WWF - Philippines

Capacity Development Seminar
UN DESA Energy Grant

21-22 November 2017
UN Headquarters, New York City
WWF is in over 100 countries, on all 6 continents.

WWF was founded in 1961.

Our new name reflects our greater mandate.

WWF has over 5 million supporters.

WWF-Philippines was founded in 1996.
Helping people, protecting habitats and securing our future

Sustainable Future = Economic Development + Protection of the environment
WHERE WE WORK

WWF-PHILIPPINES PROJECT SITES
Agriculture & Aquaculture

**FOOD**

- Marine Protected Areas (MPAs)
- Fisheries

**WATER**

- Watersheds

**CLIMATE**

- Climate Change Adaptation

**SPECIES**

- Whale sharks
- Tamaraws
- Irrawaddy dolphins
Sustainable Energy and Poverty Challenge
OUR PHILIPPINE REALITY

FACTS AND FIGURES

- Archipelago of 7,614 islands
- 36,289 kms of coastline
- One of the fastest expanding economies in the world – 6.9% GDP Q3 2017
- 90.3% Functional Literacy
OUR PHILIPPINE REALITY
FACTS AND FIGURES

ESTIMATED TOTAL POPULATION
102 MILLION FILIPINOS

27 MILLION LIVING BELOW THE POVERTY LINE

The root causes:
DEFORESTATION
DEGRADED COASTS AND OCEANS
DIMINISHING FARM YIELDS
Degradation of the environment leads to more poverty.
OUR CLIMATE AND POVERTY CHALLENGE

FACTS AND FIGURES

Average of 20 storms a year

3<sup>rd</sup> most vulnerable to climate risks

23 provinces at high risk to hazards of climate change

Poverty incidence (2015):
- Farmers: 34.3%
- Fishermen: 34.0%
- Children: 31.4%
Around 11 million of Filipinos are deprived of access to electricity sources, relying mainly on expensive and highly dangerous kerosene lamps for lighting especially at night.

Stories from the frontline
CLIMATE

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9 M Filipinos lack access to safe drinking water
19 M Filipinos lack access to improved sanitation
OUR APPROACH

• “No regrets” adaptation
• Engagement with the local communities and local governments
• Building relationships with different stakeholders
• Looking at areas with most need, matching with appropriate technologies and sustainable solutions
• Aim to improve the resilience of low-income communities to the effects of climate change by introducing adaptive technologies that will enable sustainable access to food, water and energy
OUR PROJECTS

- Earth Hour Village
- Solar-powered LED Lighting Night Landing and charging stations for small-scale fisherfolk
- Earth Hour Gift of Light
OUR ACHIEVEMENTS

Earth Hour Village
Milestones

Train
- 50 trainees

Deploy
- 225 kits

Operate
- Observed container gardens in the sitios
- Usage started at onset of rainy season

Monitor
- 6 trainees
- 10 rainwater tanks
- 9 collectors
- 127 solar lamps
- On-going rental scheme

Monitor
Earth Hour Village
Solar-powered LED night landing and charging stations for Small-scale Fisherfolk

RE and energy efficiency benefitting over 500 small-scale fisherfolk
Earth Hour Gift of Light

✓ Deployed to **one-hundred-twenty-two (122)** beneficiaries/households.
✓ A short program was also prepared which contained:
  - Information/Education on Renewable Energy
  - Demonstration/Instruction on the usage solar kits and its proper maintenance
OBSTACLES AND BARRIERS

• Accessibility
• Acceptability
• Capacity
• Security
SOLUTIONS

• Capacity Building/Technology Transfer

• Awareness raising (proof of concept)

• Enhancement and scaling up of integrated approaches
FUTURE PLANS

• Intensification of reach for households not yet accessed

• Increased training for key local stakeholders to manage systems

• Introduction of new innovative, sustainable solutions to other areas/communities

• Establishment of new partnerships
BUILD A FUTURE WHERE PEOPLE AND NATURE THRIVE TOGETHER POSSIBLE
MARAMING SALAMAT!
THANK YOU VERY MUCH!