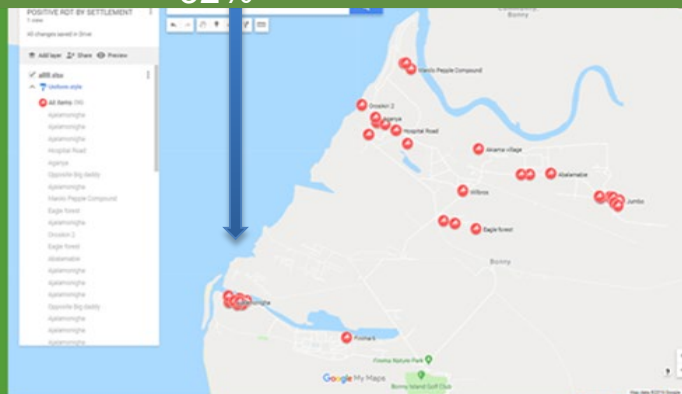


## Hot spots in low income settlements prevalence of > 32%

### 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



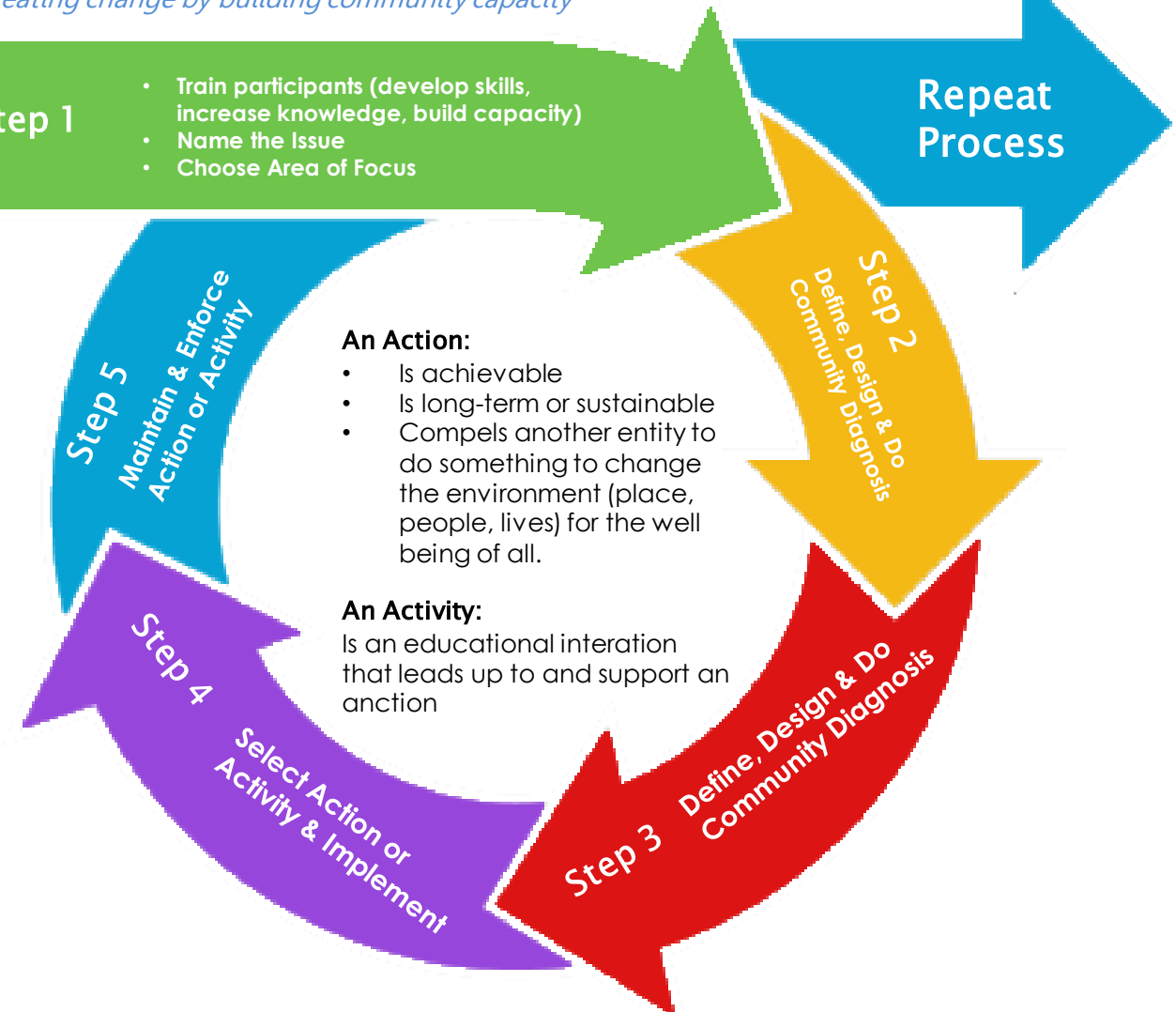
## Community Action Model

*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

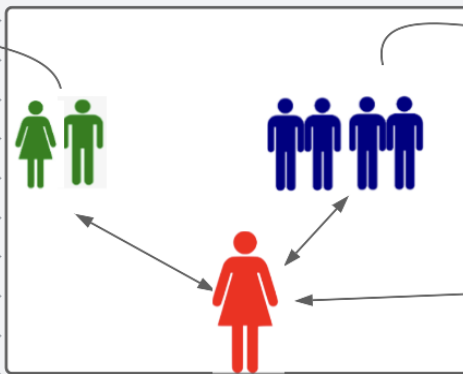
## Community Linkage Schema

### 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



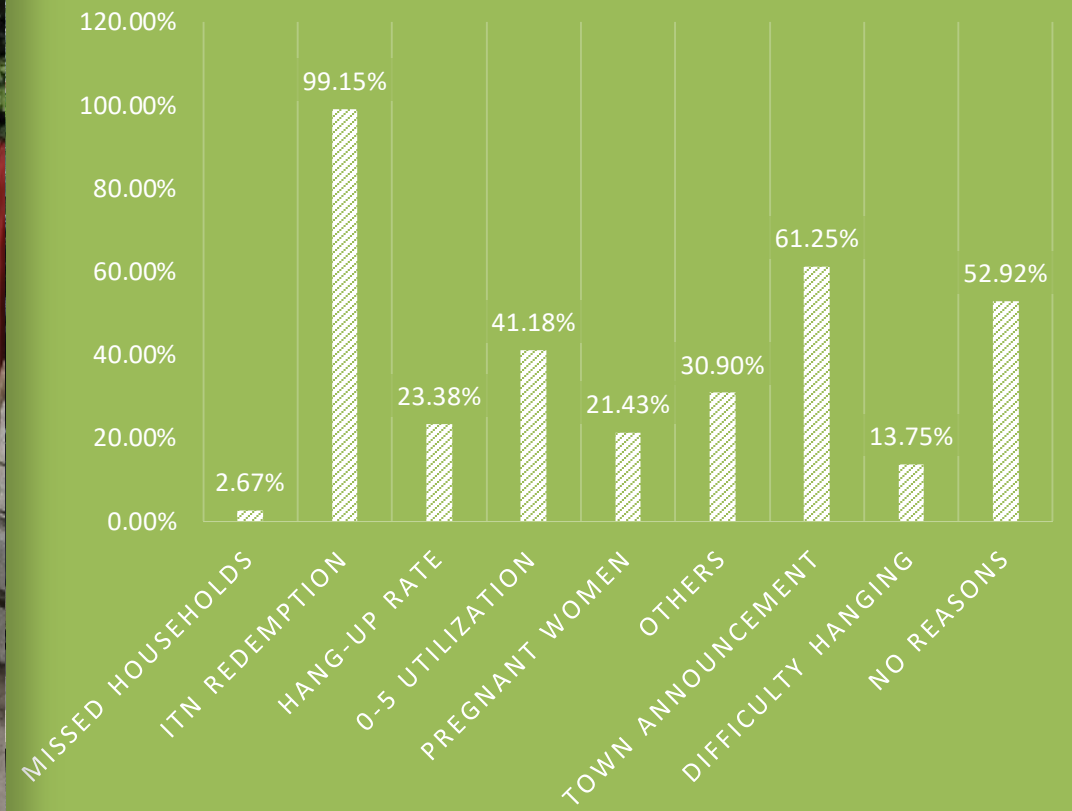
AT THE HEALTH FACILITY



# NET DISTRIBUTION CAMPAIGN



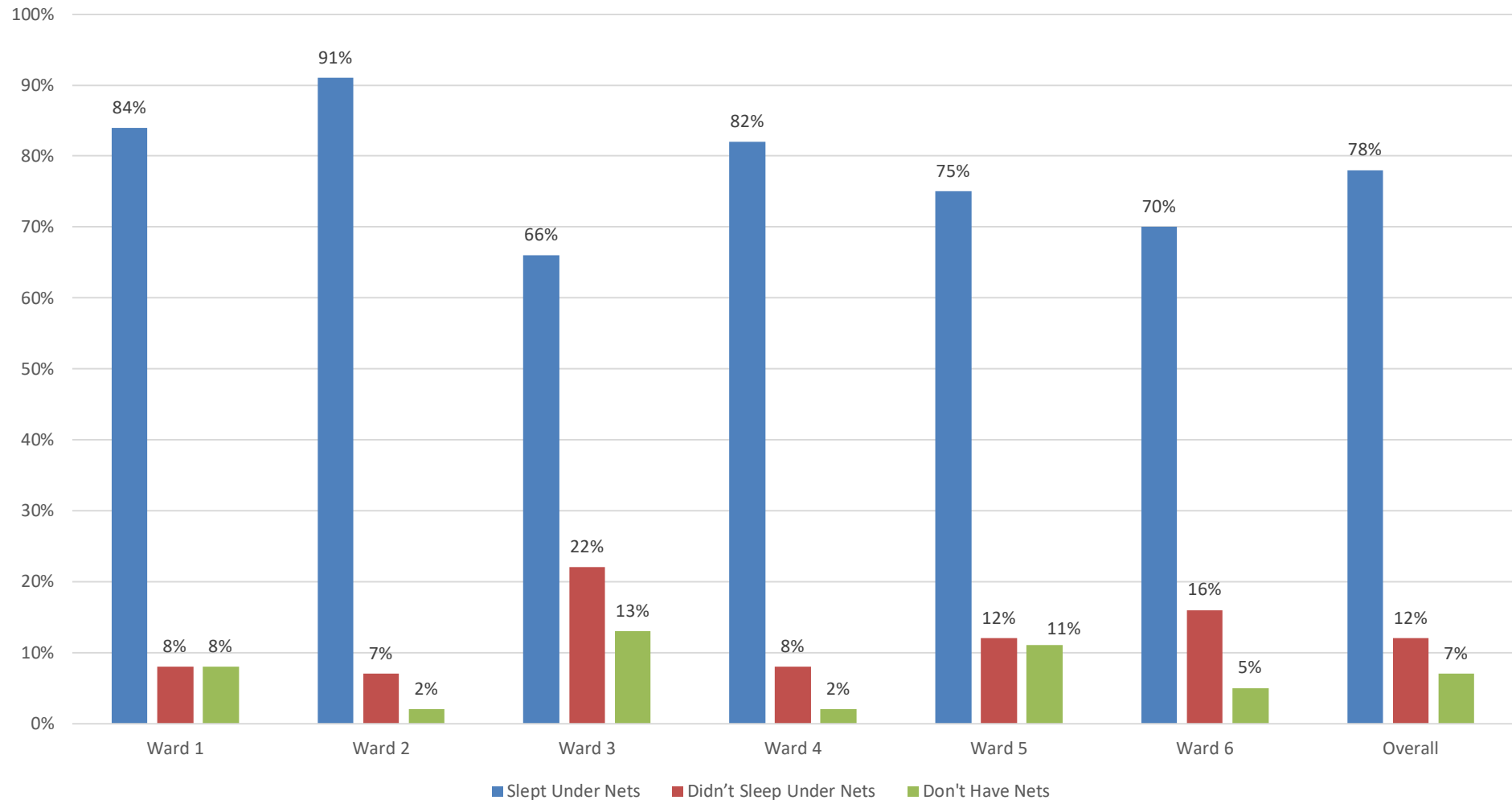
END PROCESS ASSESSMENT CHART





# POST NET CAMPAIGN – SOCIAL AND BEHAVIOUR CHANGE COMMUNICATION

## Post ITN Campaign SBCC Findings



# 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*

