



# Disaster Management – *Experience from 512 Sichuan Earthquake*

2013. 5. 14.

Ms Bonnie So  
Deputy Secretary General (Services)

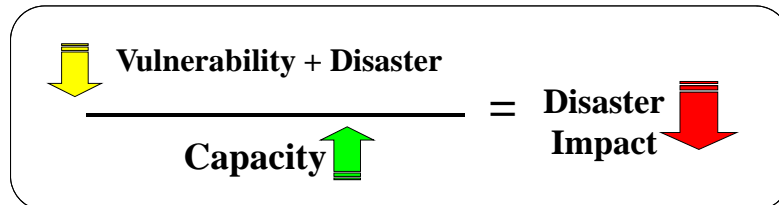


## What this presentation is about?

1. Disaster Management Cycle
2. Reflection on 3 areas:
  - Capacity Building
  - Working in Partnership
  - Backstage Support



## Disaster Management Formula

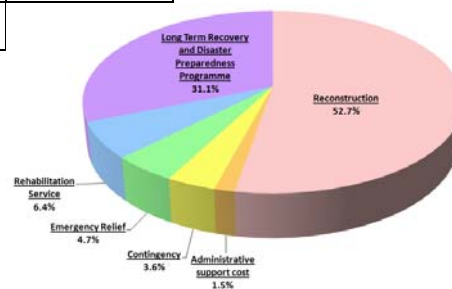


## Disaster Scale 香港紅十字會 HONG KONG RED CROSS

	Affected population	Death or missing	Injured
512 Earthquake	10 million	85,000	370,000
420 Earthquake	2 million	217	13,000



Fund Allocation	HK\$	%
Emergency relief	64,228,869	4.7%
Reconstruction	720,061,012	52.7%
Rehabilitation service	87,191,799	6.4%
Long term recovery and disaster preparedness	424,459,748	31.1%
Contingency	51,009,199	3.6%
Administrative support cost	20,475,192	1.5%
<b>Total</b>	<b>1,367,425,819</b>	



**512 Sichuan Earthquake Funding Allocation**

## Relief



Sign to receive the relief material in Sichuan (2013)



Distribution of Relief Material in Sichuan (2008)



## Relief – Registration Station in Ya'an



 香港紅十字會  
HONG KONG RED CROSS

## Relief – uncoordinated relief materials



 Quality Sustainable Service  
Relief · Recovery · Resilience  
International and Relief Service Strategic Plan 2011-2014

**Turtle jelly – Ya'an Earthquake 2013**

 香港紅十字會  
HONG KONG RED CROSS

## Relief – Medical Service



**Medical team in Beichuan (2008)**

**Medical team in Ya'an (2013)**

 Quality Sustainable Service  
Relief · Recovery · Resilience  
International and Relief Service Strategic Plan 2011-2014

## Relief – Water Supply in Ya'an



### Rehabilitation Service

 香港紅十字會  
HONG KONG RED CROSS

- **One-stop multi-disciplinary rehabilitation service**
  1. Medical service;
  2. prosthetic and orthotics service;
  3. physiotherapy;
  4. occupational therapy;
  5. psychological service;
  6. social rehabilitation service;
  7. temporary hostel
- **Support local professional development**
  - Professional training
- **Enhancement of local rehabilitation service**



 Quality  
Sustainable Service  
Relief · Recovery · Resilience  
International and Relief Service Strategic Plan 2011-2014

# Reconstruction

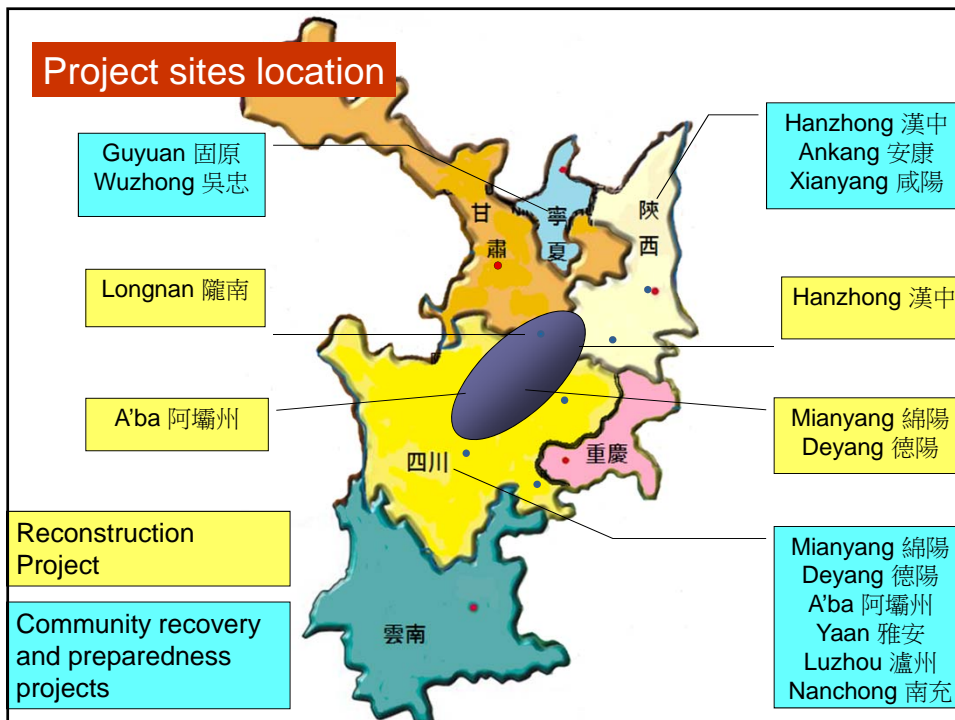


## 5.12 Sichuan Earthquake Reconstruction Projects

	Village Houses	Schools & Nursery	Village Clinics	Township Clinics	County Health Institutes	Elderly Home
<b>Sichuan</b>	10,288	19	151	18	4	1
<b>Shaanxi</b>	2,474	7	39	3	-	-
<b>Gansu</b>	1,816	8	67	5	-	-
<b>Total</b>	<b>14,578</b>	<b>34</b>	<b>257</b>	<b>26</b>	<b>4</b>	<b>1</b>



### Project sites location





**修建技术要点** 砖混结构农房修建技术要点

留直槎处应加设拉结钢筋，两种不同材质砌块不能混砌

应留置马牙槎而不是凸槎

抗震设防烈度为6度、7度地区的临时断处，当不能留斜槎时，除转角处外，可留直槎，但直槎必须做成凸槎。留直槎处应加设拉结钢筋，拉结钢筋的数量不应少于2Φ6，间距沿墙高不应超过500mm；对抗震设防烈度6度、7度的地区，埋入长度不应小于1000mm；末端应有90°弯钩，弯钩长度大于40mm。

斜槎

马牙槎

Briefing conducted for villagers in reconstruction process



# Community Recovery Projects 香港紅十字會 HONG KONG RED CROSS



Solar project



Irrigation facility

 Quality  
Sustainable Service  
Relief · Recovery · Resilience  
International and Relief Service Strategic Plan 2011-2014

## Community-based Disaster Risk Reduction Projects 香港紅十字會 HONG KONG RED CROSS

Facilitate community participation through participatory rural assessment



2011/05/05 08:35 PM



25/08/2011



香港紅十字會  
HONG KONG RED CROSS




Community participation in  
Community Disaster  
Preparedness Committee



Enhance community  
preparedness capacity  
through community  
education activities




Quality  
Sustainable Service  
Relief · Recovery · Resilience  
International and Relief Service Strategic Plan 2011-2014



香港紅十字會  
HONG KONG RED CROSS

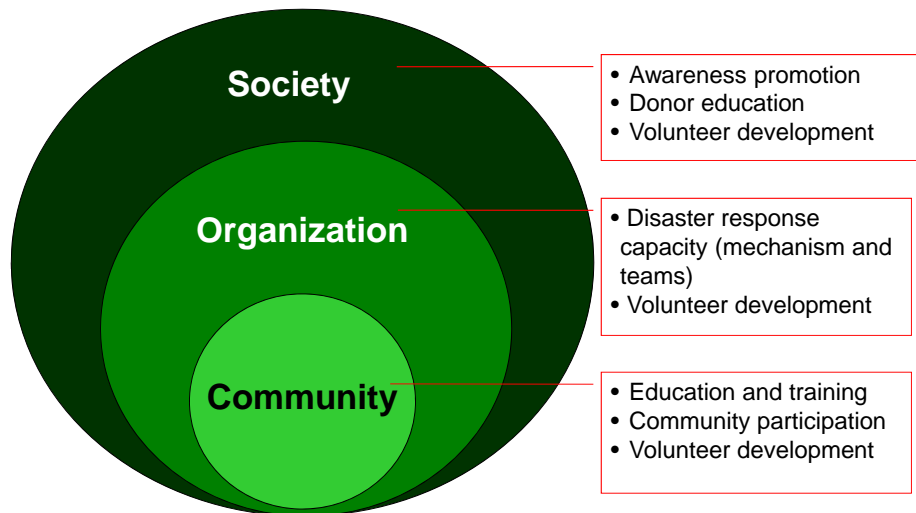
## Reflection

1. Capacity Building in all levels
2. Working in Partnership
3. The importance of Backstage Support



Quality  
Sustainable Service  
Relief · Recovery · Resilience  
International and Relief Service Strategic Plan 2011-2014

## Enhance disaster preparedness and response capacity



## Working in Partnership



- Partnership in the field
  - Local Red Cross partnership
  - Local agencies, e.g. hospitals, Disabled Persons' Federation
- Partnership with professional groups / institutes
  - PolyU, Hong Kong Society for Rehabilitation, Hong Kong Psychological Society Clinical Psychology Division
  - Professional volunteers: doctors, nurses, engineers, etc.

# Working in Partnership



- Need to work in partnership
  - Local partnership provides platform for operation
  - Mega disaster presents new challenges, e.g. rehabilitation services
  - Size of operation requires immediate additional manpower
  
- Benefits from working in partnership
  - Synergy achieved with partners contributing strength
  - Extension of service scope



Volunteer PolyU  
HKSR HKPS



## Backstage Support



- Overseas Emergency Response Mechanism (Corporate Level)
  - Assessment, DM operation, Personnel Deployment, Donation Handling, Media Handling, Internal Communication, Public Education, Tracing Service, Psychological Support, etc.
  
- Internal Process Review



## What this presentation is about?



1. Disaster Management Cycle
  
2. Reflection on 3 areas:
  - Capacity Building
  - Working in Partnership
  - Backstage Support





**THANK YOU**

