



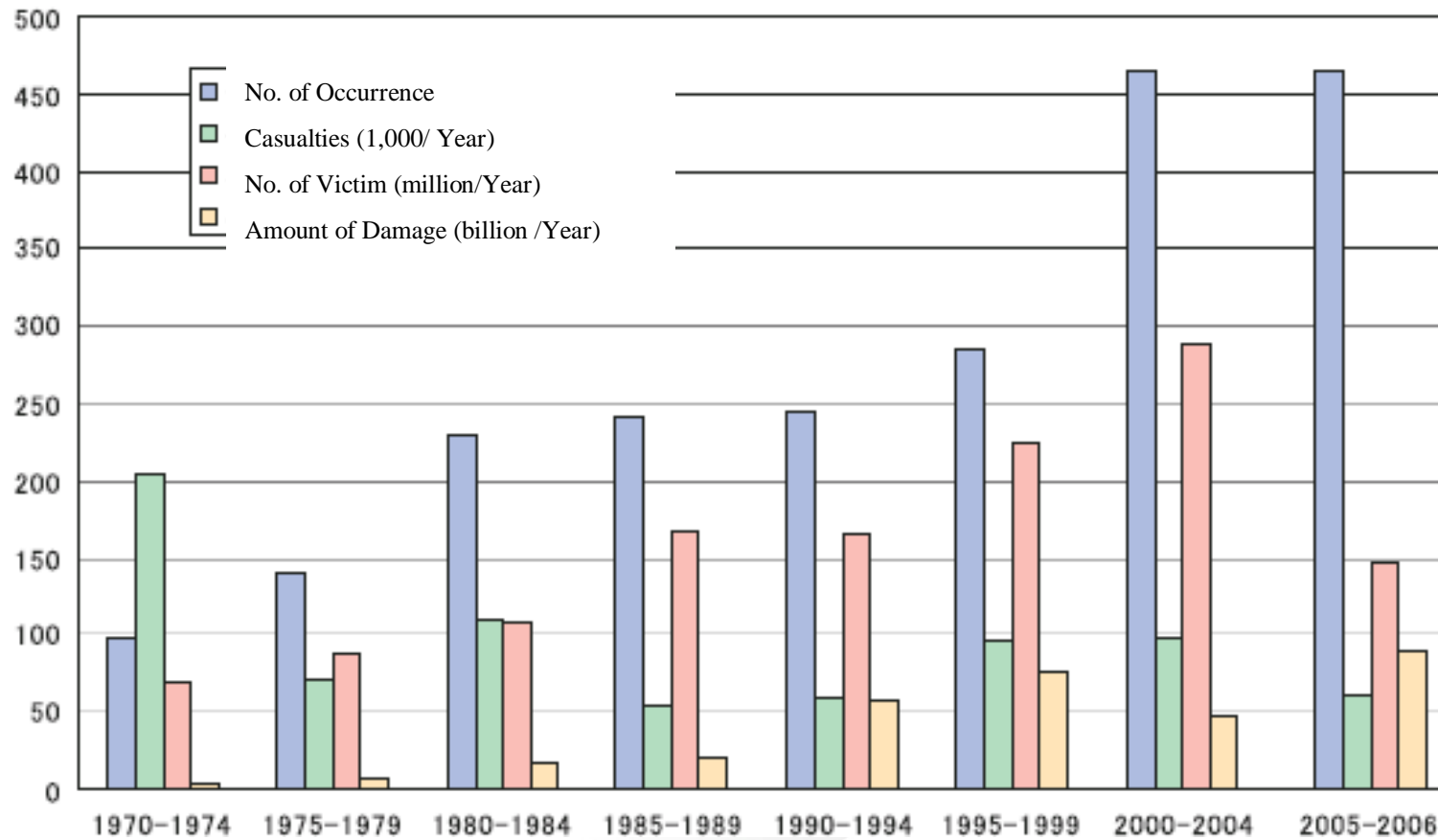
JICA's Policy in Disaster Risk Reduction to ASEAN Countries

Satoru Mimura

Director Disaster Management Division I
Water Resources and Disaster management Group,
Global Environment Department,
Japan International Cooperation Agency (JICA)

Trend of Natural Disaster

Trend of Natural Disaster in the World (Average / Year)



(Source: Disaster Prevention White Paper 2008)



Hyogo Framework for Action 2005-2015

Building the Resilience of Nations and Communities to Disasters

Strategic Goals :

- (a) The more effective **integration of disaster risk considerations into sustainable development policies, planning and programming** at all levels, with a special emphasis on disaster prevention, mitigation, preparedness and vulnerability reduction;
- (b) The development and strengthening of institutions, mechanisms and capacities at all levels, **in particular at the community level**, that can systematically contribute to building resilience to hazards;
- (c) The systematic incorporation of **risk-reduction approaches into the design and implementation** of emergency preparedness, response and recovery programs **in the reconstruction of affected communities**.



Hyogo Framework of Action 2005-2015

Priorities for Action:

1. Ensure that disaster risk reduction is a national and a local priority with a strong institutional basis for implementation.
2. Identify, assess and monitor disaster risks and enhance early warning.
3. Use knowledge, innovation and education to build a culture of safety and resilience at all levels.
4. Reduce the underlying risk factors.
5. Strengthen disaster preparedness for effective response at all levels.



Initiative for Disaster Reduction through ODA

- Raising the priority attached to disaster reduction
- **Perspective of human security**
- Importance of assistance regarding software
- Mobilization of Japan's experience, expertise and technology
- **Cooperation corresponding to each phase of disaster**



JICA Thematic Guideline on Disaster Management and Disaster Management Cycle

**Development Strategy Goal 1:
Development of disaster resilient communities and societies**

**Preparedness
/Mitigation**



**Emergency
Response/Relief**

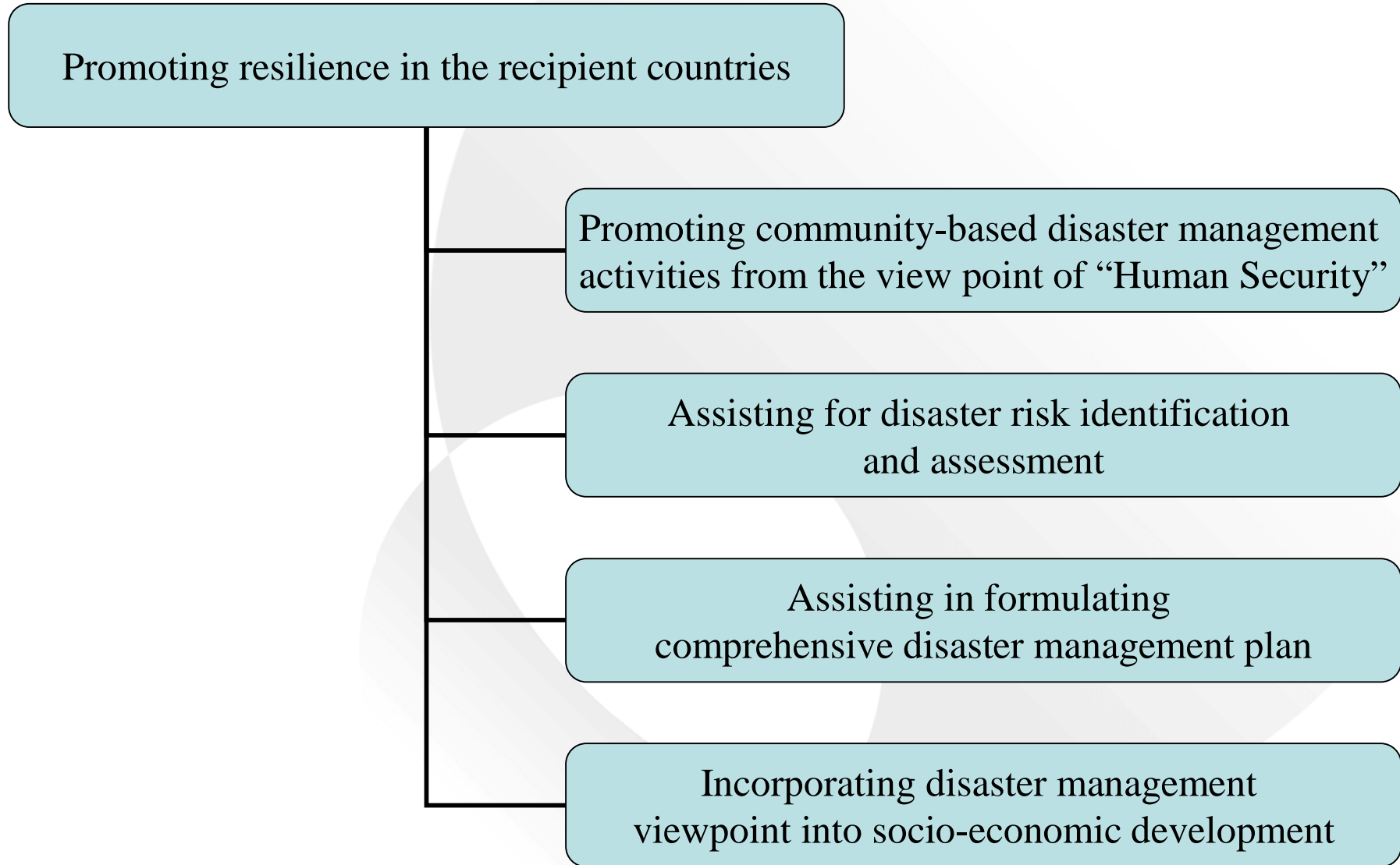
**Recovery
/Reconstruction**

**Development Strategy Goal 2:
Quick and effective delivery of emergency
assistance to victims**

**Development Strategy Goal 3:
Smooth transition to and implementation of recovery
and reconstruction**



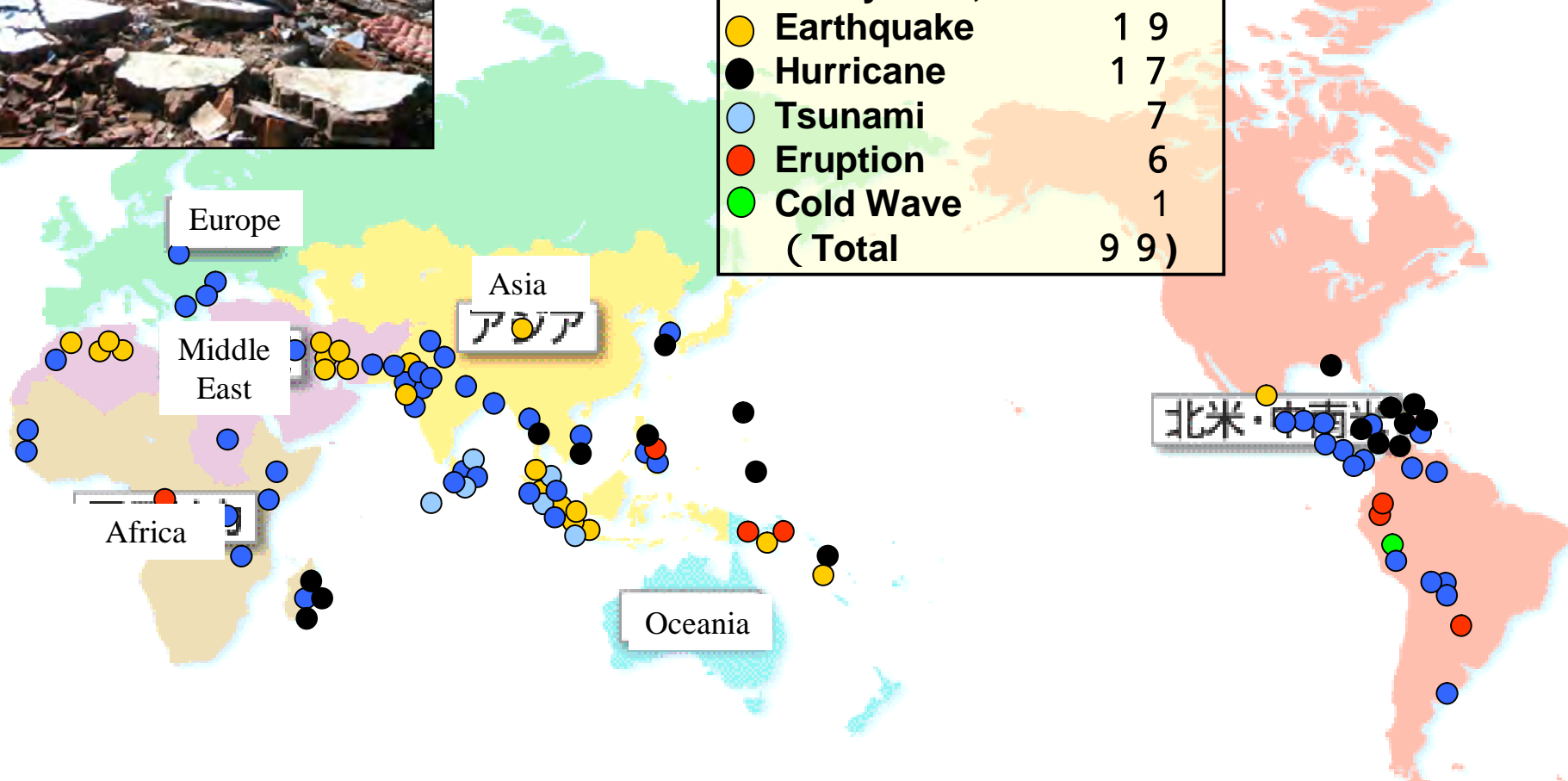
JICA's approach to DRR



Large Scale Disaster (2002 ~ 2006, Victims > 1,000)



● Heavy Rain, Flood	49
● Earthquake	19
● Hurricane	17
● Tsunami	7
● Eruption	6
● Cold Wave	1
(Total	99)





Project Conducted by JICA (some examples)

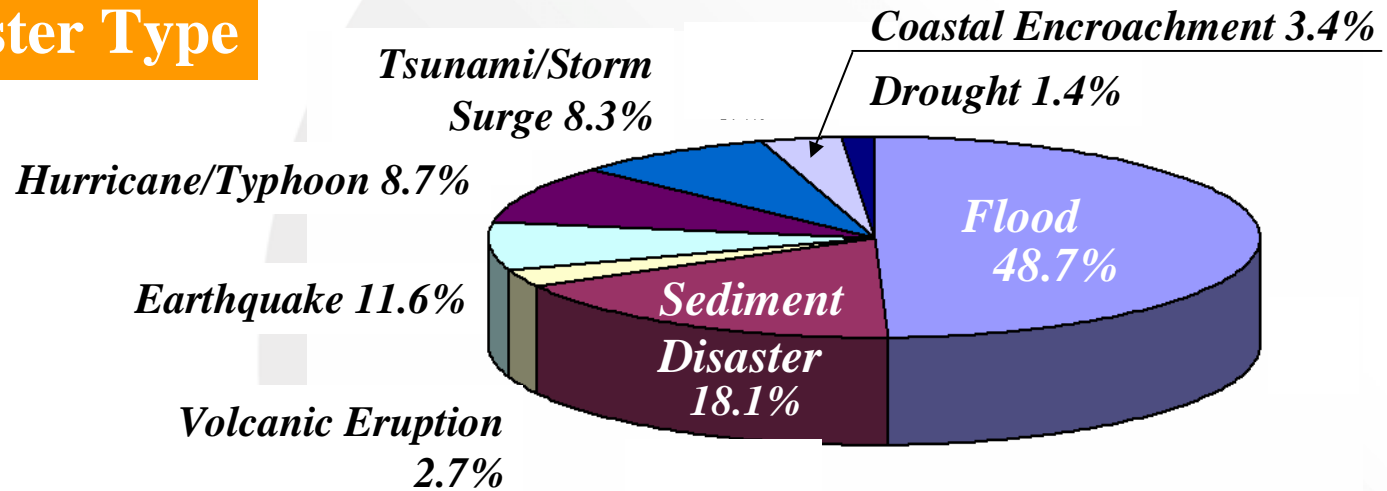


(OJT on Earthquake-resistant Building)

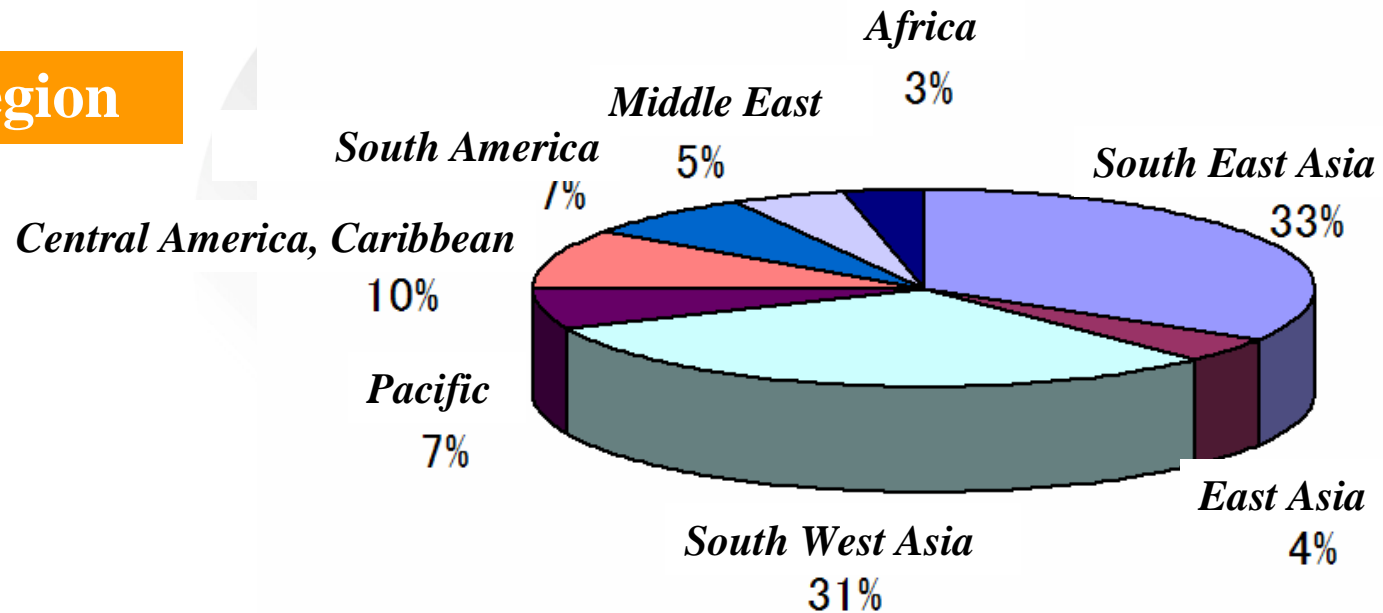


JICA's Disaster Management Assistance

Disaster Type



Region



Preparedness/Mitigation

**Capacity development for disaster management
- national government, local government
and community**



<Thailand>

**Training of disaster management
for local organization**



**< Thailand >
Evacuation drill**

Preparedness/Mitigation

Monitoring and early warning systems



**<Philippines>
Earthquake and Volcano
Monitoring System**



**<Pakistan>
Setting up
Monitoring Equipment
for Landslide**



**<Fiji>
Construction of
Seismological observatory
Network**



Emergency response /Relief

Emergency Disaster Relief Team



<Pakistan>

Rescue & Relief after the earthquake



<Algeria>

Rescue & Relief after the earthquake 13



Emergency response /Relief

Support for healthcare service to the victims effectively



**<Indonesia>
Medical service after the
earthquake**



**<Indonesia>
Provision of tent and medical
supplies**



Rehabilitation/Reconstruction

Smooth transition to and implementation of recovery and reconstruction

**<Indonesia>
Needs Assessment Study
for rehabilitation and
reconstruction**



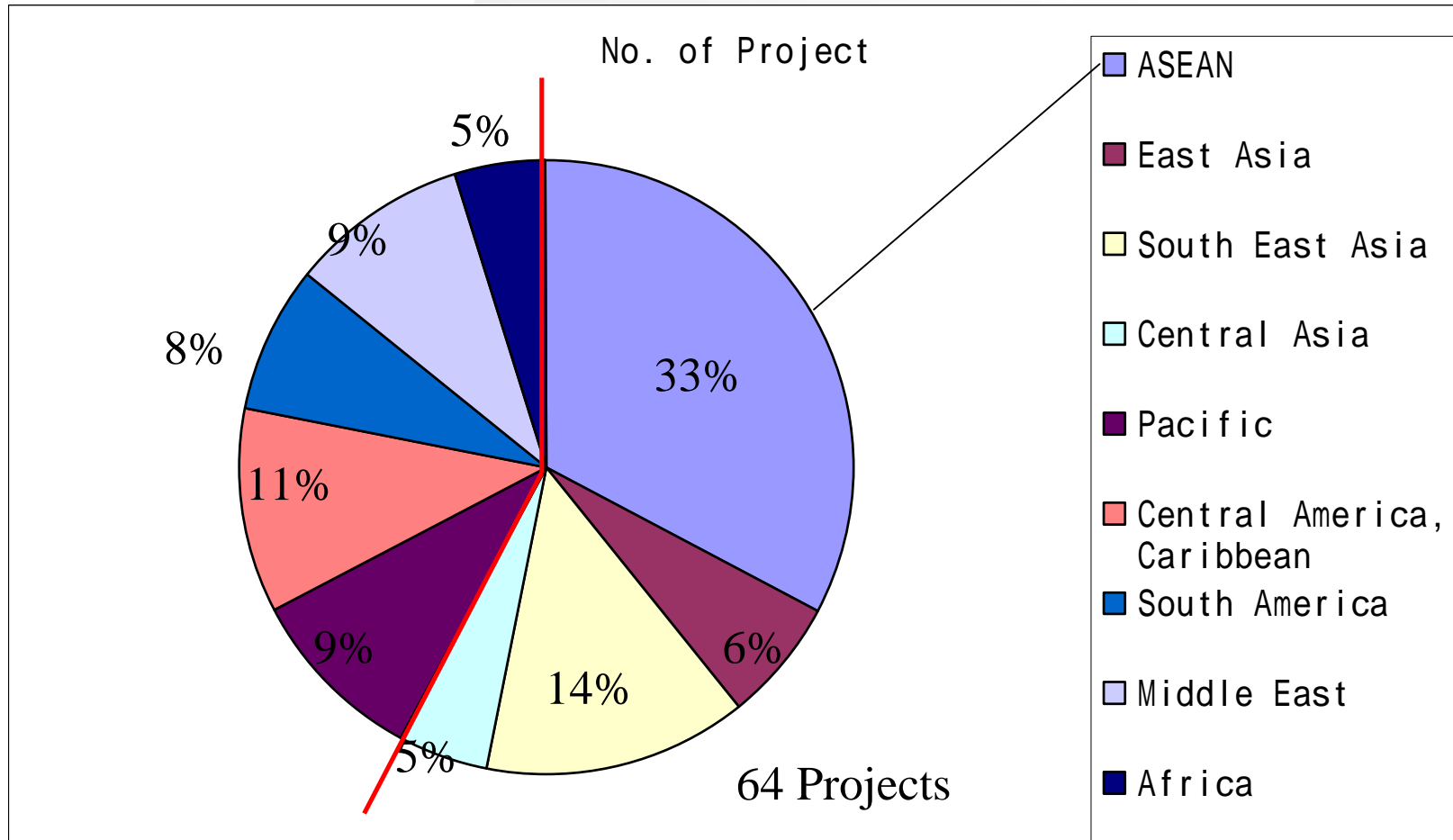
**<Sri Lanka>
Training on Food
Processing
for Income Generation**



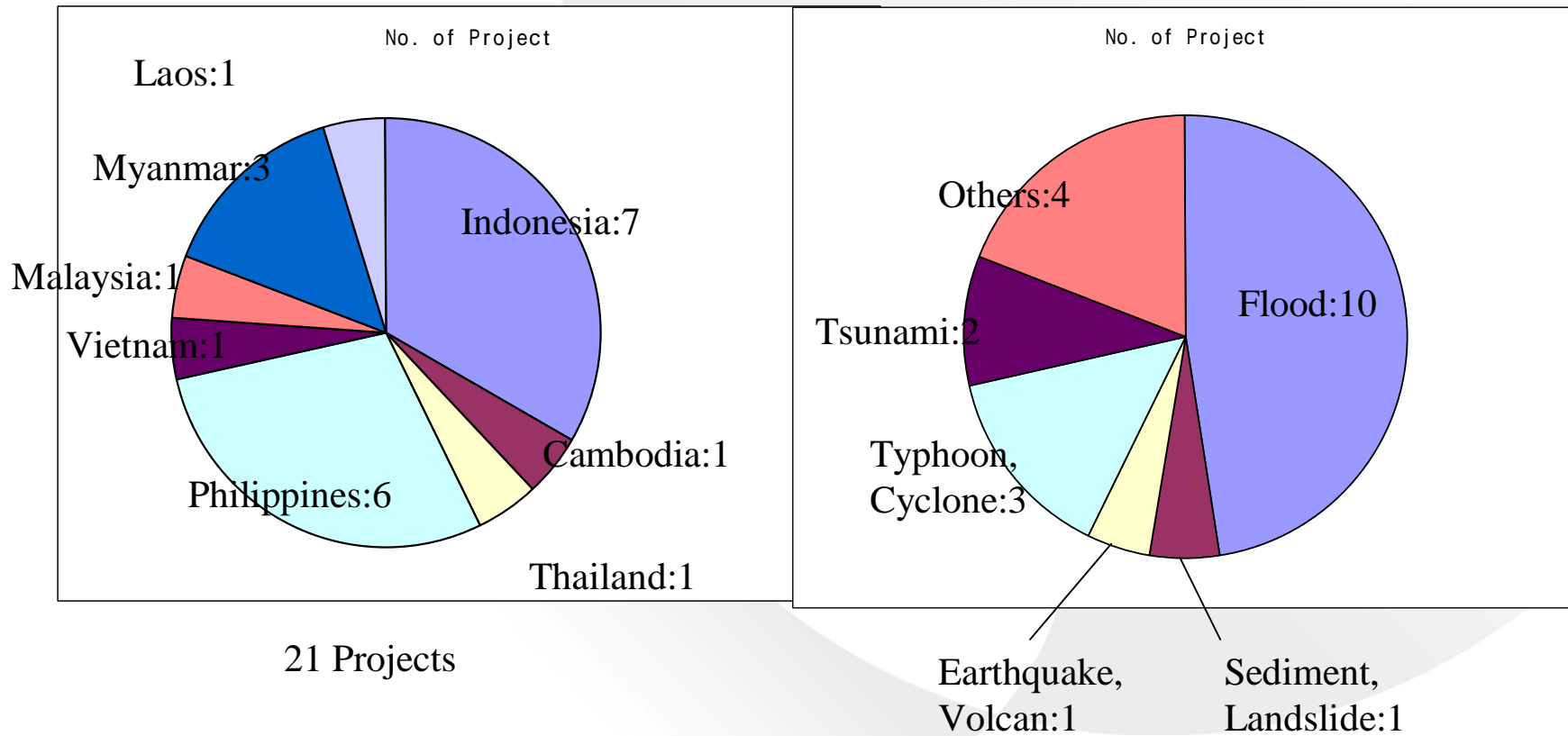
**<Indonesia>
Establishment of
Technical Service
Post
for Earthquake
Victims**



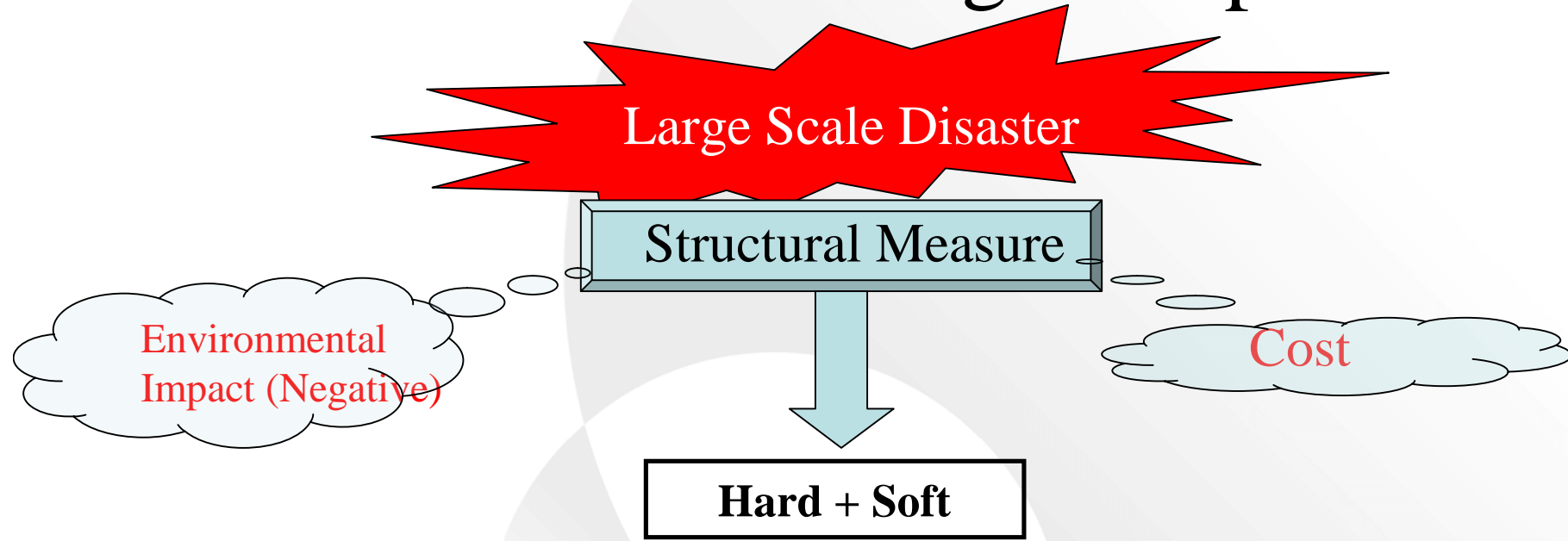
On going projects



On going projects in ASEAN countries



Disaster Management as Climate Change Adaptation



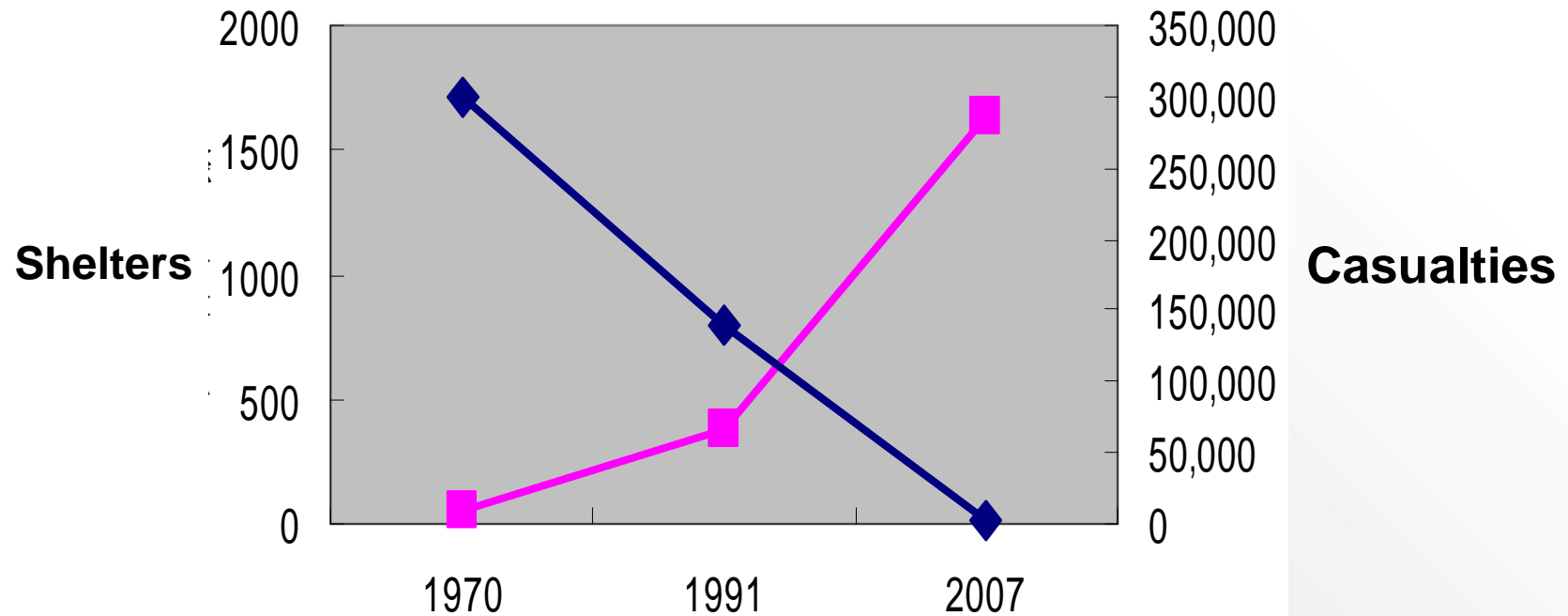
Non Structural Measures



Traditional River Works Method



How can we measure effectiveness of Disaster Management Projects?



	1970	1991	2007
Shelter*	51	383	1637
Radar	0	1	4



Thank you for your attention.



Village hit by NARGIS in Myanmar



A baby born after 6 days of NARGIS hit



ASEAN Cooperation on Disaster Management

*Ms. Adelina Kamal, Head of Disaster
Management and Humanitarian Assistance
Division, ASEAN Secretariat*



ASSOCIATION OF SOUTHEAST ASIAN NATIONS



Street of Siem Reap, Cambodia after the high wind of 19 May 2004.

- Vision
- Evolution
- Challenges

- Network
- Framework
- Tools

- Recent Milestone
- Upcoming Activities

Scope of Presentation



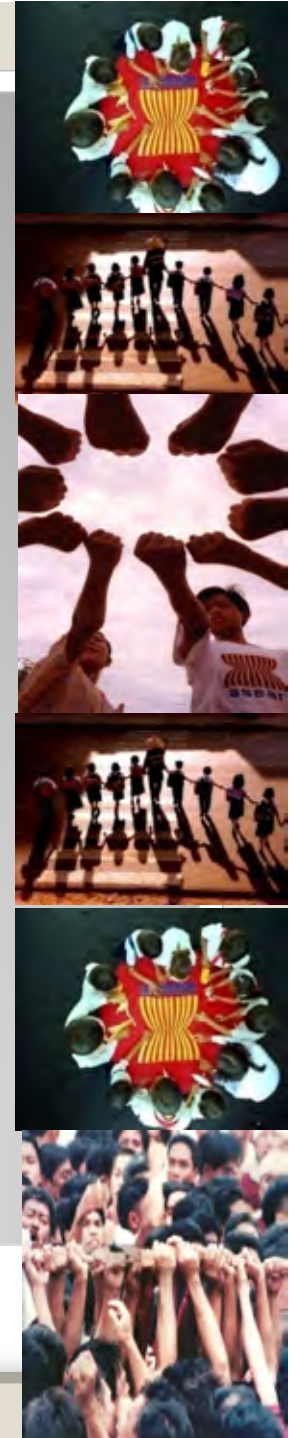
The Vision



Branch of Streets, Rabhine State after the high wind of 19 Mar 2004.

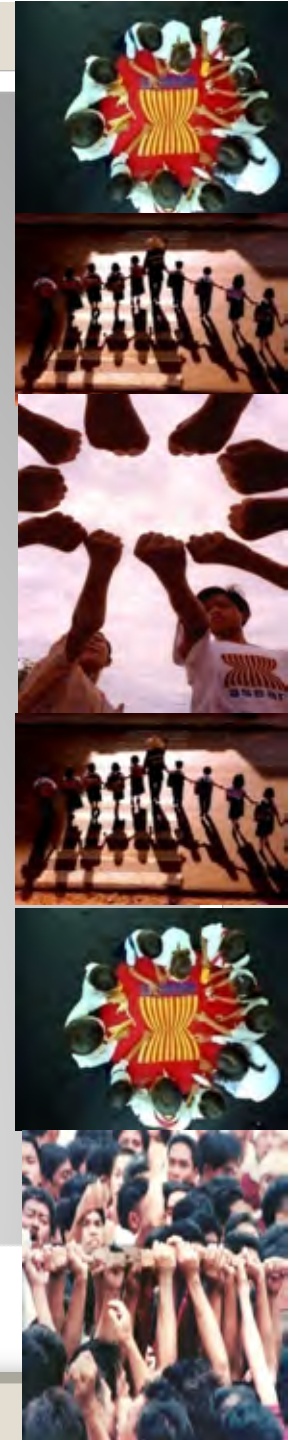
Vision

- **Vision 2020** – a concert of Southeast Asian nations, outward looking, living in peace, stability and prosperity, bonded together in partnership in dynamic development and in a community of caring societies
- **Building of an ASEAN Community** – three pillars (political security, economic community and socio-cultural community)
- **Accelerating Community Building** – to 2015



Vision

- **ASEAN Charter** – enhancing regional resilience, people-centred ASEAN, centrality and proactive role of ASEAN, respond effectively to all forms of threats, with the principle of comprehensive security
- **ASEAN Socio-Cultural Community Blueprint** – disaster resilient and safer nations by the year 2015





The Evolution



Branch of Streets, Rabhine State after the high wind of 19 Mar 2004.

40-Year Evolution

- One of the **founding principles** for over 4 decades
- Momentum created and **sustained** since 2003
- Major disasters (Indian Ocean tsunami, cyclone Nargis) provided critical momentum



*8 August Declaration
of 1967 in Bangkok*



40-year evolution

71 (ACOAND)

1st Mtg -- combined ops



67

ASEAN Declaration

76

ASEAN Declaration On Disaster



79 (AEND)

3rd Mtg Experts on Natural Disasters



93 (AEGDM)

8th Mtg Experts on Disaster Management



03

(ACDM)



ARPD launch May 04



Indian Ocean Tsunami Dec 04



AADMER July 05



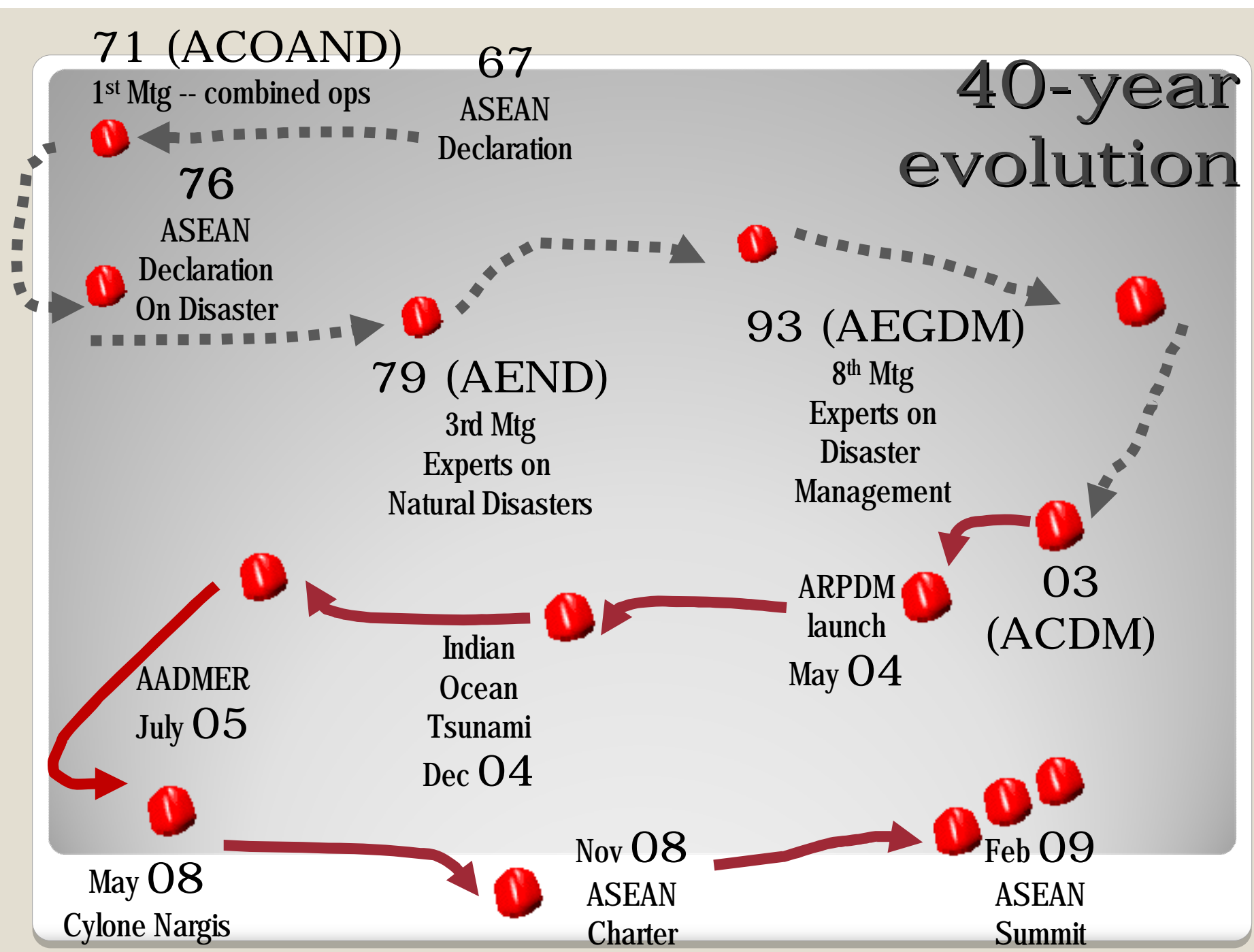
May 08 Cylone Nargis



Nov 08 ASEAN Charter



Feb 09 ASEAN Summit





The Challenges



Debris of Streets, Rabhine State after the high wind of 19 Mar 2004.

Challenges

- Disasters remain a major challenge to achieve a disaster-resilient & safer community by 2015
- Natural hazards abound: typhoon, flood, landslide, earthquake, tsunami, volcanic eruption, drought, etc.
- Poverty, a vulnerability condition, prevails
- Fast growing population, increasing population densities, urbanisation, environmental degradation and pollution increase disaster



Street of Siem Reap, Cambodia after the high wind of 19 May 2004.



The Challenges

Maintaining the **momentum** generated by the recent disasters ||  *reduce risks, get prepared, respond better*



Beach of Sitiroto, Rakhine State after the high wind of 19 Mar 2004.





The Network



Branch of Streets, Rabhine State after the high wind of 19 Mar 2004.

ASEAN Committee on Disaster Management



National Disaster Management Centre,
Ministry of Home Affairs,
Brunei Darussalam

Current Chair



National Committee for Disaster Management,
Cambodia



National Agency for Disaster Management (BNPB), Indonesia



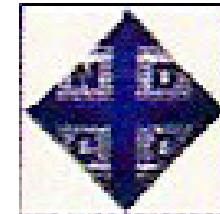
National Disaster Management Office,
Ministry of Labour and Social Welfare, Lao PDR



National Security Division,
Prime Minister's Department, Malaysia



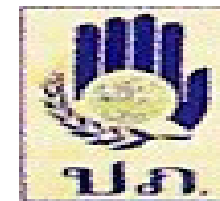
Relief and Resettlement Department, Ministry of Social Welfare, Relief and Resettlement, Myanmar



National Disaster Coordinating Council, Philippines



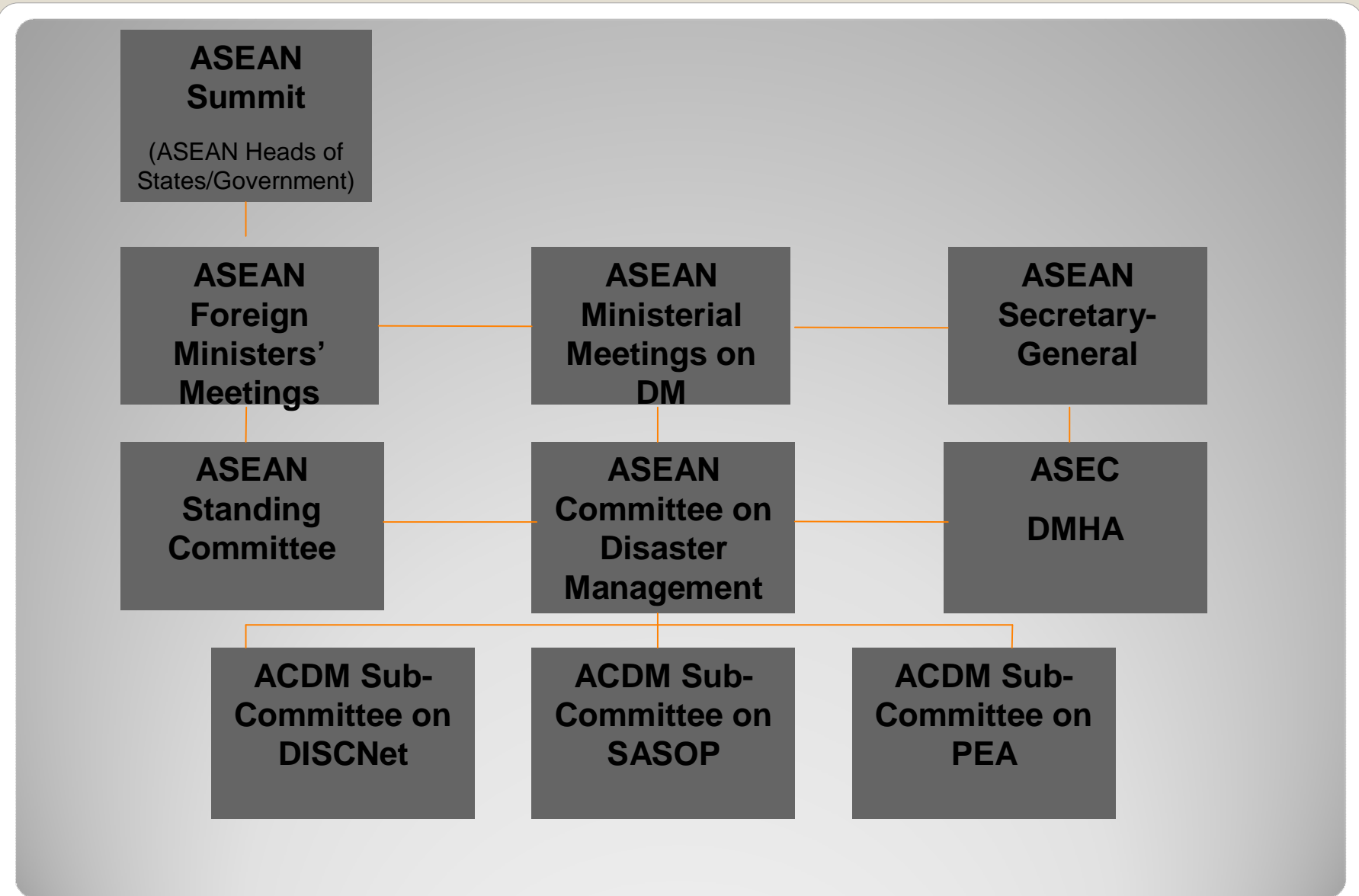
Singapore Civil Defence Force, Ministry of Home Affairs, Singapore



Department of Disaster Prevention and Mitigation, Ministry of Interior, Thailand



Central Committee of Flood and Storm Control, Viet Nam



Institutional Arrangement



The Framework



Street of Sirocco, Rabhine State after the high wind of 19 Mar 2004.

Programme Framework

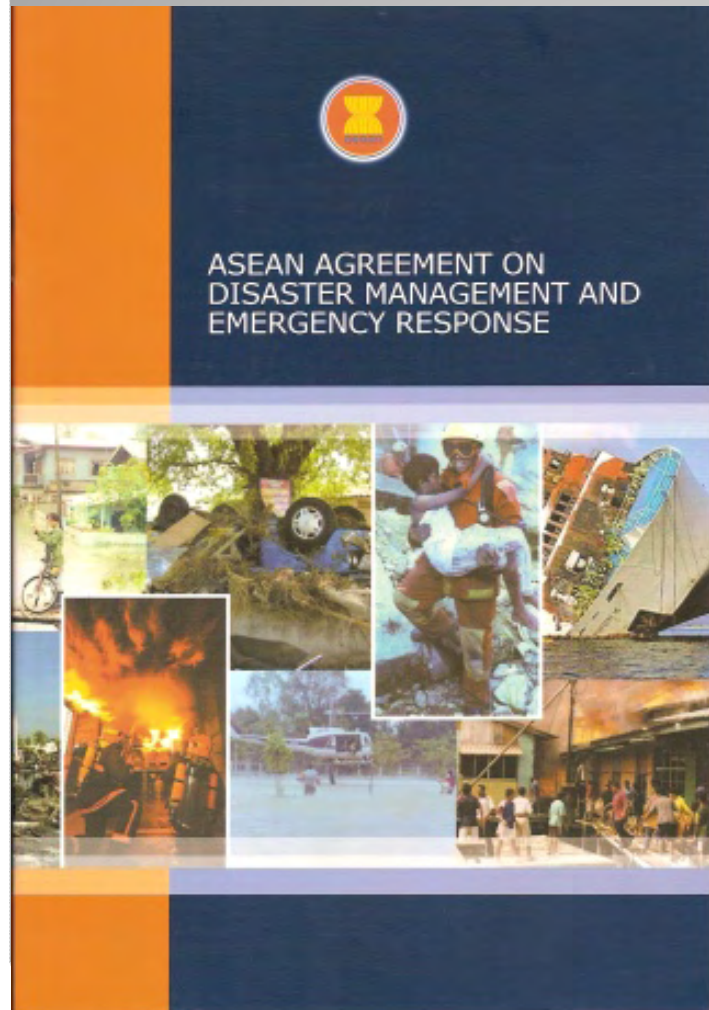
ASEAN REGIONAL PROGRAMME ON DISASTER MANAGEMENT (ARPD)

Launched in Bali, Indonesia, in May 2004, ARPD outlines five regional priorities:

- 1. Establishment of ASEAN Regional Disaster Management Framework**
- 2. Capacity Building**
- 3. Sharing of Information and Resources**
- 4. Promoting Collaboration and Strengthening Partnerships**
- 5. Public Education, Awareness and Advocacy**



Legal Framework



- ASEAN Agreement on Disaster Management and Emergency Response (AADMER)
- Initiated in mid 04, mandate given 3 weeks before tsunami
- Draft negotiated in 05 within 4 months
- Signed by Foreign Ministers of ASEAN on 26 July 2005 in Vientiane, Lao PDR
- Ratification underway (2 more to go)
- Will be the first ever HFA-related binding instrument in the world

ASEAN Agreement on Disaster Management and Emergency Response

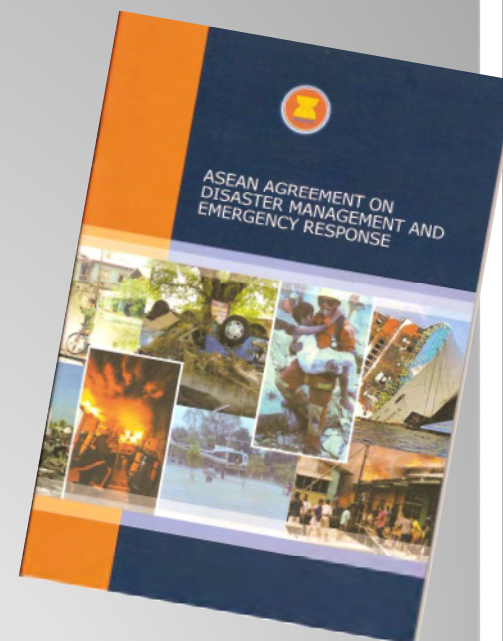
Objective: To provide effective mechanisms to achieve substantial reduction of disaster losses in lives and in the social, economic and environmental assets of the Parties, and to jointly respond to disaster emergencies through concerted national efforts and intensified regional and international cooperation

(Article 2)

AADMER

ASEAN Agreement on Disaster Management and Emergency Response

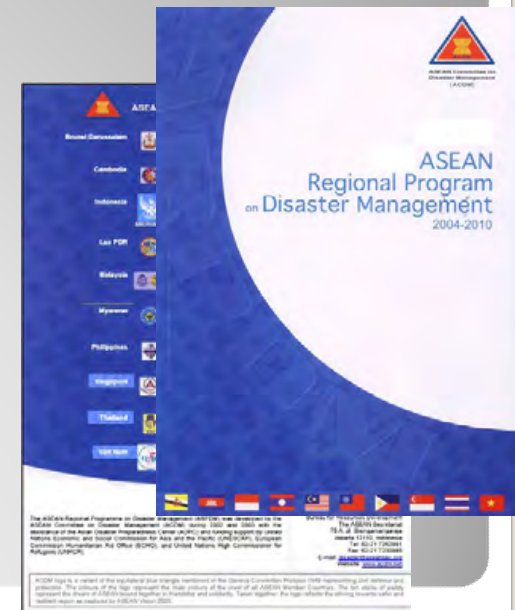
- Disaster Risk Identification, Assessment & Monitoring
- Disaster Prevention & Mitigation
- Disaster Preparedness
- Emergency Response
- Rehabilitation
- Technical Cooperation & Scientific Research
- AHA Centre - TOR



*Signed by ASEAN
Foreign Ministers at
Vientiane, Lao PDR, on
26 July 2005*

Programme Review

- Reviewing the progress since the last five years (i.e. 2003 onwards)
- Alignment with AADMER and HFA priorities for action
- Include new or emerging issues



Bali, 18 – 22 May 09

- ASEAN-UNISDR-WB Joint Forum on DRR
- Visioning Workshop on AADMER Implementation

Outputs:

- AADMER Work Plan
- Partnership Strategy

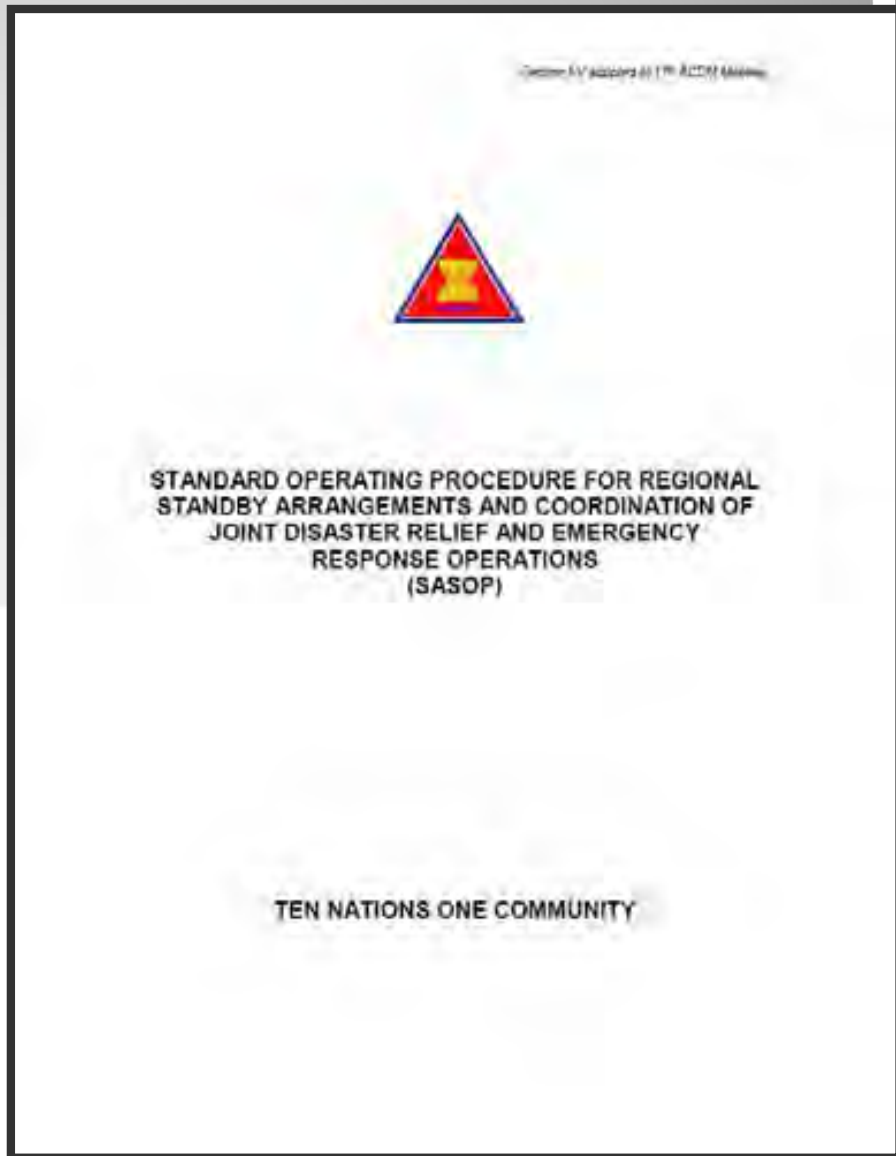


The Tools

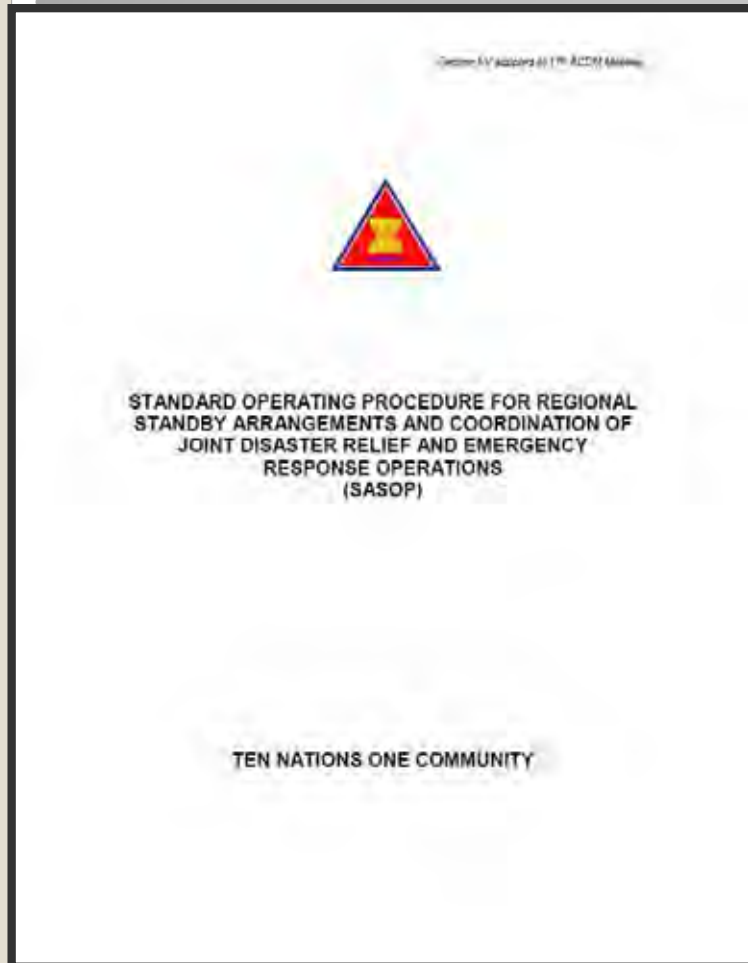


Debris of Streets, Rabhine State after the high wind of 19 Mar 2004.

**SOP for Regional
Standby
Arrangements and
Coordination of
Joint Disaster Relief
and Emergency
Response
Operations
(SASOP)**



ASEAN SASOP



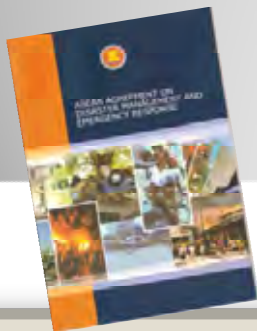
**Sections I – V adopted at 11
ACDM Meeting, March 08; Section
VI & VII being developed**

Contents

- ✓ Disaster Preparedness
- ✓ Assessment & Monitoring
- ✓ Emergency Response
- Facilitation & Utilisation of Military & Civilian Assets & Capacities (being developed)
- Deployment of ASEAN-Emergency Rapid Assessment Team (ERAT)
- ✓ Annexes (of Templates and Forms)

ASEAN Regional Disaster Emergency Response Simulation Exercise (ARDEX)

- Annual conduct of ARDEX to enhance Member Countries' capabilities in joint disaster relief and emergency operations
- Lessons learnt serve as inputs for review, and enhancement for the ASEAN SASOP



Article 8.3.c

.... conduct training and exercises to attain and maintain the relevance and applicability of the Standard Operating Procedures

ARDEX-05 Malaysia

Collapsed Structure Disaster Scenario



Testing mobilisation of cross-border assistance and deployment of urban search and rescue capacities, participated by Brunei Darussalam, Malaysia and Singapore, others as referees

ARDEX-06 Cambodia

Flood Disaster Scenario



- ***Over 2,000 participants and observers; and air, land and water equipment from Cambodia and 6 other ASEAN Member Countries (Brunei D, Indonesia, Malaysia, Philippines, Singapore, Thailand)***
- ***Involved both civilian and military assets and personnel***

ARDEX-07 Singapore

Massive Collapse of Structures



Communication Exercise



Arrival of Teams



SAR Operations

- *Testing AHA Centre; Mobilisation of personnel and assets via sea, land and air checkpoints, involving participating teams from Singapore and other 5 ASEAN Member Countries (Brunei D, Indonesia, Malaysia, Philippines, Thailand), UN system and Red Cross*

ARDEX-08 Thailand

Typhoon, technological disaster (chemical fire)



Communications Exercise



Arrival of Teams



Fire Fighting

- *Testing AHA Centre; Mobilisation of personnel and assets air checkpoints, involving participating teams from Thailand and other 5 ASEAN Member Countries (Brunei D, Cambodia, Malaysia, Philippines, Singapore), UN system and Red Cross; additional components on camp management & joint assessment*

ARDEX-09 Philippines

Volcanic Eruption



- Testing AHA Centre; mobilisation of personnel and assets, involving participating teams from Philippines and other ASEAN Member Countries, UN system and Red Cross; **camp management and protection, testing ASEAN-ERAT deployment procedure, additional component on the use of military and civilian assets - *Pre-ARDEX-09 activities have started!***

ASEAN-Emergency Rapid Assessment Team (ERAT)



ASEAN-HFA Regional Capacity Development in Disaster Response and Preparedness

A three-year regional capacity development programme:



Training Needs Assessment, 06



Exercise Design Workshop, 07

- Training Needs Assessment, Dec 06
- ASEAN Exercise Design Workshop, early 07 and 09
- ASEAN Training of Facilitators in Contingency Planning, mid 07
- Training on Emergency Logistics Management, May 08
- Training on Damage and Needs Assessment, Oct 08
- International ASEAN Exchange Programme, 07 – 09 (ongoing)



**ASEAN Coordinating Centre for
Humanitarian Assistance on disaster
management
(AHA Centre)**
- the operational arm



AHA Centre – the Operational Arm

AHA Centre shall facilitate cooperation and coordination among the Parties, and with relevant UN and international organisations, in promoting regional collaboration (*Article 20.1*)

AHA Centre shall work on the basis that the Party will act first to manage and respond to disasters, and that in the event that the Party requires assistance to cope with such a situation, in addition to direct request to any Assisting Entity, it may seek assistance from the **AHA Centre** to facilitate such request (*Article 20.2*)

ASEAN Disaster Information Sharing and Communication Network



**Front page of OSADI website,
version 1.0**

ASEAN DiscNet:

- www.acdm-online.net :ACDM Online
- *Bridging the ICT gaps in ASEAN countries*
- *Online Southeast Asia Disaster Inventory (OSADI)*
- *Online Southeast Asia Disaster Map*

Public Education and Awareness

Each Party shall undertake measures to reduce losses from disasters which include promoting public awareness and education and strengthening community participation

(Article 6.2.c)



*Every second Wednesday of October, ASEAN and UNISDR jointly observes the **ASEAN Day for Disaster Management** and the International Day for Disaster Risk Reduction with a regional event in Bangkok, Thailand, and awareness-raising and advocacy activities at country level*

Pandemic Preparedness and Response



- Working beyond the health sector
- Narrow the gaps in countries' preparedness
- Advocacy to non-health sectors
- Multi-sectoral preparedness and contingency planning
- Training & capacity building

Collaboration and Partnership

- ASEAN Plus Three: with China, Japan & ROK
- East Asia Summit (EAS): ASEAN Plus Six
- United States and other ASEAN Dialogue Partners
- ASEAN Regional Forum (ARF): 26 participating countries, including ten ASEAN countries
- UN agencies, such as UNISDR, UNHCR, OCHA, UNICEF, WFP, etc
- Multilateral donors such as World Bank and ADB
- IFRC, ICRC
- Centres : PDC, ADPC, ADRC, eCentre
- Other regional networks in Asia Pacific – SAARC, SOPAC



Recent Milestone



Branch of Streets, Rabhine State after the high wind of 19 Mar 2004.

Cyclone Nargis



Cyclone Nargis

- **First time** for ASEAN's collective response to a major disaster within the ASEAN region
- **First time** for ASEAN to establish an ASEAN-led coordinating mechanism and play a significant role in the international humanitarian arena
- **First time** for mechanisms and tools under AADMER tested and utilised in a real situation

CYCLONE NARGIS *Activation of SASOP & AHA Centre*

2-3 May 08,
GREAT
disaster,
comparable
to 2004
tsunami



*Daily situation updates, 24/7
monitoring, offers of assistance,
recommendations for actions*



First ERAT, 9 – 18 May 08



First ERAT Deployment, 9 – 18 May 08



First ERAT, 9 – 18 May 2008

- **Composition:** assessment experts drawn from ASEAN countries, coordinated by the ASEAN Secretariat (as AHA Centre), supported by “ASEAN-people” UNDAC
- **Deployment:** within 48 hours, at the invitation by Government upon the recommendation to deploy ERAT
- **End product:** a mission report for presentation to the Foreign Ministers of ASEAN on 19 May 08



Special ASEAN Foreign Ministers' Meeting – 19 May 08

CYCLONE NARGIS
2 -3 MAY 2008

DISASTER HAPPENED

FIRST ASEAN
Emergency
Rapid
Assessment
Team
9-18 MAY 08


Humanitarian
Coalition with
ASEAN at the
forefront

Special ASEAN
Foreign
Ministers'
Meeting
19 May 08


HUMANITARIAN
RESPONSE

Establishment of ASEAN-LED MECHANISM, ASEAN HUMANITARIAN TASK FORCE (AHTF) & TRIPARTITE CORE GROUP (TCG)

**ASEAN SPECIAL FOREIGN MINISTERS
MEETING – established ASEAN LED
COORDINATING MECHANISM**
SINGAPORE, 19 MAY 08



ASEAN-UN INT'L PLEDGING CONFERENCE –
established ASEAN HTF
YANGON, 25 MAY 08

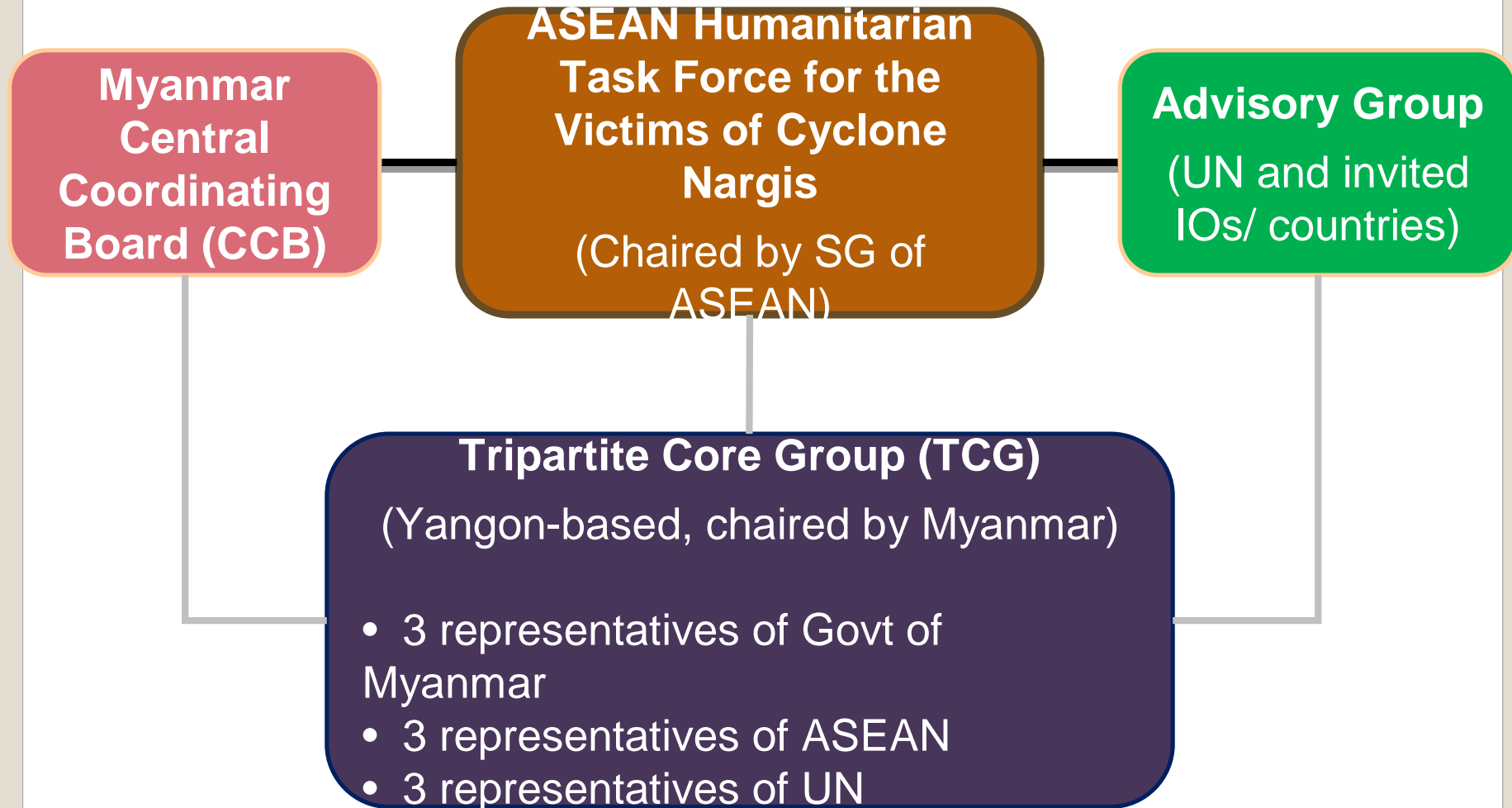


**TRIPARTITE CORE GROUP
(TCG)**
YANGON, 31 MAY 08

ASEAN-LED COORDINATING MECHANISM

Adopted at the ASEAN-UN Int'l Pledging Conference

25 May 08, Yangon



Where ASEAN's contributions are most important:

Reassurance – creating a humanitarian space to build trust and confidence that was not there

Regionality – leverage and latitude

Linkage – support from the whole ASEAN's system, support and network with partners

Platform - policy and institutional framework

ASEAN's Roles



- ASEAN is building confidence within and without
- More conversant and confident in taking care of its own problems, one less region to worry about
- Regional body playing a significant role in international humanitarian arena
- ASEAN's assertive role will shape the humanitarian constellation in the region

ASEAN's Experiences



- *“....ASEAN was very much affected in a positive way, ... so it was part of, unfortunately, our growing pain as an organisation. It is unfortunate that it has to be made on top of the suffering of the people of Myanmar. But we turned the table around we make the crisis into our opportunity to show ASEAN’s resiliency, ASEAN’s capability, ASEAN’s willingness and essentially a new ASEAN under the Charter. In that sense, I think the success has been very much recognised ...”*

9 February 2009, PONREPP Launch, Bangkok



14th ASEAN Summit, 28 Feb – 1 March 09, Cha-am Hua Hin, Thailand

- **ASEAN Leaders** (Heads of Government/ State from ASEAN countries) – agreed to entrust the **ASEAN Secretary-General to serve as ASEAN's humanitarian assistance coordinator** which can be activated any time at the request of the affected ASEAN Member State in the event of a major disaster, whether it be a natural disaster or a pandemic



- How to use the **experience and lessons learnt** to further strengthen regional mechanism?
- How could we **extract and replicate elements** from our experience and lessons learnt to be used for other new situation and context?
- How should the regional mechanism be utilised **when another disaster occurs** in the ASEAN region?
- How should we **work with other** (more) established humanitarian players to promote synergy and add values?

What Next?



- AADMER will continue to serve as the **backbone** of ASEAN's cooperation on DM
- Unprecedented experience available to **further strengthen** regional mechanism and **guide** future regional response activities
- ASEAN's integration, **charter**, and people-centred approach find their **substance** in ASEAN's response to Nargis
- We need to **finish** what we've started, continue to play assertive roles, and **complete the lessons learning process**, i.e. from relief to recovery, then DRR



- ASEAN-UNISDR-World Bank Joint Forum on DRR, 18-20 May 2009, Bali
- Visioning Workshop on AADMER Implementation, 21-22 May 2009, Bali
- Regional Workshop on National Action Plans on DRR, Myanmar, August 2009
- ASEAN Day for Disaster Management, October 2009
- ASEAN Regional Disaster Emergency Response Simulation Exercise (ARDEX-09), Philippines, October 2009
- 2nd ASEAN Ministerial Meeting on DM, 2010

Upcoming Activities



Thank you ...