

# Panay Solar Light Distribution Assessment

Stiftung Solar Energy

1-6 December 2013



# Typhoon Haiyan

- Struck Philippines on 7 Nov 2013
- Deadliest Philippine typhoon on record
- Strongest storm ever recorded at landfall
- 10-minute sustained winds of 230 km/h (145 mph)
- Nearly 6,000 confirmed deaths and \$2.4 billion USD in damage



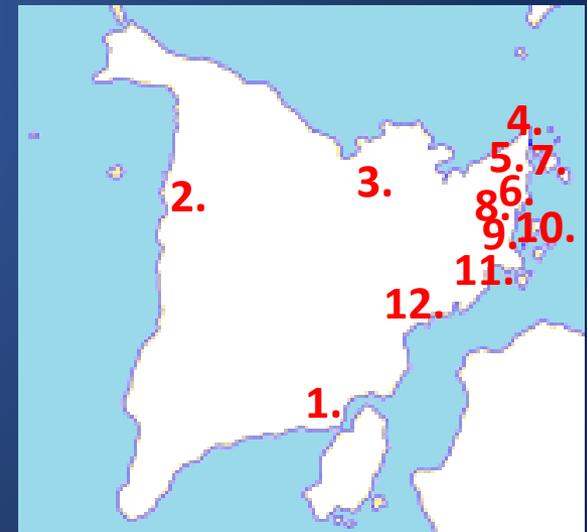
# StS Panay Relief Effort

- Allocated 400 Solar lights for relief and recovery
- Partnering with ICODE, local NGO
- Visited 12 municipalities in Panay to assess need
- Met with mayors' offices, Disaster Risk Reduction offices, medical centers, and people's organizations
- Emphasis on distributing lamps to save lives



## NIWA Multi 100

Mobile phone charging  
3.5 hours at 100 lumens  
16 hours at 25 lumens  
Water and shock resistant



# Panay Houses



# Panay Buildings



# Panay Electrical System



# Estancia Oil Spill



# 1. Iloilo City

- Met with Iloilo CODE NGO and Capiz CODE NGO to plan trip
- Minimal damage to Iloilo City from Haiyan

**Total lamps allocated: 9**

Iloilo CODE NGO: 6

Capiz CODE NGO: 3



# 2. Culasi

- Distributed relief food
- Met with Mayor's office and people's orgs
- Island barangays lack electricity but have access to generators

**Total lamps allocated: 43**

Midwives and medical centers: 31

Disaster Risk Reduction: 2

Bantay Dagat: 2

People's Organizations: 8



# 3. Sigma

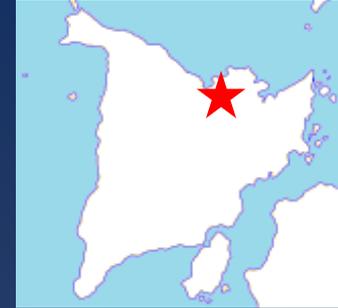
- Met with Mayor's office, DRR, health, education, and people's orgs
- Visited Sigma barangay health station
- No grid electricity

**Total lamps allocated: 27**

Midwives and medical centers: 23

Disaster Risk Reduction: 2

People's Organizations: 2



# 4. Carles

- Met with Mayor's office, DRR, health, education, and people's orgs
- Visited Carles barangay health station
- No grid electricity
- Major damage to most buildings
- Little evidence of recovery/rebuilding

**Total lamps allocated: 34**

Midwives and medical centers: 22

Disaster Risk Reduction: 2

Bantay Dagat: 2

People's Organizations: 8



# 5. Balasan

- Met with DRR and people's organizations
- Visited Balasan barangay health station
- No grid electricity
- Major damage to most buildings
- Well-organized for recovery

**Total lamps allocated: 23**

Midwives and medical centers: 17

Disaster Risk Reduction: 2

Social Welfare & Dev't office: 2

People's Organizations: 2



# 6. Batad

- Met with Vice-Mayor, DRR, health, fire, police, and people's orgs
- Visited Batad barangay health station
- No grid electricity
- Damage to most buildings

**Total lamps allocated: 35**

Midwives and medical centers: 19

Disaster Risk Reduction: 2

Bantay Dagat: 2

People's Organizations: 12



# 7. Estancia

- Visited oil spill (900,000 liters from power barge)
- Visited refugee camp of nearly 2,000 people
- Met with health office at refugee camp
- No visible remediation of oil spill
- No grid electricity
- Major damage to most buildings
- Sufficient staff and resources at refugee camp
- No recovery/rebuilding

**Total lamps allocated: 25**  
Medical centers: 23  
Disaster Risk Reduction: 2



## 8. San Dionisio

- No meetings
- Major damage to most buildings
- No grid electricity

**Total lamps allocated: 23**

Midwives and medical centers: 15

Disaster Risk Reduction: 4

Social Welfare & Dev't office : 2

People's Organizations: 2



## 9. Sara

- No meetings
- Damage to most buildings
- No grid electricity

**Total lamps allocated: 33**

Midwives and medical centers: 27

Disaster Risk Reduction: 4

Social Welfare & Dev't office : 2



# 10. Concepcion

- Met with Mayor, DRR, health, and people's orgs
- Visited Concepcion barangay health station
- No grid electricity
- Major damage to most buildings

**Total lamps allocated: 71**

Midwives and medical centers: 55

Disaster Risk Reduction: 10

Bantay Dagat: 2

People's Organizations: 4



# 11. Ajuy

- Met with Mayor, DRR, health, and people's orgs
- Visited Ajuy barangay health station
- Partial grid electricity

**Total lamps allocated: 71**

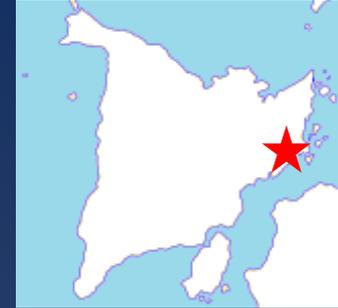
Midwives and medical centers: 31

Disaster Risk Reduction: 1

Social Welfare & Dev't: 1

Bantay Dagat: 2

People's Organizations: 4



# 12. Barotac Viejo

- Met with Mayor's office and people's orgs

**Total lamps allocated: 30**

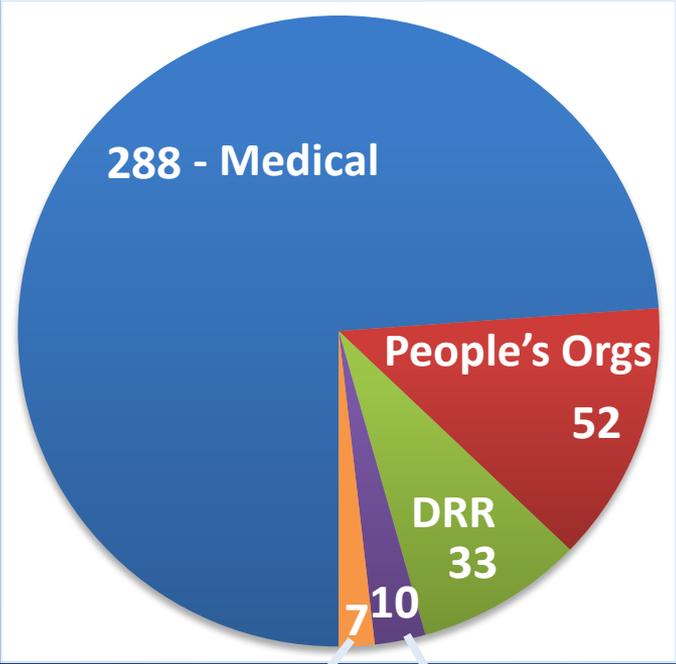
Midwives and medical centers: 25

Disaster Risk Reduction: 2

People's Organizations: 3



# Summary of Solar Light Allocation



Social Welfare & Development

Bantay Dagat

