

A Decade of Collaboration: Charting the Path Forward through Partnerships in M&E

THE 10th M&E NETWORK FORUM

29 November 2023 | Seda Vertis North, Quezon City



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IMPACT EVALUATION STUDY OF THE Z3R HOUSING PROJECT ON THE SOCIOECONOMIC RECOVERY OF ZAMBOANGA SIEGE VICTIMS

IMPACT EVALUATION OF

THE Z3R (HOUSING PROJECT) ON THE SOCIOECONOMIC **RECOVERY OF** ZAMBOANGA **SIEGE VICTIMS**

Background and Rationale of the study

Evaluation Objectives, Purpose, and Scope

Data sources and Methodology

Comparative Assessment of the Socioeconomic Indicators (Baseline)

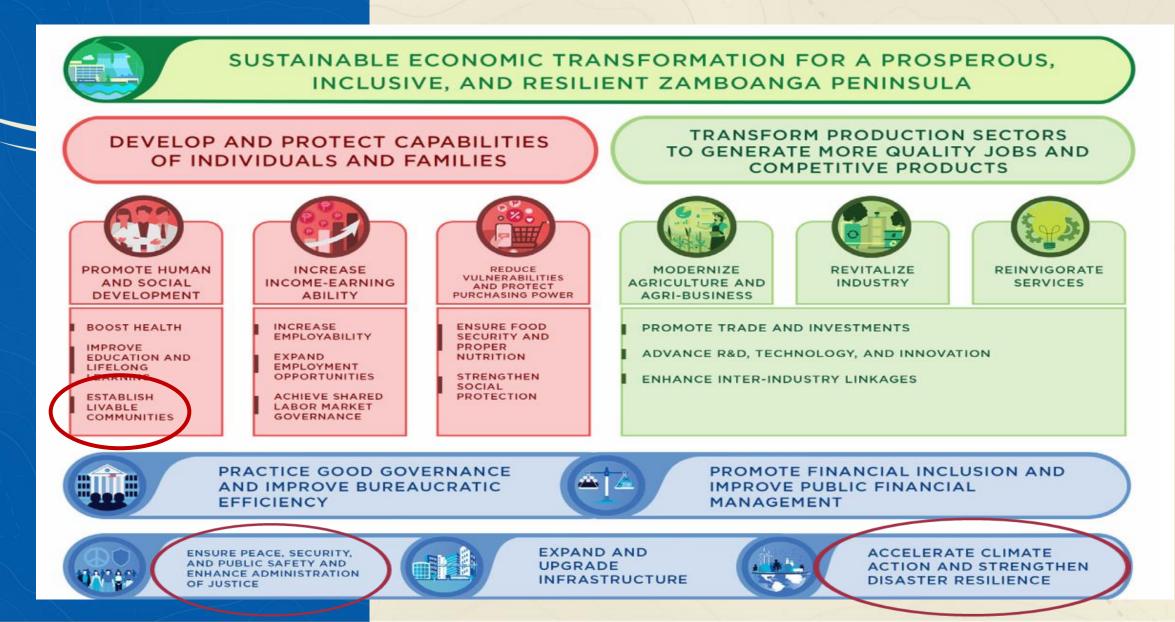
Preliminary Results based on Field Monitoring and PSS conducted



Background and Rationale



Zamboang Peninsula Regional Development Plan Framework 2023-2028





Zamboanga Siege September 9-29, 2013

(IDENTIFICATION OF AFFECTED FAMILIES)

- A. The most vulnerable families
 - 1. Fire victim families
 - Families whose dwelling units were heavily affected by bullets and mortars.
 - Families residing on areas declared as "No Return Zone", including those residing on danger zones per RA 7279 and within the coverage of Z3R.
 - Families whose houses are affected by the Road Right of Way (RROW), drainage, waterway and other legal easements.

Census/Tagging and Spot Mapping of Affected Families

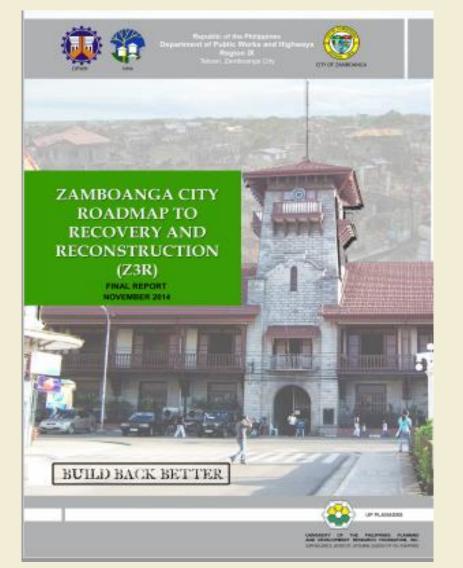




Zamboanga City Roadmap to Recovery and Reconstruction (Z3R)

Z3R Objectives



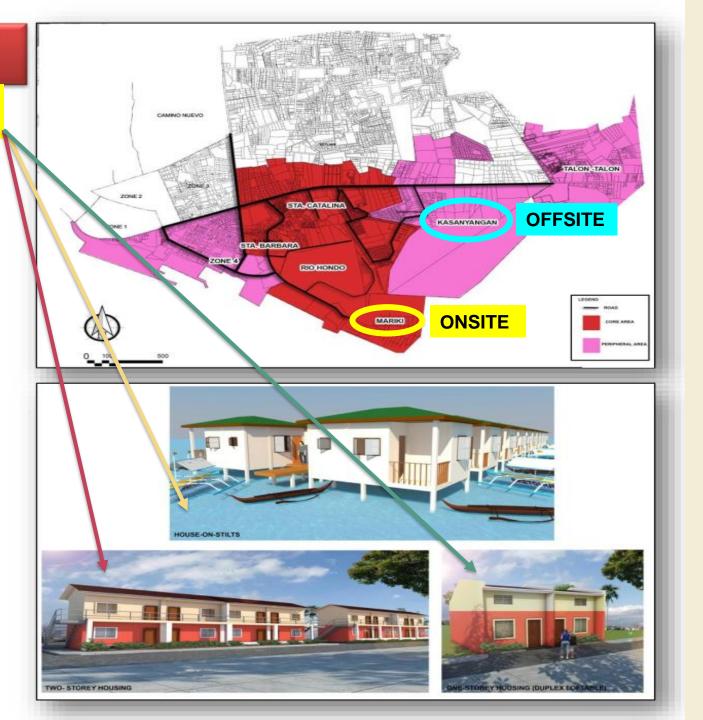


- 1. Improve the overall environment of the affected communities
- 2. Minimize adverse social impacts on housing and relocation
 - a. Prioritize onsite housing rehabilitation
 - b. Ensure culturally-sensitive housing development for IPs (houses-on-stilts)
- 3. Improve public safety and security of the community

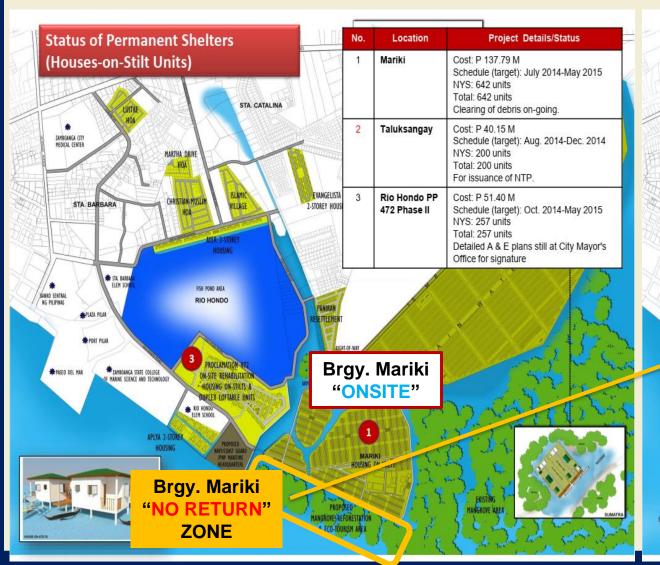
Zamboanga City Roadmap to Recovery and Reconstruction (Z3R)

- Shelter Assistance (P1.39 billion) ~40%
- Land acquisition for housing sites and rightof-way for road/drainage (P258.2 million)
- Land development covering road and drainage, housing site development, fishpond fencing, flood gates, and mangrove reforestation (P648.9 million)
- Security covering land acquisition, land development, and construction (P143.7 million)
- Rehabilitation of damaged infrastructure, assistance to small and medium enterprises, agriculture, and culture (P821.0 million)
- Other assistance to 5,587 families (P55.9 million)
- Contingency (P184.1 million)

Grand Total: PhP3.5 billion



Around **75 percent or PHP1.06 Billion** of the Z3R Shelter Assistance are **Houses-on-Stilt Units**



ses-on-S	tilt Units)
Location	Project Details/Status
Vale Vista 1 (Tiao Him Property)	Cost: P 190.20 M Schedule (target): Oct. 2014-June 2015 NYS: 914 units Total: 914 units Final plan completed
Vale Vista 2 (Tiao Him Property)	Cost: P 189.38 M Schedule (target): Oct. 2014-June 2015 NYS: 900 units Total: 900 units Final plan completed
Vale Vista 3 (Tiao Him Property)	Cost: P 196.49 M Schedule (target): Oct. 2014-June 2015 NYS: 952 units Total: 952 units Final plan completed
/ale Vista 4 Tiae tum Property)	Cost: P 256.15 M Schedule (target): Oct. 2014-June 2015 NYS: 1,222 units Total: 1,222 units Final plan completed
Summary	Cost: P 1,061.56 M Schedule (target): July 2014-June 2015 NYS: 5,087 units Total: 5,087 units Clearing of debris on-going (642 units); For issuance of NTP (200 units); Final plan completed (4,245 units)

Evaluation Objectives, Purpose, and Scope

TESRUELIKA NG PLUPINAS

Question:

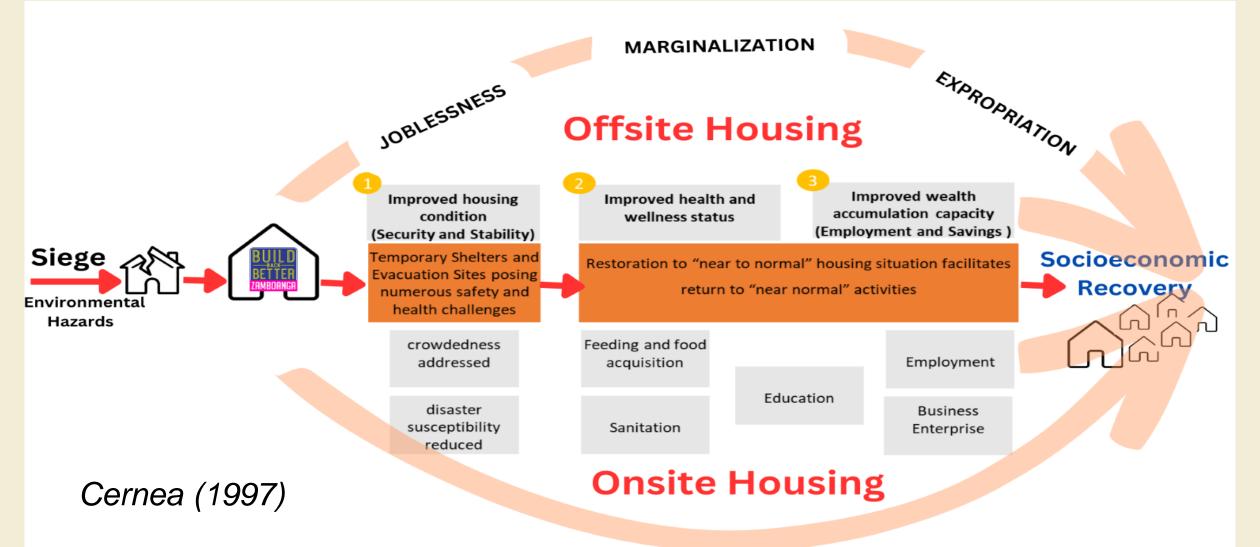
"Is there a difference on the socioeconomic recovery of the internally displaced peoples (IDPs) resettled "Onsite" and "Offsite"?

The study aims to determine the **average treatment effect of the treated (ATT)** of the Z3R Stilt Housing Relocation on the IDPs.

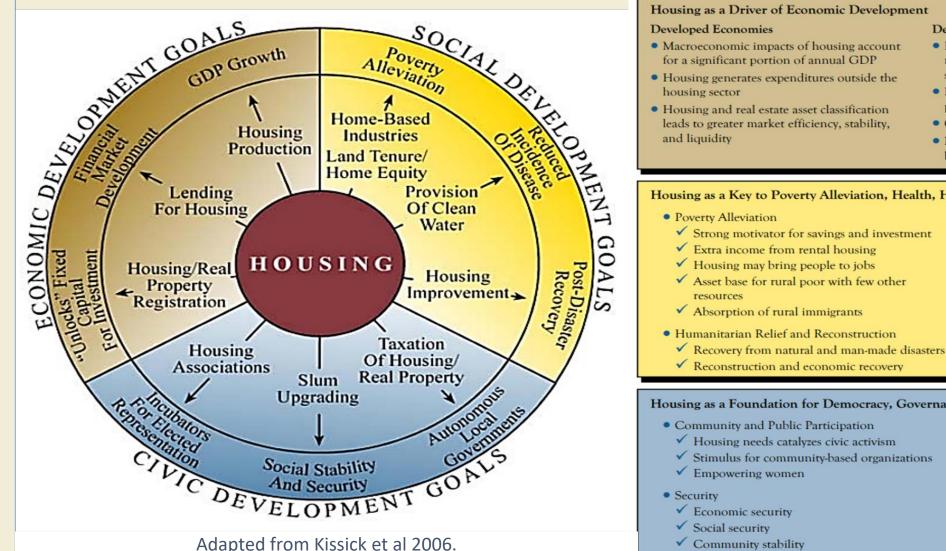
House-On-Stilt	No. of
Beneficiaries	Households
ONSITE – Control (Brgy. Mariki)	642
OFFSITE –	398
Treatment (Brgy.	"No Return
Kasanyangan)	Zone" Policy
TOTAL	1,040

RESEARCH FRAMEWORK





Housing impacts on development goals



Developing Economies

Health

malaria

disease

- Housing construction in low-income neighborhoods is a stimulus to creation of small businesses
- People are more likely to use their homes as places of employment
- Cultural and personal value of housing
- Microfinance for housing that may be bundled with loans for business development

✓ Healthy children need healthy homes

✓ Clean housing is critical to prevention

and care of AIDS, tuberculosis, and

Overcrowded homes are crucibles for

Housing as a Key to Poverty Alleviation, Health, Humanitarian Relief, and Reconstruction

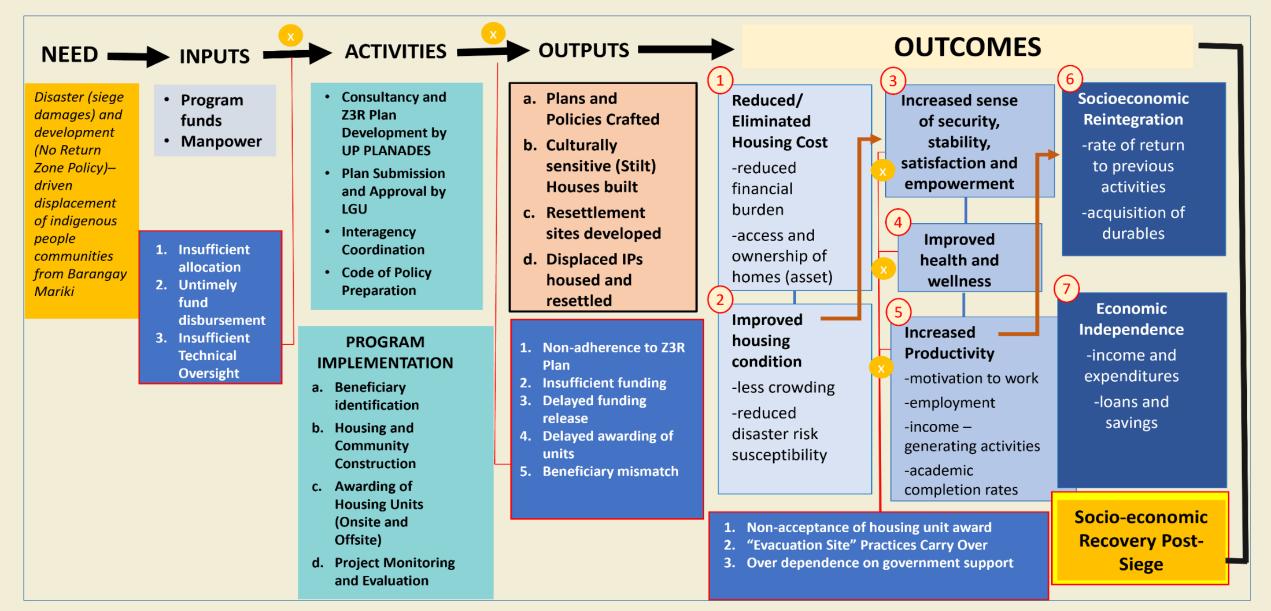
Housing as a Foundation for Democracy, Governance, and Security

- ✓ Community stability
- ✓ Alternative dispute resolution

- Decentralization and the Democratic Process
- ✓ Experience for elected leadership

- ✓ Local government capacity building

THEORY OF CHANGE



Data sources	s and Methodology	
Republic of the Philippines OFFICE OF THE CITY MAYOR Housing and Land Management Division City of Zamboanga	Relocation for IP• Z3R PlanSiege Victims• Z3R Code of Policy	Enumerator's Manual
FAMILY INFORMATION INTAKE SHEET (Site Inspection/Background Investigation Report Form) Control No.: TAG NO.: Location:	1. Research Framework 2. Theory of Change	Survey on the Socioeconomic Status of Z3R Housing Beneficiaries of Barangay Mariki and Barangay Kasanyangan, Zamboanga City
Image: Constraint of the second se	Data Collection and Analysis Plan	National Economic and Development Authority IX
0x p 05 p 06 p 07 p 08 p 09 p 10 p 11 p 12 p STATUS OF HOUSE/STRUCTURE OWNERSHIP P Please Check (✓) Owner © Renter rew/Sharer Name of Houseowner: © Renter/rew/Sharer Name of Houseowner: © Aretaker Name of Houseowner:	 Primary Data Survey (Questionnaire and Interview) GIS Mapping Focus Group Discussion (FGD) Key Informant Interview (KII) Key Informant Interview (KII) 	Perception, Behaviour, and Actuals urity, stability, satisfaction, empowerment & motivation, disease incidence medical services availed, employment and income-generating activities, oration & reintegration in the community) ousing award and distances (displacement and residence time) ousing condition (crowding and cost of repair)
STATUS OF LAND OCCUPANCY Please Check () Owner Name of Land Owner : Contact Nos.	d. D	Purables, Income & Expenditure, Loans & Savings
REMARKS : SIGNATURE OF CLIENT (Over Printed Name) SIGNATURE OF WORKER (Over Printed Name) Noted by: Wfuiture RODRIGO S. PAGOTAISIDRO Housing & Homesate Regulation Officer V City Government Complex, Perint Burracks Rized S., Zamboarga City Tel. No: (062) 992-2572 Kenad Faulty Information Insuls Shee 69-31/202	Data • Spot Maps b. (Stilt houses built and awarded Displaced IPs housed & resettled Baseline and Current Socioeconomic Status

Differencein-Difference (DID) Model

Offsite Beneficiaries (Intervention Group)

Onsite Beneficiaries

(Control Group)

The general form of the DID model for this impact evaluation study $Y = \beta_0 + \beta_1 D_i^{time} + \beta_2 D_i^{treat} + \beta_3 (D_i^{time} * D_i^{treat}) + \varepsilon_i$ Where:

Y is the outcome variable (socioeconomic recovery)

 D_i^{treat} is a dummy variable indicating the treatment (1) and control (0) group.

 D_i^{time} is a dummy variable indicating (1) after intervention (2023), 0 for baseline (2013). $D_i^{time} * D_i^{treat}$ is a dummy variable including whether the outcome is observed in the treatment group and it was observed after the intervention (1) or any other case (0)



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2015

of Housing Units

Awarding

Siege

Zamboanga

2013

Propensity

Score

Matching

(PSM)



Comparative Assessment of the Socioeconomic Indicators (Baseline)



Baseline Data (2014 FIIS)	Sample HHs	Age Group	Family Size	Length of Occupancy	Monthly Income	Per Capita Income
ONSITE (Mean)	232	43.845	6.750	15.735	9,385.90	1,484.86
OFFSITE (Mean)	160	45.425	5.619	13.894	7,551.84	1,441.78
t-Critical (two-tail)		2.5914	2.5889	2.5885	2.5888	2.5907
t Stat (α = 0.01)		-1.1131	4.5156	1.4623	1.8506	0.2497

In summary, the t-values with less than the critical values suggest that there is no significant differences were observed in the **household age**, **length of occupancy, mean monthly income** and **per capita monthly income** between the "onsite" and "offsite" groups.







Brainwriting Workshop July 4-5, 2023

STAKEHOLDERS MEETING

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CONSULTATION ON THE IMPACT EVALUATION STUDY OF Z3R HOUSING PROJECT Audio-Visual Room, Administration Building, Zamboanga State College of Marine Sciences and Technology (ZSCMST) Barangay Rio Hondo, Zamboanga City

	ORDER OF BU	ISINESS	
DATE/TIME	ACTIVITY	RESPONSIBLE PERSON	ZICHISTADES
July 21, 2023			
8:00 AM	REGISTRATION		125
9:00 AM	PRAYER	JUNE KERR BALCE	NEDA IX - RINGIN B. SA
		EDS 1, NEDA IX	
9:05 AM	INTRODUCTION OF	ZSCMST	NEDA IX-Ceferino
	PARTICIPANTS		NEDA 1X-Ceferino Pelinggon
9:15 AM	OPENING REMARKS	MARIA FELICIDAD R. GUERRERO	
		Assistant Regional Director, NEDA IX	
9:20 AM	RATIONALE OF THE ACTIVITY	ELVIE D. MAISOG	
		Supervising EDS, NEDA IX	
9:30 AM	a. Introduction to Impact	DR. RUFA LARA MENDEZ	
	Evaluation Studies	Vice President for Research and	
		Innovation, ZSCMST	

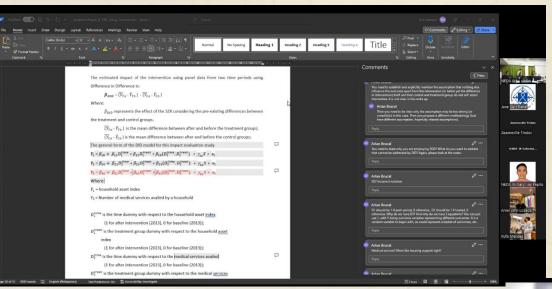




Stakeholders Meeting July 21, 2023



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IE Team – ZSCMST and NRO 9 Coordination Meeting August 25, 2023

IE Team Consultation Meeting with Dr. Arlan Brucal August 30, 2023





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IE Team Coordination Meeting August 29, 2023



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	TIME	ACTIVITY	RESPONSIBLE PERSON		
	03:00 P.M.	PRAYER	GARYL JAY N. PEPITO		
			EDS II, NEDA IX		9
		PURPOSE OF THE ACTIVITY	LETICIA LOBREN		Rufa Mende
			Chief EDS, NEDA IX		
		UPDATES	JORDAN B. SALI	-	MAF
			Senior EDS, NEDA IX		
					MARLON R.
		HIRING AND PROCUREMEN	KARYL KRISTAL M. VILLEJO Chief Administrative Officer, NEDA IX		
		NEXT STEPS	ELVIE D. MAISOG		
			Supervising EDS, NEDA IX		NEDA IX-GB
		FEEDBACK / UPDATES	RUFA L. MENDEZ		Gre
			Vice President for Research, Innovation and Extension, ZSCMST		Greegie M. J
		ANNOUNCEMENTS			
		ADJOURNMENT			

IE Team - ZSCMST and NRO 9 Coordination Meeting September 05, 2023



Gathering of Secondary Data – LGU-Zamboanga City Visit September 28, 2023





IE Online Refresher Course October 6, 2023

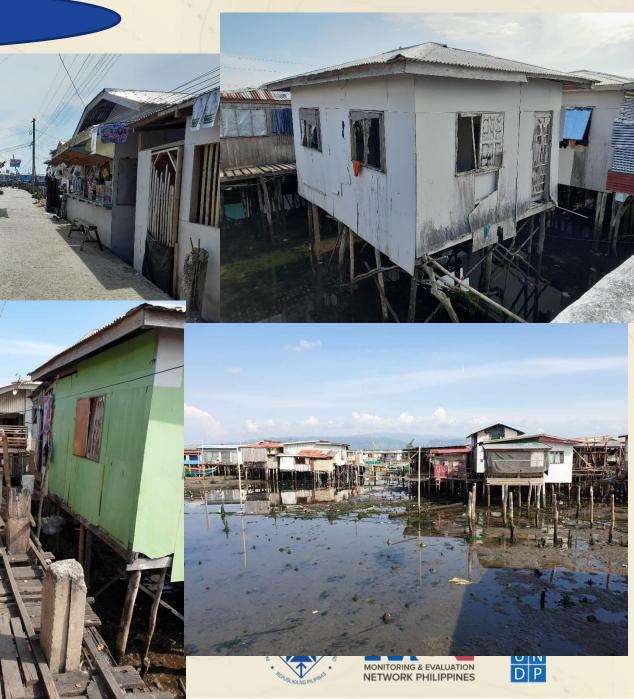


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Site Visit Barangay Mariki, Zamboanga City October 23, 2023

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 Propagation of the mangrove forest will protect the houses-onstilts against tidal surge. Ensure the order and maintenance of the common areas (i.e., boardwalk, mangrove and other open spaces).







Sustain community livability planning and implementation





Capacity Development on Impact Evaluation

THANK YOU!