

# Majuro Water Survey Update

EPPSO

May 2009

# Majuro & Ebeye Water Survey

- House to House Survey
- Survey Funded by EU and World Bank
- Water Projects Funded by EU
- House Listing
- Water Survey
- MDGs – MDG 7 Water and Sanitation
- Provision of 500 – 600 HH water Catchments
- Water Quality Officer Training and Information

### Rita 1 At A Glance (Before)

Total Structures \* 205

\*Accounts for all structures, inclusive of non-dwellings as well (cookhouses, bathrooms, etc.). No other available information.

Majuro 15  
Zone 01  
Rita 1

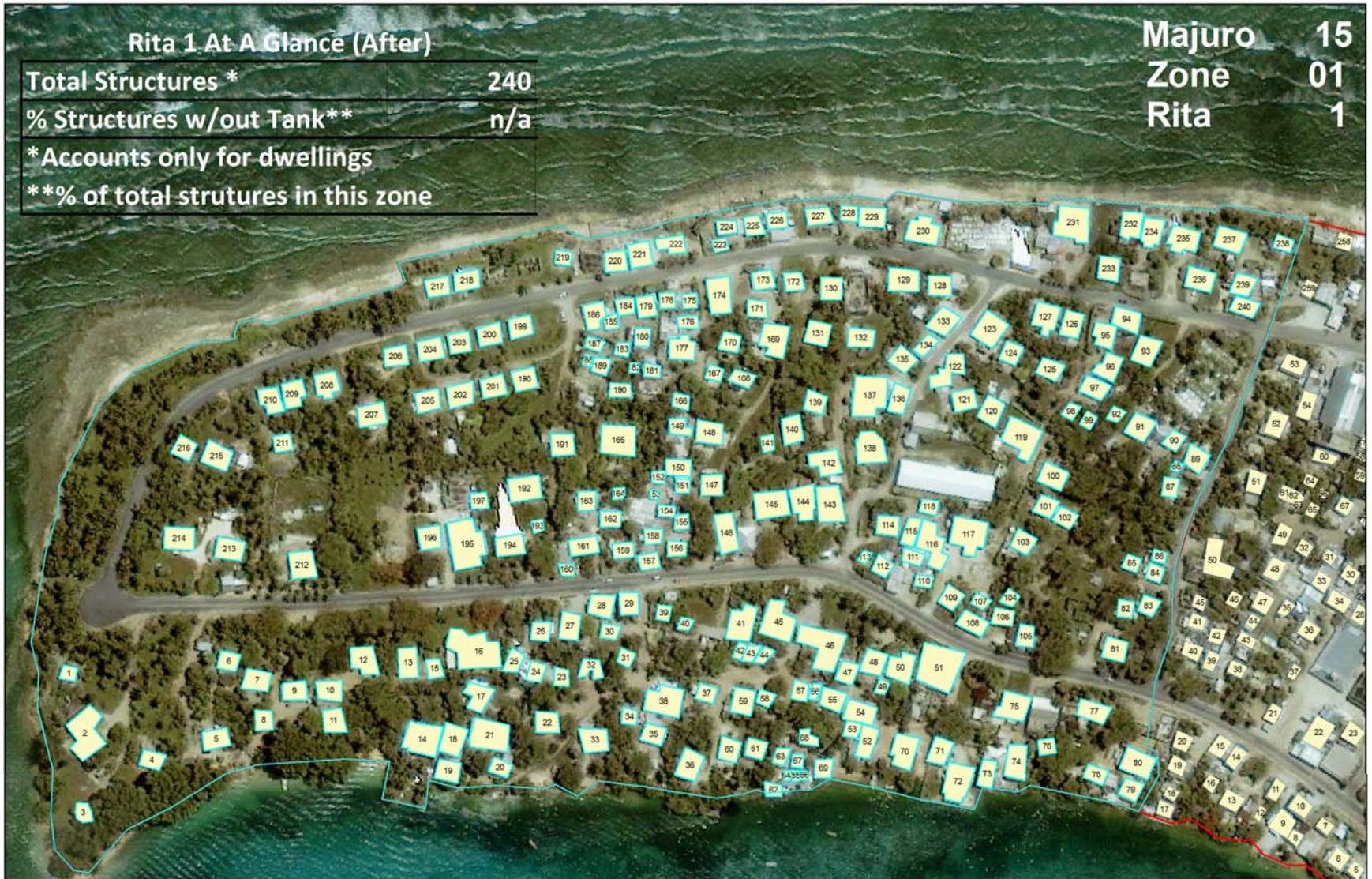




## Rita 1 At A Glance (After)

Total Structures *	240
% Structures w/out Tank**	n/a
*Accounts only for dwellings	
**% of total strutures in this zone	

Majuro 15  
Zone 01  
Rita 1





Majuro 15  
Zone 02  
Rita 2

### Rita 2 At A Glance (Before)

Total Structures \* 216

\*Accounts for all structures, inclusive of non-dwellings as well (cookhouses, bathrooms, etc.). No other available information.







Majuro 15  
Zone 02  
Rita 2

Rita 2 At A Glance (After)

Total Structures *	259
% Structures w/out Tank **	28
*Accounts only for dwellings	
**% of total strutures in this zone	



### Rita At A Glance (Before)

Total Structures*	118
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\*Accounts for all structures, inclusive of non-dwellings as well (cookhouses, bathrooms, etc.) No other information available.

Majuro 15  
Zone 03  
Mosquito





## Mosquito Town At A Glance (After)

Total Structures *	129
% Without Tank **	37
* Accounts only for dwellings	
**% of total household in this zone	

Majuro 15  
Zone 03  
Mosquito





## Jenrok At A Glance

Total Structures: 241

Structures account for all structures, inclusive of non-dwellings as well (e.g. cookhouses bathrooms etc.). No other available information

Majuro 15  
Zone 04  
Jenrok





### Jenrok At A Glance

Total Structures\* 257

% Structures without Tank\*\* 30%

\*\*Accounts only for dwellings

\*\*% of total households in this zone

Majuro 15  
Zone 04  
Jenrok





## Downtown At A Glance (Before)

Total Structures \* 134

\*Accounts for all structures, inclusive of non-dwellings as well (cookhouses, bathrooms, etc.). No other available information.

Majuro 15  
Zone 05  
Downtown





## Downtown At A Glance (After)

Total Structures \* 191

% Structures w/out Tank\*\* 22

\*Accounts only for dwellings

\*\*% of total strutures in this zone

Majuro 15  
Zone 05  
Downtown





### Uliga At A Glance (Before)

Total Structures \* 124

\*Accounts for all structures, inclusive of non-dwellings as well (cookhouses, bathrooms, etc.). No other available information.

Majuro 15  
Zone 06  
Uliga





## Uliga At A Glance (After)

Total Structures *	146
% Structures w/out Tank **	20
* Accounts only for dwellings	
** % of total strutures in this zone	

Majuro Zone 15  
Uliga 06





### Small Island At A Glance (Before)

Total Structures*	124
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\*Accounts for all structures, inclusive of non-dwellings as well (cookhouses, bathrooms, etc.) No other information available.

Majuro 15  
Zone 07  
Small Island





# Small Island At A Glance (After)

Total Structures *	198
% Without Tank**	31
* Accounts only for dwellings	
**% of total household in this zone	

Majuro 15  
Zone 07  
Small Island





Majuro 15  
Zone 08 & 09  
Delap

Delap 1 & 2 At A Glance (Before)

	Delap 1	Delap 2
Total Structures*	101	116

\*Accounts for all structures, inclusive of non-dwellings as well (cookhouses, bathrooms, etc.) No other information available.





# Delap 1 & 2 At A Glance (After)

Delap 1

Delap 2

Total Structures *	150	243
% Without Tank **	33	26

\* Accounts only for dwellings

\*\*% of total household in this zone

Majuro  
Zone  
Delap

15  
08 & 09





### Delap 3 At A Glance (Before)

Total Structures \* 177

\*Accounts for all structures, inclusive of non-dwellings as well (cookhouses, bathrooms, etc.). No other available information.

Majuro	15
Zone	10
Delap	3





### Delap 3 At A Glance (After)

Total Structures *	261
% Structures w/out Tank**	23

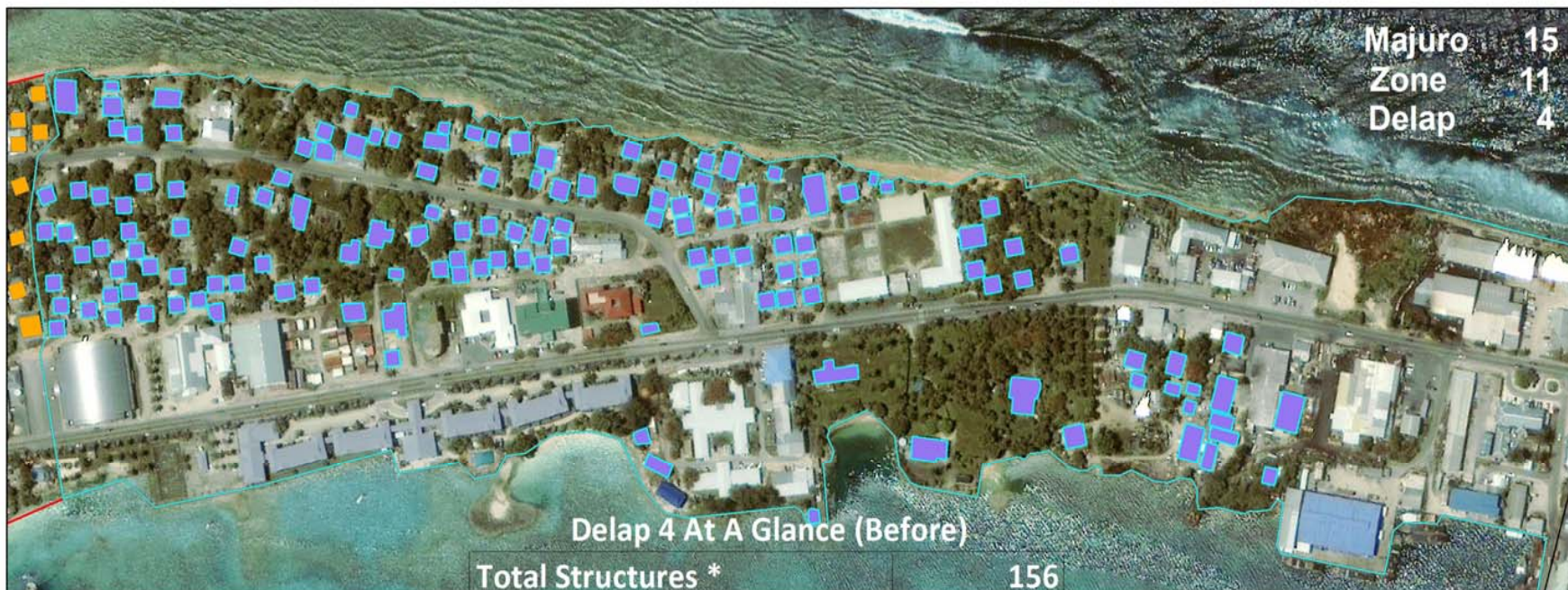
\*Accounts only for dwellings

\*\*% of total strutures in this zone

Majuro 15  
Zone 10  
Delap 3







\*Accounts for all structures, inclusive of non-dwellings as well (cookhouses, bathrooms, etc.). No other available information.







Total Structures \* 294

% Structures w/out Tank\*\* 24

\* Accounts only for dwellings

\*\*% of total strutures in this zone





Majuro 15

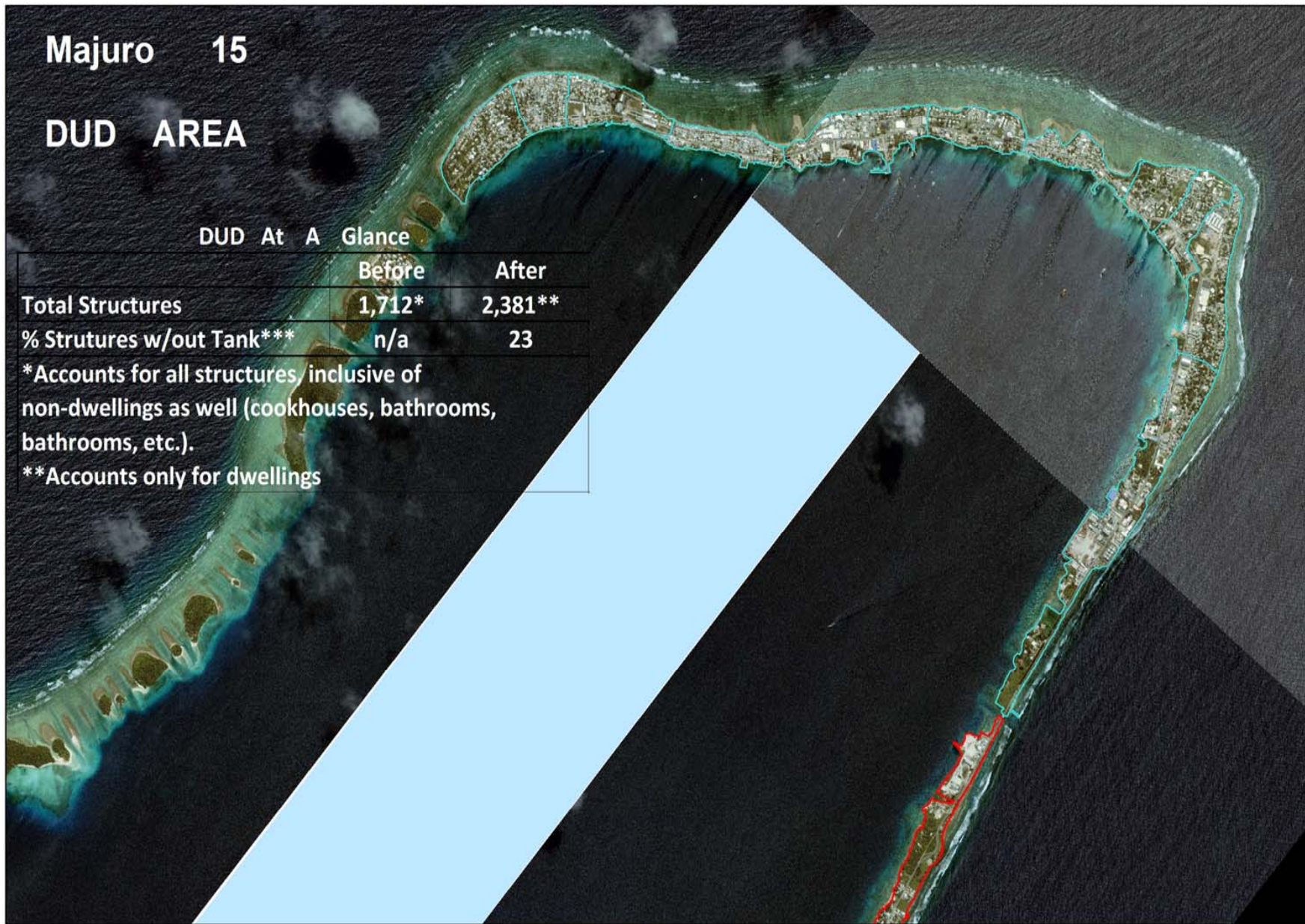
DUD AREA

DUD At A Glance

	Before	After
Total Structures	1,712*	2,381**
% Structures w/out Tank***	n/a	23

\*Accounts for all structures, inclusive of non-dwellings as well (cookhouses, bathrooms, etc.).

\*\*Accounts only for dwellings





# What Does this mean?

- 1988 Census
- DUD 14,649 People
- 1,665 Households
- Avg HH Size 8.8 people
- 1999 Census
- DUD 15,486 People
- 1,880 Households
- Avg HH Size 8.2
- 2009
- 2,368 Dwellings in DUD
- HH of 7.6 = 17,997
- HH of 8.2 = 19,418
- Approx 26% increase in total Households
- 23% HH have no water storage Capacity
- 545 HH, 4,360 people
- This is more than pop's of Alaplap and Arno Combined!



# What Next?

- The priorities will be:
- (1) look for homes that have no water storage capacity
- (2) homes that very poor or little water capacity
- (3) homes that need improved gutters, but may not need a water catchment.
- **MORE FUNDING, Domestic and Donors**



# What Next

- Many Comments from people for more information and practical training
- More certified Water Quality Officers; status quo is not working.
- More information, at HH level, in Kajin Majol, radio and newspaper is not enough!!
- More programs, info and training provided directly to communities and households
- More emphasis on public & environmental health policy and spending! MOH we need you!



# Other Applications

- Disaster Planning and Response
- Public Health Surveillance
- Crime/Police Incident Mapping
- Information Campaigns
- Project/Program Targeting
- Infrastructure Planning
- Capacity Building!