

JICA's Assistance for Disaster Risk Reduction and Reconstruction

October 22, 2015

Susumu Yuzurio

Director, Urban and Regional Development Team 1

Infrastructure and Peacebuilding Department

Japan International Cooperation Agency

CONTENTS

- **JICA's Operations, and Its Intervention Concept against Disaster**
- **Case 1 Emergency Response for the Nepal Earthquake**
- **Case 2 Infrastructure and Livelihood Support for the Typhoon Yolanda in the Philippines**
- **Case 3 Strengthening Disaster Health Management in ASEAN**

Overview of JICA Operations

- Implementing agency of Japanese ODA for around 150 countries
- Technical Cooperation: 170 billion JPY per year
- Yen Loan: around 900 billion JPY per year
- Grant Aid: around 100 billion JPY per year
- Training Program: around 26,000 participants per year
- Regional Focus: TC/ GA; Asia, Africa; LA; Asia
- Humanitarian assistance (dispatch of search & rescue/ medical teams and provision of emergency supplies)

Table 8 Technical Cooperation Disbursements for the Past 10 Years (Unit: ¥ billion)

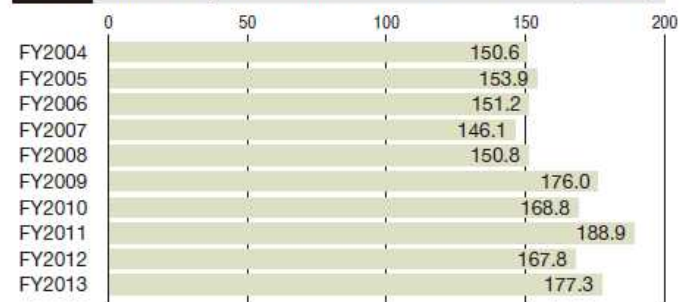
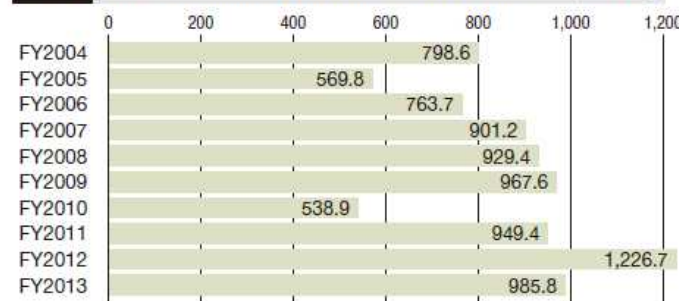
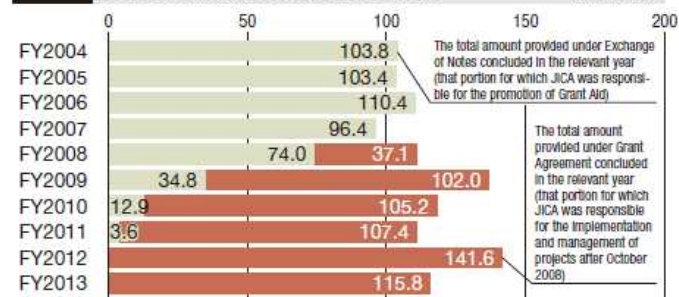


Table 9 Loan Aid Commitment Amounts for the Past 10 Years (Unit: ¥ billion)



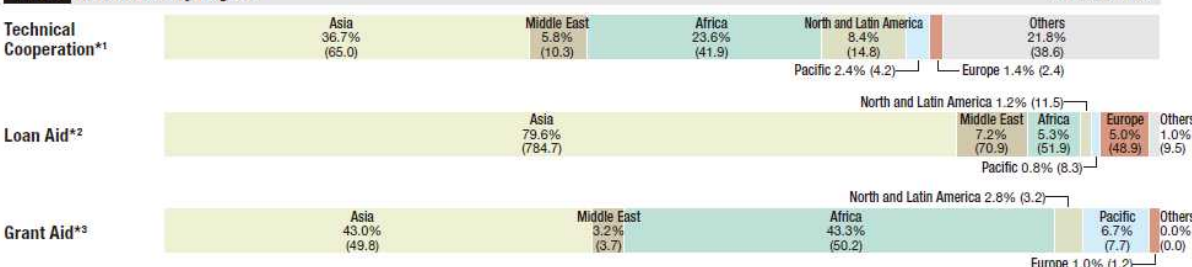
Note) Total ODA Loan and Private-Sector Investment Finance

Table 10 Scale of Grant Aid for the Past 10 Years (Unit: ¥ billion)



Note) JICA was responsible for expedition of implementation of Grant Aid until fiscal 2007. From October 2008, JICA has also been performing project management of a portion of Japan's Grant Aid.

Table 11 Distribution by Region



Disaster Management Cycle

Recovery & reconstruction planning, restoration of buildings, rehabilitation of infrastructure, mental health care, recovery of livelihood

Recovery & Reconstruction

Risk analysis, damage simulation, hazard/risk map, strong government complex against disasters, education on DRR, voluntary organization for DRR, early warning system, structural measures for DRR, relocation

Prevention & Mitigation

Build Back Better

Response

Collecting information, Damage and needs assessment, dispatching rescue/medical teams, provision of emergency supplies, financial aid

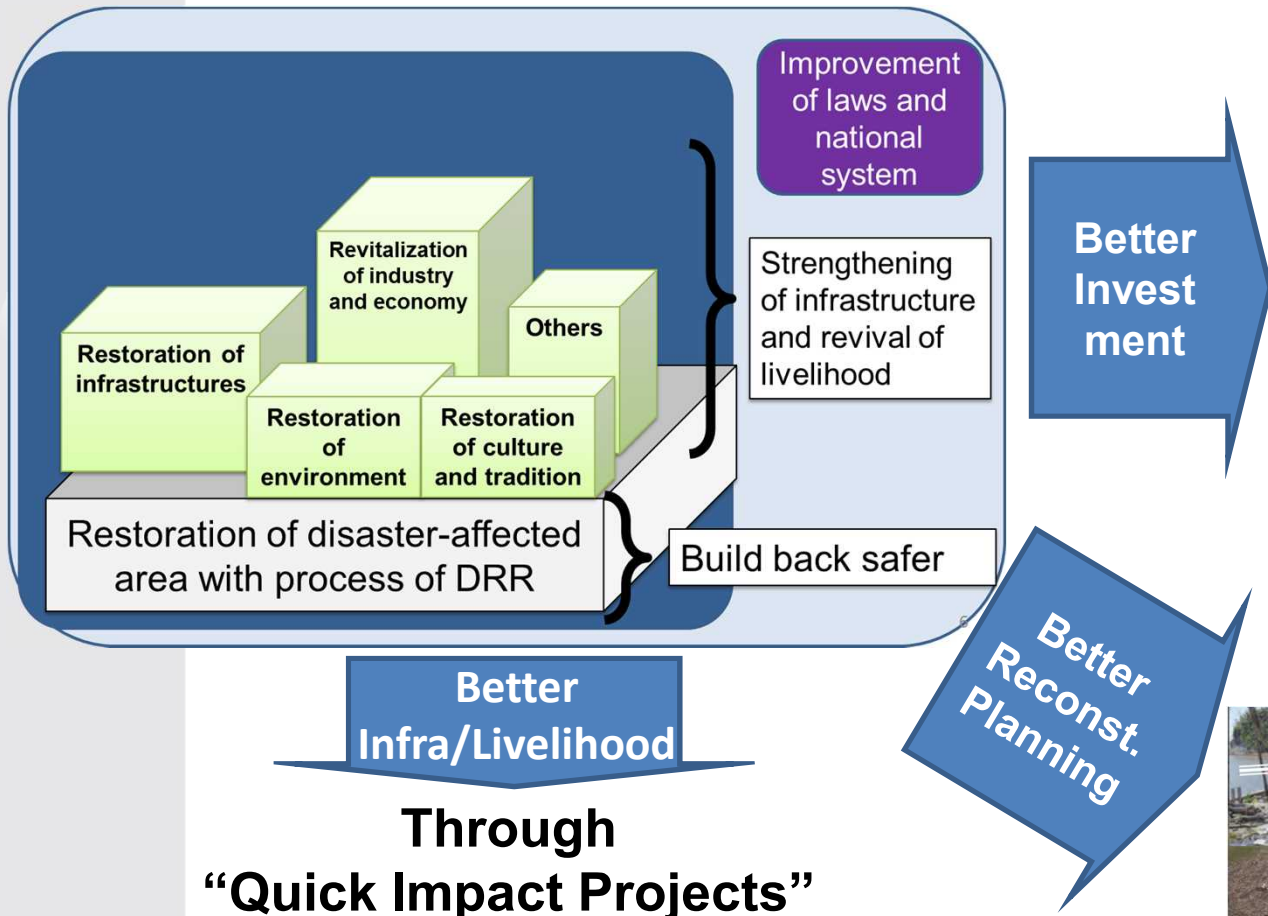
Seamless Assistance

Disaster

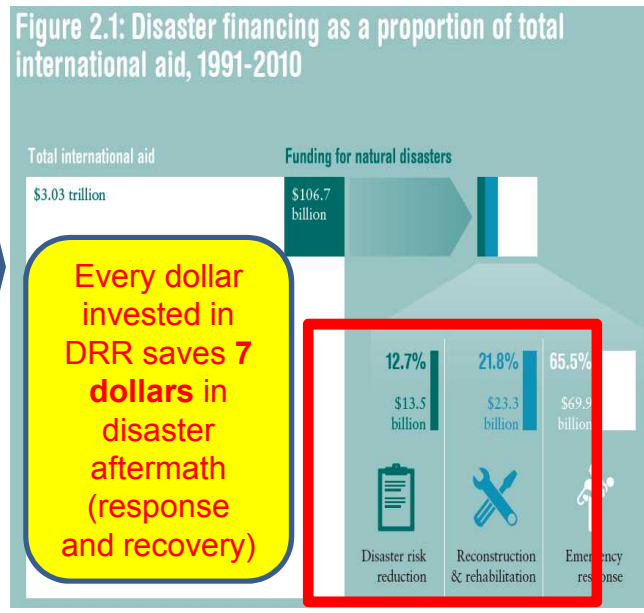
Preparedness

Evacuation drill, disaster risk insurance, stock of emergency material, strengthening collaboration among rescue/medical teams, preparation for response, recovery and reconstruction, collecting information

BBB Concept for Disaster Risk Reduction



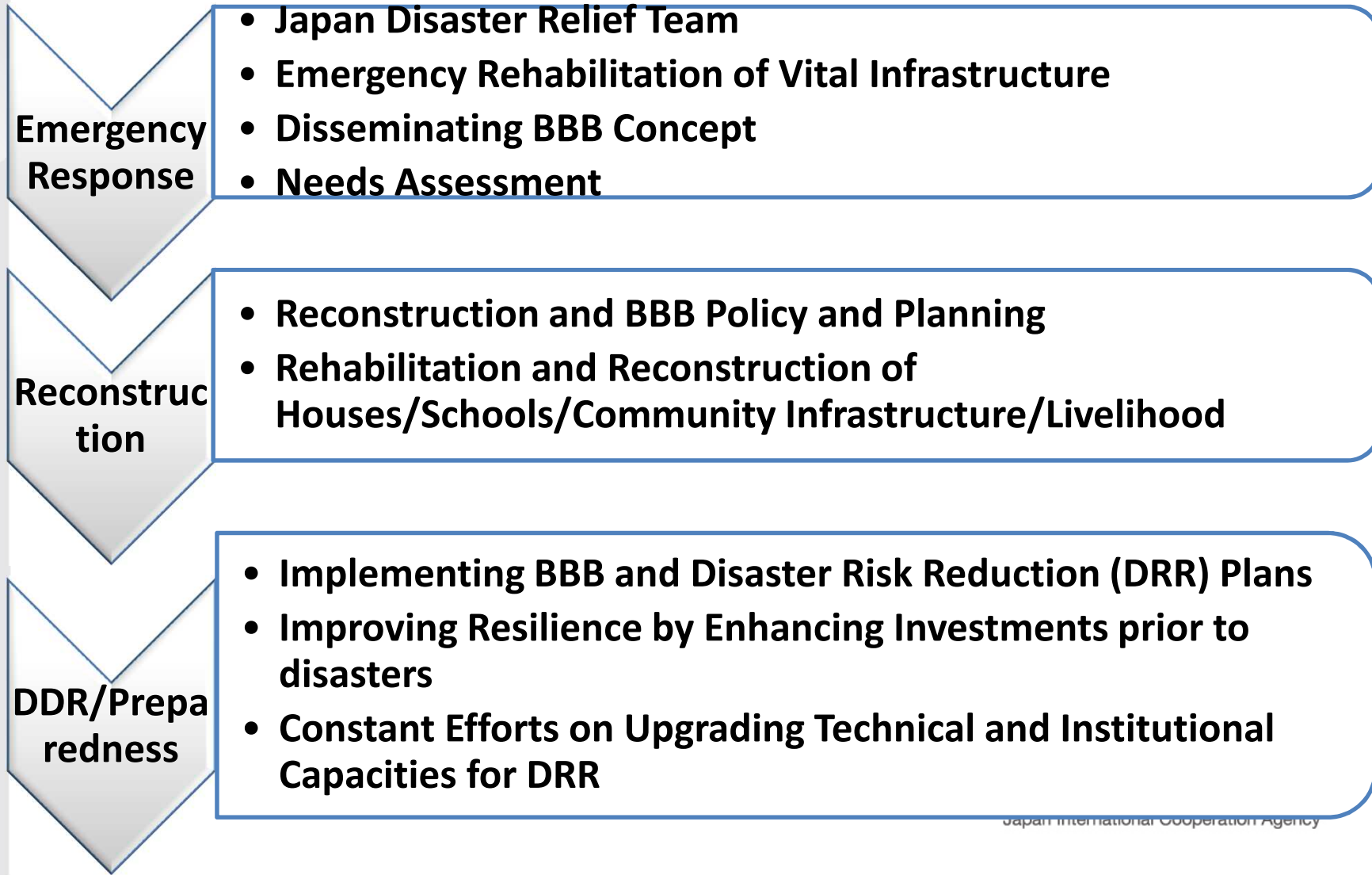
Better Infra/Livelihood
Through "Quick Impact Projects"



Japan International Cooperation Agency

Case 1 Emergency Response for the Nepal Earthquake

Seamless Interventions



Case 1 Emergency Response for the Nepal Earthquake

Emergency Relief Activities

- USAR* Team Apr 26 – May 9
- Medical Team (1st batch) Apr 28 – May 11
- Medical Team (2nd batch) May 7 – 20
- Self Defense Force Apr 28 – May 21
- UNDAC ** Member Apr 26 – May 9
- Emergency Relief Supplies Tents etc.
- Emergency Grant Aid 14 million USD



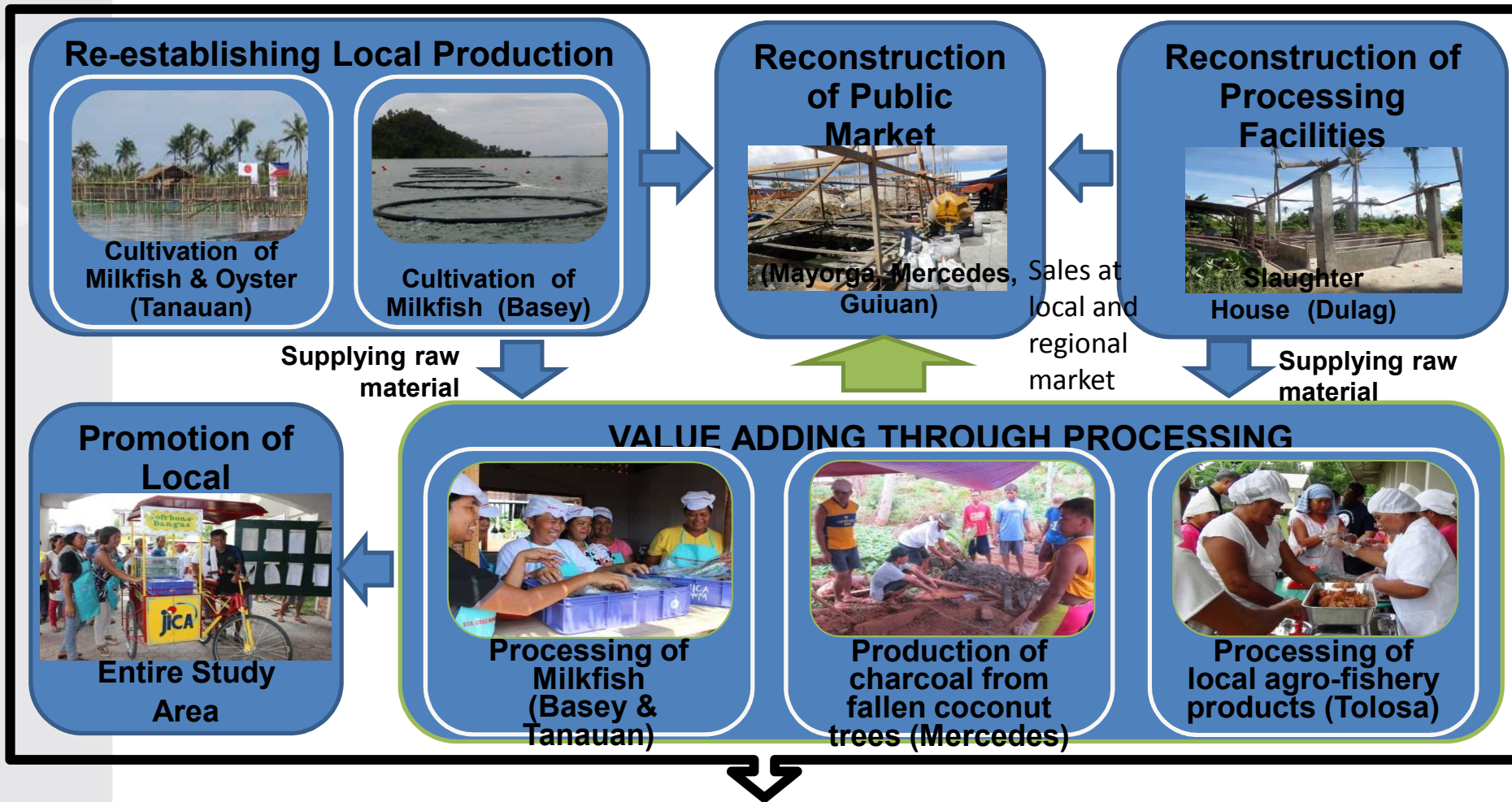
Medical Team

- Apr 27 – May 20 (2 batches)
- The first team with “Extended Function” (Surgery, Dialysis and Hospitalization)
- Field hospital in Bahrabise Village, Sindhupalchok District
- 987 Patients (New: 863, Re: 124)
- 82 patients per day
- 22 cases of surgeries



Case 2 Infrastructure and Livelihood Support for the Typhoon Yolanda in the Philippines

Seamless Interventions in Value Chains



Restoration of livelihood through production and sales of local products

1. TECHNOLOGY TRANSFER: RECONSTRUCTION OF RESILIENT FACILITIES

MECEDES PUBLIC MARKET (MERCEDES, EASTERN SAMAR)

QIP 11: IMPROVING MUNICIPAL CAPACITY FOR DISASTER RESILIENT CONSTRUCTION MANAGEMENT THROUGH RECONSTRUCTION OF PUBLIC MARKET



DULAG SLAUGHTER HOUSE (DULAG, LEYTE)

QIP 10: IMPROVING MUNICIPAL CAPACITY FOR DISASTER RESILIENT CONSTRUCTION MANAGEMENT THROUGH RECONSTRUCTION OF SLAUGHTERHOUSE



MAYORGA PUBLIC MARKET (MAYORGA, LEYTE)

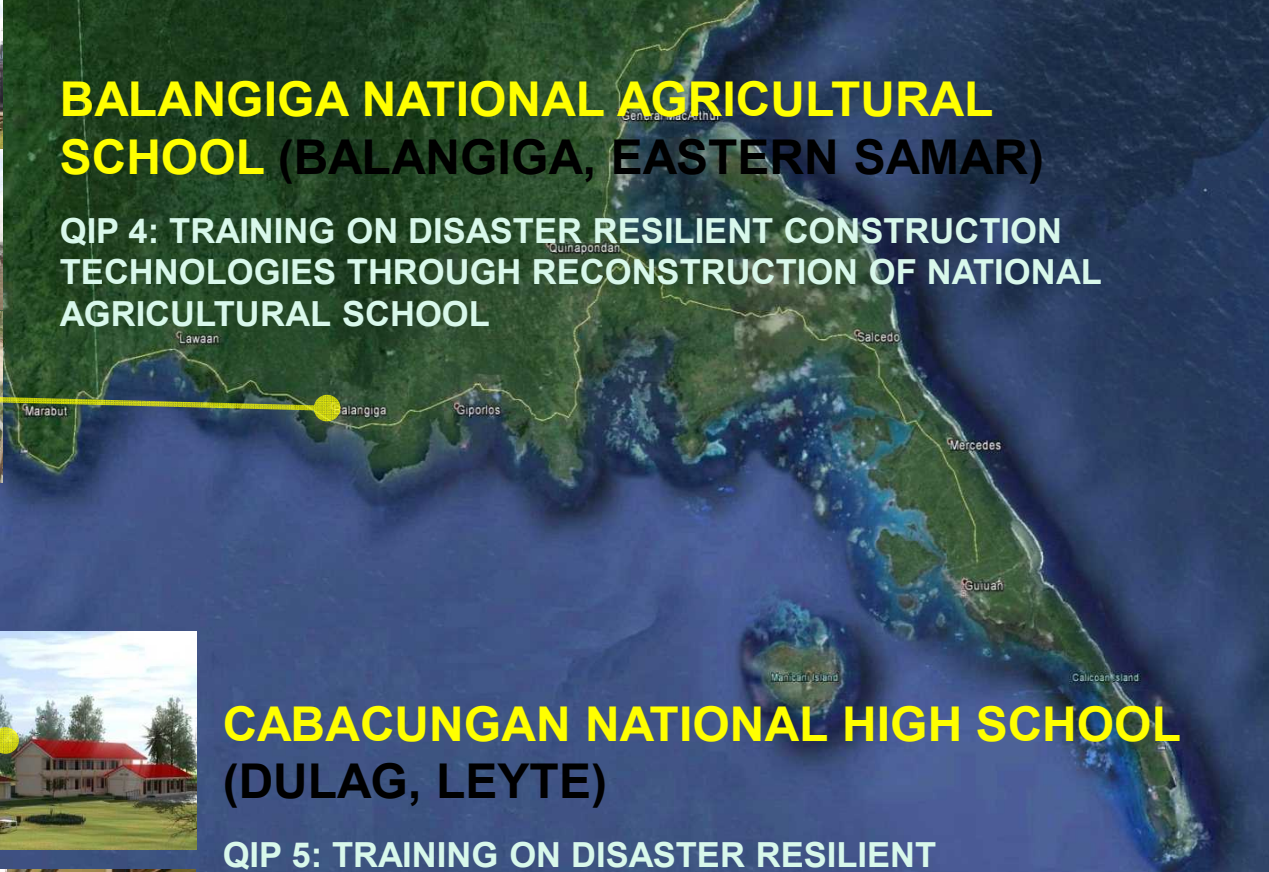
QIP 12: IMPROVING MUNICIPAL CAPACITY FOR DISASTER RESILIENT CONSTRUCTION MANAGEMENT THROUGH RECONSTRUCTION OF PUBLIC MARKET



1. TECHNOLOGY TRANSFER: RECONSTRUCTION OF RESILIENT FACILITIES

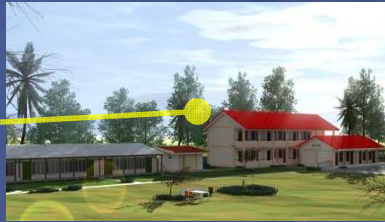
BALANGIGA NATIONAL AGRICULTURAL SCHOOL (BALANGIGA, EASTERN SAMAR)

QIP 4: TRAINING ON DISASTER RESILIENT CONSTRUCTION TECHNOLOGIES THROUGH RECONSTRUCTION OF NATIONAL AGRICULTURAL SCHOOL



CABACUNGAN NATIONAL HIGH SCHOOL (DULAG, LEYTE)

QIP 5: TRAINING ON DISASTER RESILIENT CONSTRUCTION TECHNOLOGIES THROUGH RECONSTRUCTION OF NATIONAL HIGH SCHOOL



Japan International Cooperation Agency

QUICK IMPACT PROJECTS

FOR REHABILITATION AND RECOVERY FROM TYPHOON YOLANDA


Google earth

1. TECHNOLOGY TRANSFER: RECONSTRUCTION OF RESILIENT FACILITIES



PROVINCIAL HEALTH OFFICE (PALO, LEYTE)

QIP 2: RECOVERY OF RURAL HEALTH SERVICE SUPPORT SYSTEM THROUGH RECONSTRUCTION OF PROVINCIAL HEALTH OFFICE



MULTI PURPOSE LIVELIHOOD CENTER (TOLOSA, LEYTE)

QIP 3: REGENERATING LOCAL LIVELIHOOD THROUGH PROCESSING OF AGRICULTURE AND FISHERY PRODUCTS BY SMALL – SCALE COMMUNITY GROUPS

Japan International Cooperation Agency

QUICK IMPACT PROJECTS

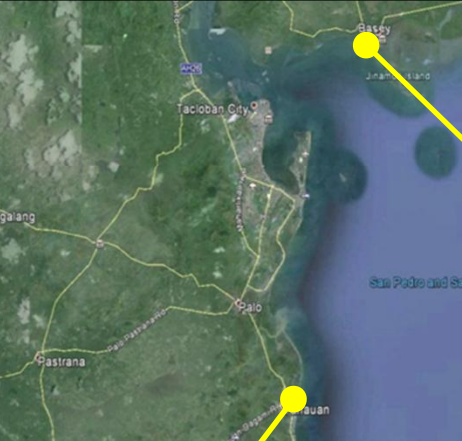
FOR REHABILITATION AND RECOVERY FROM TYPHOON YOLANDA

Google earth

2. RECOVERY OF LOCAL INDUSTRIES: RESILIENT TECHNOLOGY FOR FISH CULTURE

MILKFISH CULTURE WITH SUBMURGIBLE FISH CAGE (BASEY, SAMAR)

QIP 1: REGENERATING LIVELIHOOD THROUGH INTRODUCTION OF DISASTER RESILIENT SUBMERSIBLE FISH CAGE (MILK FISH)



MILKFISH & OYSTER CULTURE / PROCESSING (TANAUAN, LEYTE)

QIP 15: INTEGRATED CULTURE OF OYSTER AND MILKFISH IMPROVEMENT FOR SUSTAINABLE AQUACULTURE



LAPU-LAPU CULTURE WITH SUBMERGED FISH CAGE (GUIUAN, EASTERN SAMAR)

QIP 8: REGENERATING LIVELIHOOD THROUGH INTRODUCTION OF DISASTER RESILIENT SUBMERSIBLE FISH CAGE (LAPU - LAPU CULTURE)



3. SUPPORTING RECOVERY OF LIVELIHOOD ACTIVITIES

PROCESSING OF MILKFISH PRODUCED BY FISH CULTURE (BASEY, SAMAR)

QIP 1: REGENERATING LIVELIHOOD THROUGH INTRODUCTION OF DISASTER RESILIENT SUBMERSIBLE FISH CAGE (MILK FISH)



PRODUCTION OF COCO TRUNK CHARCOAL (MERCEDES, EASTERN SAMAR)

QIP 14: REGENERATING LIVELIHOOD THROUGH PRODUCTION OF COCO CHARCOAL



3. SUPPORTING RECOVERY OF LIVELIHOOD ACTIVITIES

PROCESSING OF MILKFISH AND OYSTER PRODUCED BY FISH CULTURE (TANAUAN, LEYTE)

QIP 15: INTEGRATED CULTURE OF OYSTER AND MILKFISH IMPROVEMENT FOR SUSTAINABLE AQUACULTURE



PRODUCTION OF LONGGANISA, EMBUTIDO, DEBONED BANGUS, VEGI-FISH NOODLES AND TOCINO (TOLOSA, LEYTE)

QIP 3: REGENERATING LOCAL LIVELIHOOD THROUGH PROCESSING OF AGRICULTURE AND FISHERY PRODUCTS BY SMALL – SCALE COMMUNITY GROUPS



SALES PROMOTION OF LOCAL PRODUCTS (ENTIRE STUDY AREA)

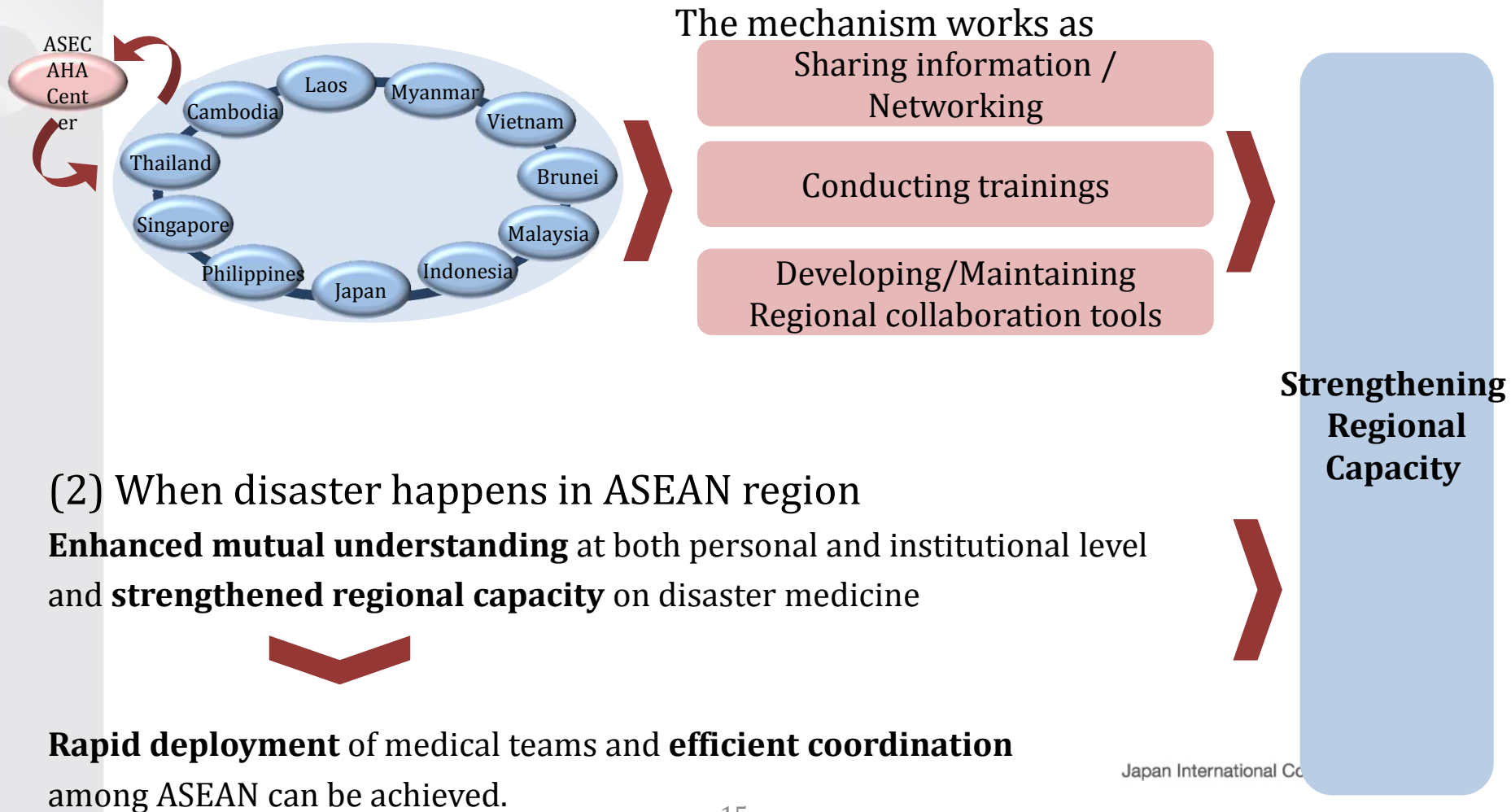
QIP 13: PROMOTION OF LOCAL PRODUCTS TO IMPROVE LIVELIHOODS FOR THE SURVIVORS OF TYPHOON YOLANDA



Case 3: Strengthening Disaster Health Management in ASEAN

How Does ASEAN Collaboration Mechanism Work?

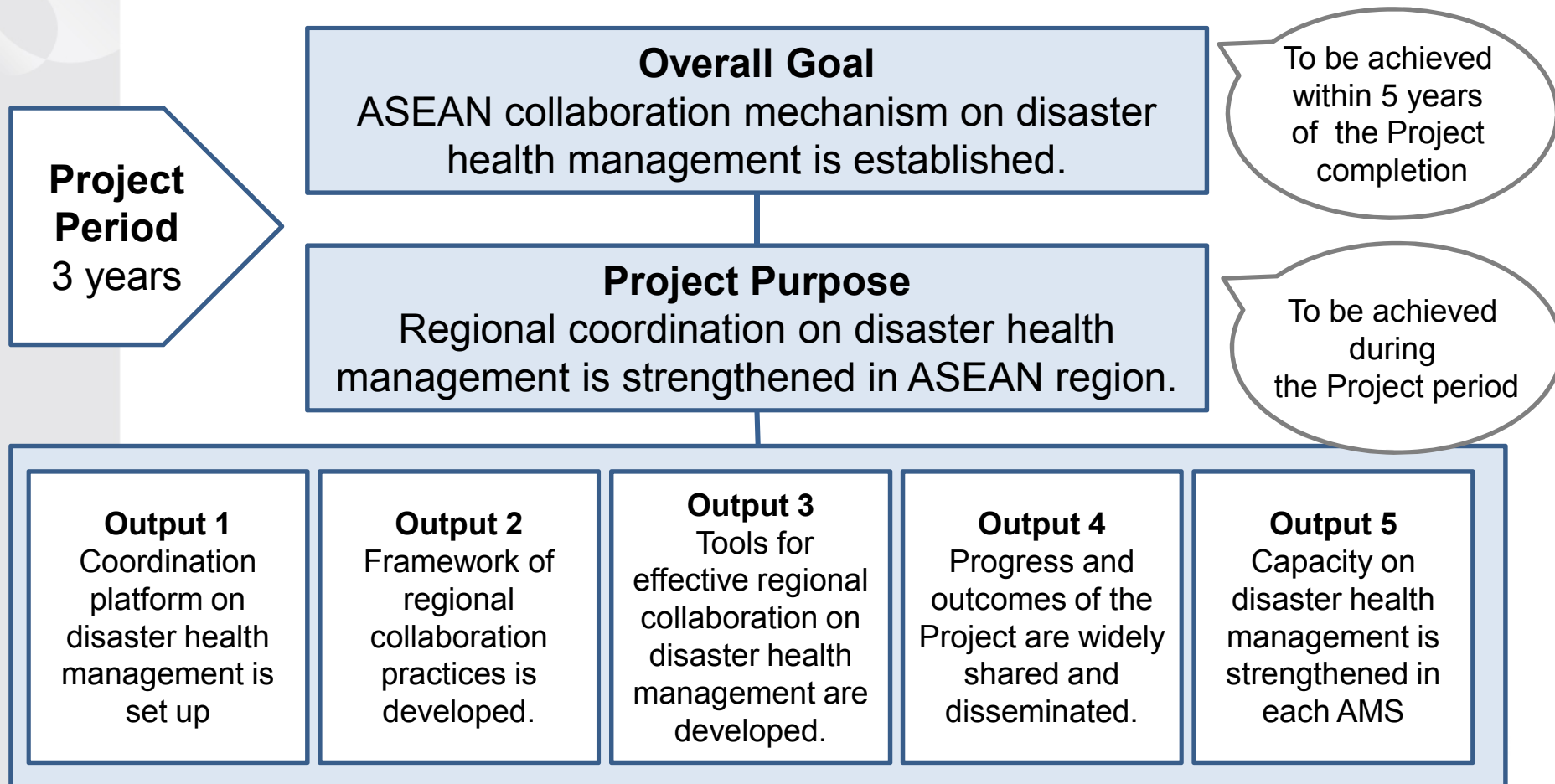
(1) Peace time



Case 3: Strengthening Disaster Health Management in ASEAN

JAPAN's Cooperation for Strengthening ASEAN Regional Capacity on Disaster Health Management

(Tentative Framework of the Project)



Case 3: Strengthening Disaster Health Management in ASEAN

Category	Sub-Category	Topics	Responsible agency
1. Operational capacity	Disaster medicine	Team management, equipment, security control, information management, logistics	Medical teams, MoH, Implementing Agency
	Needs assessment	Health needs assessment of the affected people .	TBD
	Emergency medical system (EMS)	Information/experiences sharing on patients transfer, system, first responder, equipment, hand over to hospital	MOH, Ministries / Agencies concerned
2. Human Resource	System for Human Resource Development	Development of curriculum, certification system, skills standard for medical personnel	MoH
3. Policy and System	National system of Disaster Medicine	System for executing the national disaster medicine legislation/regulation.	MoH
	Planning (preparedness)	1)Hospitals (safe hospital, MCI response capacity) 2)On site (team organizing)	Implementing Agency, MoH.
	Implementation system	Capacity development of implementing agency of disaster medicine	Implementing Agency, MoH.

Thank you very much for attention.

**For queries, please contact:
yuzurio.susumu@jica.go.jp**