



United Nations
International Strategy for Disaster Reduction

UNISDR and its cooperation with ASEAN secretariat for HFA implementation

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Disaster Reduction – An Agenda in Progress

1989: IDNDR 1990-1999 – *promotion of disaster reduction, technical and scientific buy-in*

1994: Yokohama Strategy and Plan of Action – *Mid-review IDNDR, first blueprint for disaster reduction policy guidance (social & community orientation)*

2000: International Strategy for Disaster Reduction (ISDR) - *increased public commitment and linkage to sustainable development, enlarged networking and partnerships. Mechanisms: IATF/DR, ISDR secretariat, UN Trust Fund*

2002: Johannesburg Plan of Implementation- WSSD *Includes a new section on “An integrated, multi-hazard, inclusive approach to address vulnerability, risk assessment and disaster management...”*

2005: WCDR - Hyogo Framework for Action 2005-2015 *Building the Resilience of Nations and Communities to Disasters*

2007: 1st session of the Global Platform for Disaster Risk Reduction
Monitor the progress of the HFA implementation, facilitate further actions and partnerships, take stocks and share lessons and good practices

2009: 2nd session of the Global Platform for Disaster Risk Reduction (Geneva, 16-19 June 2009)



International Strategy for Disaster Reduction

Launched in 2000 by UN General Assembly Resolution A/54/219 as successor of the International Decade on Natural Disaster Reduction – IDNDR, 1990-1999:

The ISDR aims at building disaster resilient communities by promoting increased awareness of the importance of disaster reduction as an integral component of sustainable development, with the goal of reducing human, social, economic and environmental losses due to natural hazards and related technological and environmental disasters.

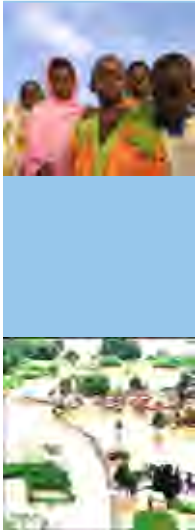




ISDR secretariat's main functions:

- (a) **Policy and coordination** (*guide & monitor implementation of HFA*)
- (b) **Advocacy** (*high-level advocacy, annual awareness campaign, publications*)
- (c) **Information management and networks** (*website, clearinghouse*)
- (d) **Regional outreach- support to regional partners & countries** (*national platforms and action plans- policy, advocacy, information*)
- (e) **ISDR system and resource mobilization**





World Conference on Disaster Reduction

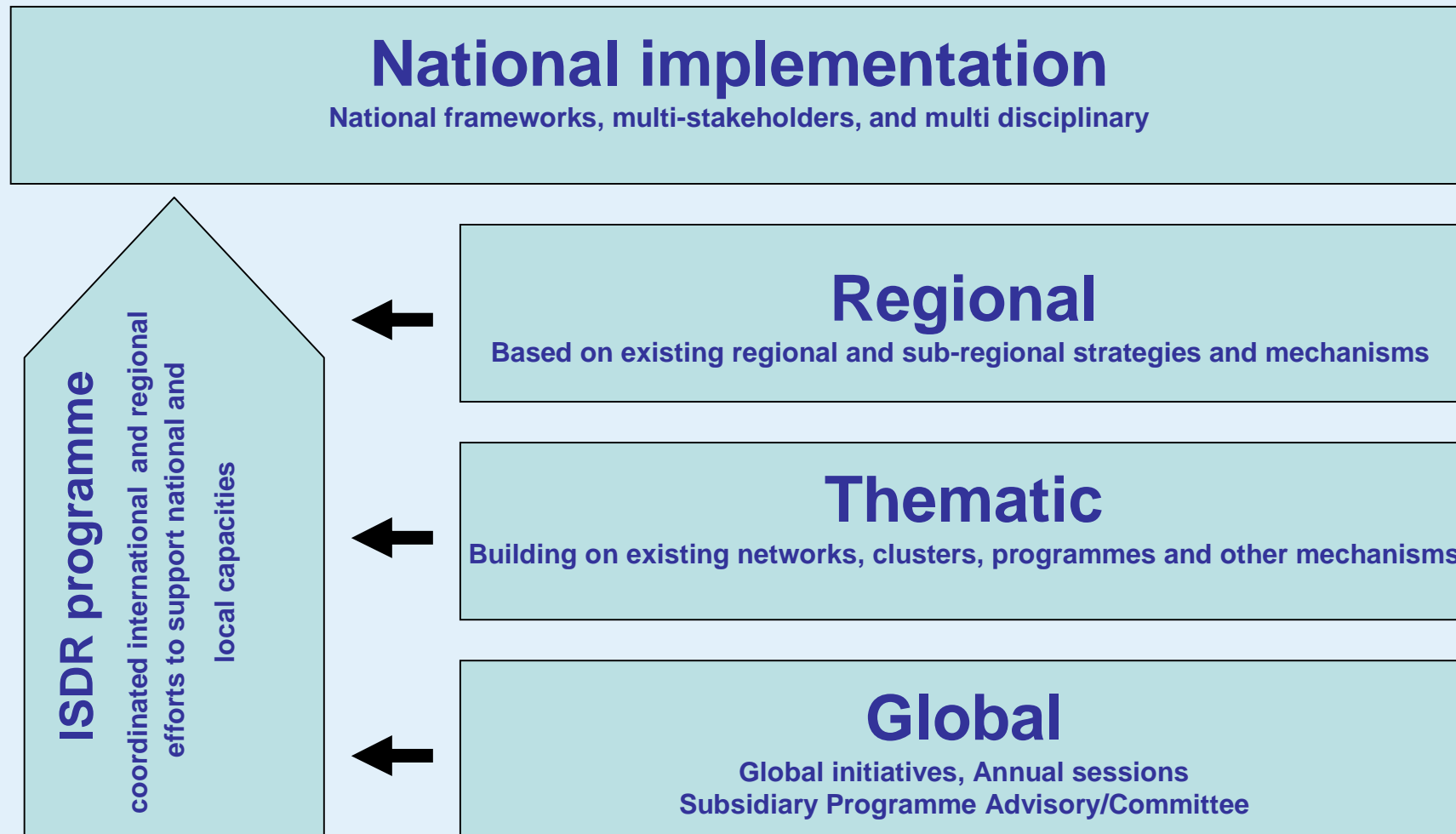
Hyogo Framework for Action 2005-2015 (HFA)

- Building the resilience of nations and communities to disasters
 - ✓ 3 Strategic goals
 - ✓ 5 Priorities for action
 - ✓ Implementation and follow-up

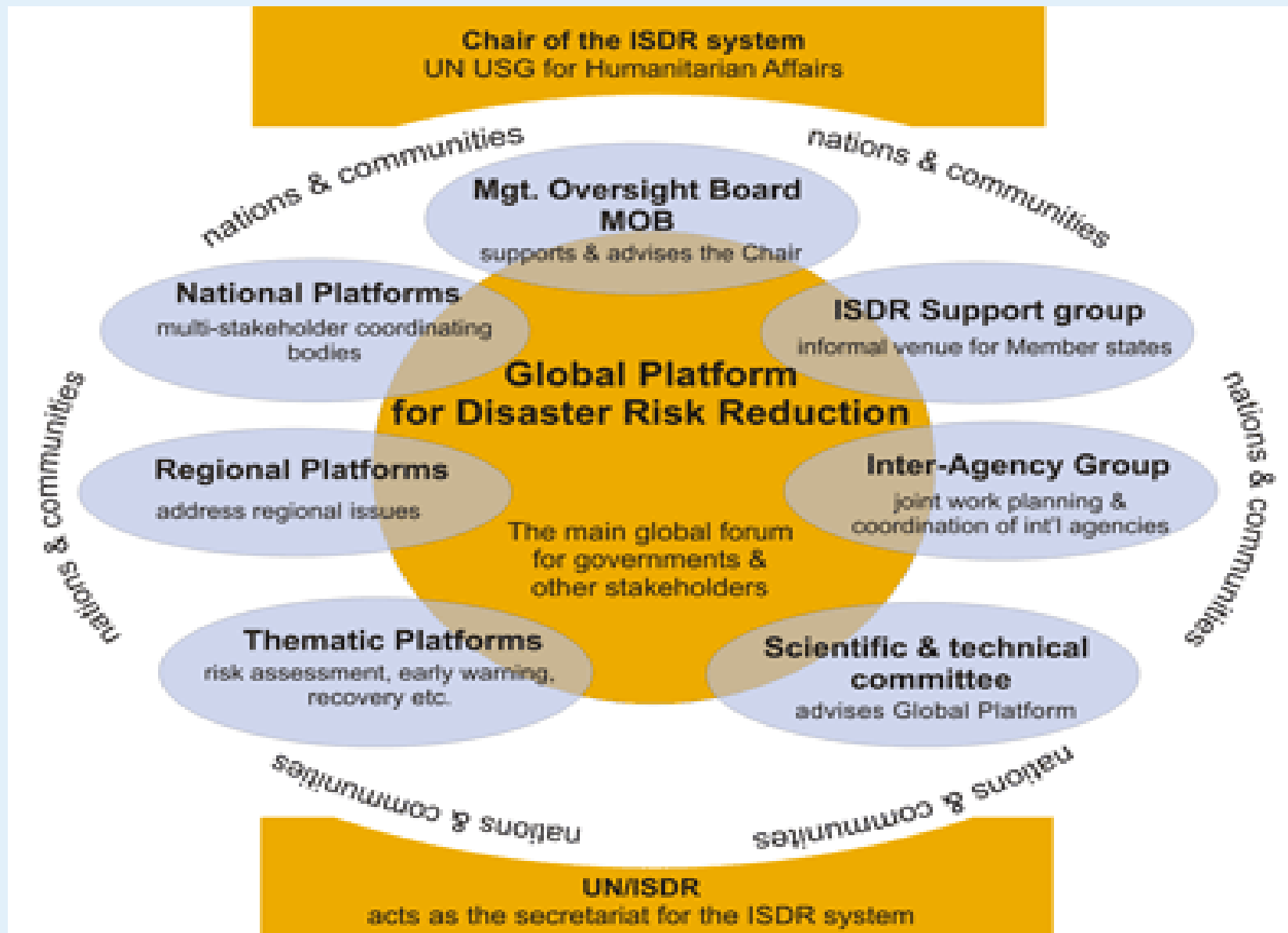
Five priorities for action:

1. **Governance:** *ensure that disaster risk reduction is a national and local priority with strong institutional basis for implementation*
2. **Risk identification:** *identify, assess and monitor disaster risks and enhance early warning*
3. **Knowledge:** *use knowledge, innovation and education to build a culture of safety and resilience at all levels*
4. **Reducing the underlying risk factors** in various sectors (environment, health, construction, private sector etc.)
5. **Strengthen disaster preparedness for effective response**

ISDR system levels of action ("platforms")

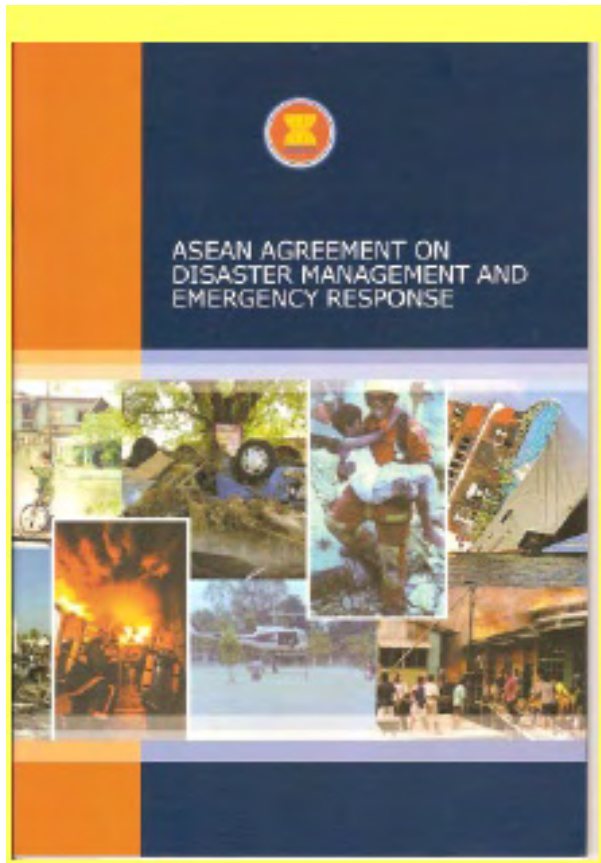


Main elements of the ISDR System in support of the Hyogo Framework for Action

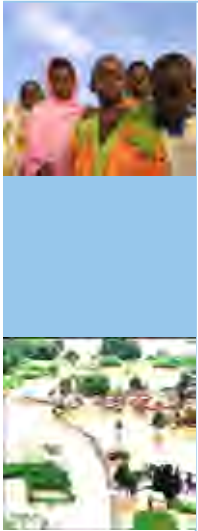




HFA implementation and ASEAN



- Embodies ASEAN's commitment to the HFA
- ASEAN Agreement on Disaster Management and Emergency Response (AADMER)
- Signed by Foreign Ministers of ASEAN on 26 July 2005 in Vientiane, Lao PDR
- Ratification underway (2 more to go) – expected to enter into force soon



New Partnership Scheme

ASEAN Secretariat-UNISDR-World Bank MoU for Collaboration on DRR

Five-year tripartite MoU

Goal:

The overall goal is to contribute to the achievement of the ASEAN vision of resilient nations and a safer region by the year 2015 through an effective strategic implementation of disaster risk reduction (DRR) initiatives within the context of ARPDM, AADMER and HFA by facilitating effective cooperation on regional disaster risk reduction strategies and by promoting investments in disaster risk reduction by ASEAN Member States.



Agree to collaborate to:

- (a) Mobilize technical support and financial and human resources for disaster risk reduction in ASEAN , including through GFDRR;
- (b) Identify shared disaster risk reduction priorities and formulate strategies and action plans for the ASEAN region;
- (c) Support the implementation of disaster risk reduction measures identified by the ARPDM, AADMER, and the HFA in coordination with the relevant ASEAN bodies and the Member States;
- (d) Systematically identify and exchange information and experiences in support of increased disaster risk reduction in the ASEAN region;
- (e) Review and monitor progress in implementing the HFA in the ASEAN region



Proposed Area of Activities:

- Programme Area 1 – Strengthening Regional DRR Implementation
- Programme Area 2 - Capacity Development and Knowledge Management
- Programme Area 3 - AHA Centre (ASEAN Coordinating Centre for Humanitarian Assistance on disaster management)
- Programme Area 4 - People-centered ASEAN
- Programme Area 5 - Partnership and Cooperation
- Programme Area 6 - Support for the Implementation of National Platforms and Action Plans on DRR



Expected results from five year collaboration:

- **All ASEAN Member States** have
 - **national action plans** and corresponding **implementation plans** in place for integrating disaster risk reduction into development planning;
 - policies and/or legislative framework in place that support disaster risk reduction efforts;
- **Financing to support the national level DRR implementation** plans has been earmarked by the national governments and/or mobilised from IFIs and other development partners;
- 10 ASEAN Secretariat staff and 100 Member State representatives **trained on disaster risk reduction and post-disaster recovery**;
- ASEAN Secretariat's Disaster Management and Humanitarian Assistance Division is fully staffed and operational;
- ASEAN Member States have **improved access to knowledge and information on DRM issues**, including through the fully functional experts database for emergency response;
- The ASEAN Coordinating Centre for Humanitarian Assistance on disaster management is staffed and fully operational; and,
- **Increased awareness of DRM** issues among citizens of ASEAN Member States.



ASEAN Regional Programme on Disaster Management (ARPDMD)

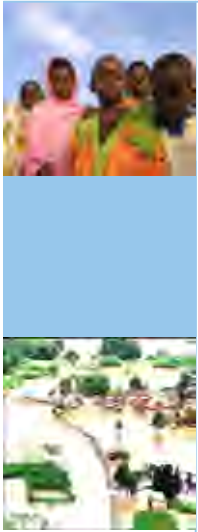
- Reviewing the progress since the last five years
- Alignment with AADMER and HFA priorities for action
- Include new or emerging issues

Bali, 18-22 May 09

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

Outputs:

- AADMER Work Plan until 2015
- Partnership Strategy
- Share knowledge, experiences and lessons learned



Thank you very much

www.unisdr.org

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Promoting Disaster Reduction through
Multi-National Cooperation in Asian region

ADRC Activities



April 2009

Asian Disaster Reduction Center (ADRC)



ADRC Member Countries

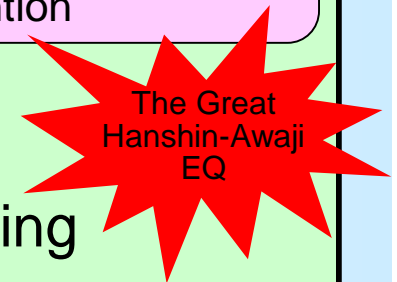


**27 Member Countries (including 9 ASEAN Countries),
5 Advisor Countries, 1 Observer**



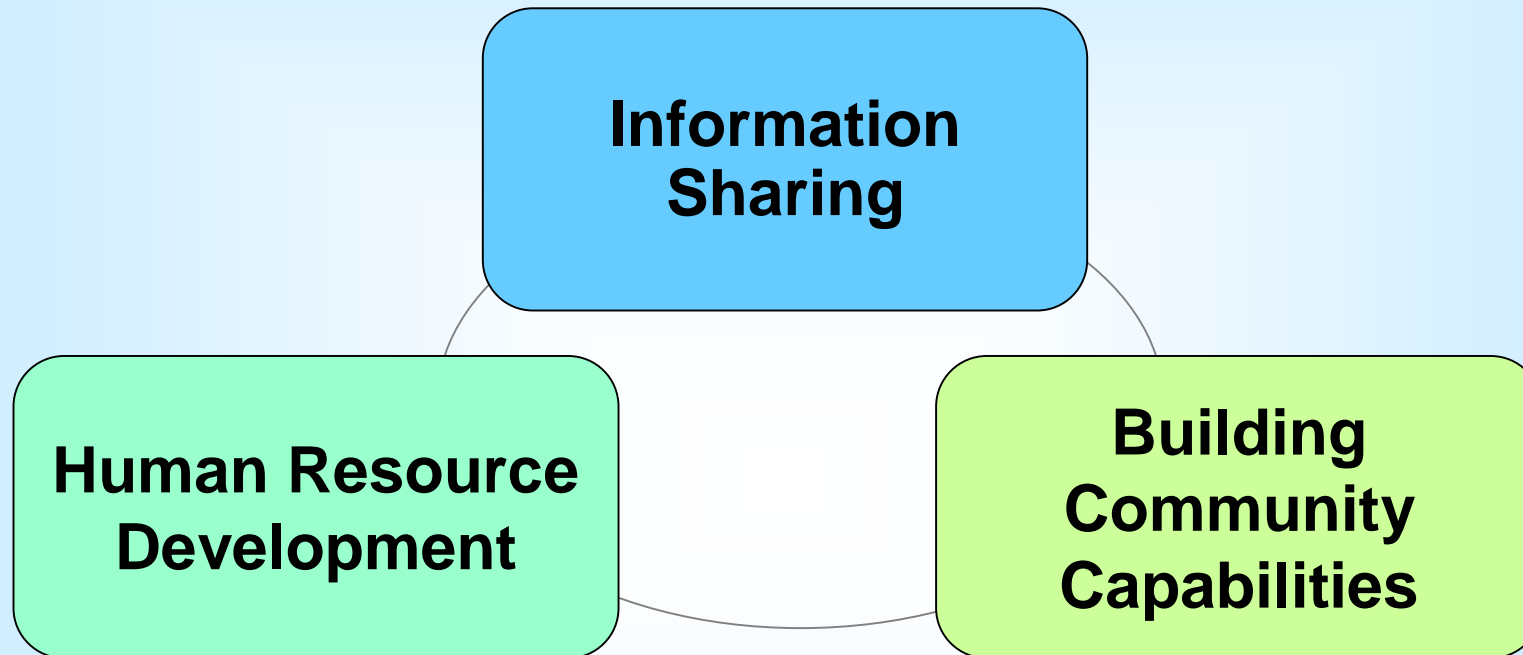
As a Hub of the Regional Cooperation in Asia

| | |
|-------------|--|
| 1990's | International Decade for Natural Disaster Reduction (IDNDR) |
| 1994 | World Conference on Natural Disaster Reduction in Yokohama "Yokohama Strategy" called upon establishing or strengthening of sub-regional or regional centers for disaster reduction and prevention |
| 1995 | Ministerial-level Asian Natural Disaster Reduction Conference |
| 1996 | Asian Natural Disaster Reduction Experts Meeting Agreed to study the creation of a regional center for Asia |
| 1997 | Asian Disaster Reduction Cooperation Promotion Meeting Japanese Govt. proposed to create the regional office in Japan |
| 1998 | Establishment of Asian Disaster Reduction Center |
| 2000 | International Strategy for Disaster Reduction was structured Succeed the program for the Decade Global review of disaster reduction initiatives and achievements since the adoption of the Yokohama Strategy |
| 2005 | The World Conference on Disaster Reduction (WCDR) in Hyogo Adoption of Hyogo Framework for Action (HFA) |





Main Activities of ADRC



Implementation and Follow-up of the HFA (Hyogo Framework for Action) as a Regional Organization

- **Promote Regional Programs**
(incl. technical cooperation, capacity development, sharing information)
- **Undertake and publish regional baseline assessment**
- **Coordinate and publish reviews on progress and support needs etc..**



Information Sharing (1) Organizing International Meetings & Forums

Asian Conference on Disaster Reduction (ACDR) 2008

- Report progress and discuss on implementation of the HFA among Member Countries
- Period: 12 - 14 November 2008
- Participants: 106 from 24 Countries, UN & International Organizations, NGO's, academic institutions
- ACDR 2009 will be held in Kobe, Japan.



ACDR2008, Bali, Indonesia



Information Sharing (2) Providing Information on Web-Site

ADRC website
(<http://www.adrc.asia>)

- Latest disaster information
- Information of disaster risk management system in member countries
- Survey report etc.

Data Book on Natural Disasters



Information Sharing (3) Information Sharing through Publications

• Booklets and Videos

- Natural Disaster Data Book
- Total Disaster Risk Management (TDRM)
 - Good Practices
- ADRC Member Country Profiles

• Newsletters

ADRC Highlights





Information Sharing (4)-1 GLIDE (GLObal unique disaster IDentifier)

Universal tool for effective sharing of existing disaster data sources

(Example)

Tsunami Disaster in
the Indian Ocean

The Indian Ocean
Earthquake and Tsunami

Tsunami Disaster on
December 26, 2004

Hazard Code

Serial Number

TS-2004-000147-IDN

Year

ISO Country Code

(**DR**: Drought **EQ**: Earthquake **EP**: Epidemic **FL**: Flood **TS**: Tsunami **SL**: Slide
VO: Volcano **WV**: Wave / Surge **WF**: Wild Fire **ST**: Severe Local Storm)



Information Sharing (4)-2 GLIDE Number Generation and Utilization

Event

GLIDE operators input the information on the GLIDE number web-site

GLIDE number generated automatically

The web-site automatically links to other data base fitted GLIDE number

Report ↓ ↑ Information

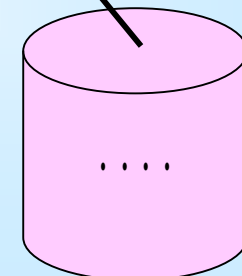
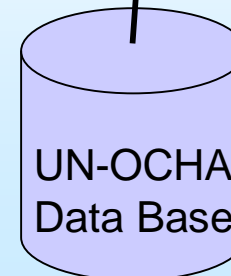
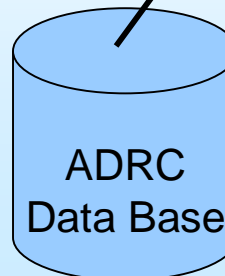
Registered User

< GLIDE number web-site >

The screenshot shows the GLIDE number web-site interface. At the top, there is a navigation bar with links for Home, Preferences, Login, Register, Help, and Contact us. Below this is the 'GLIDE Search' section, which includes three dropdown menus for 'Select Continent', 'Select Country', and 'Select Event'. To the right of these menus are options for 'Get results as:' (Statistics, Charts, Tabular report) and 'Latest Events:' (Disasters of week 46: November 8 - November 14, 2003). Below the search filters, there is a 'Type keywords:' field, a 'Looking for:' dropdown (set to 'All Words'), and a 'Search between these dates:' section with 'From:' and 'To:' date pickers (both set to 1900-01-01). There are also fields for 'More than:' (set to 10) and 'affected' (set to 100), with radio buttons for 'OR' and 'AND'. A 'Results per page:' dropdown is set to 8. A 'Search' button is located at the bottom right of the search section. Below the search section is the 'Search Results:' table, which has columns for 'Glide Number', 'Event', 'Country', and 'Comment'. The table contains two rows of results: one for a flood in Canada and one for a storm in Canada. Below the table, there is a 'Link to the Data Base with GLIDE number' box, which is connected to three database icons: 'ADRC Data Base', 'UN-OCHA Data Base', and a pink database icon with '...' inside.

| Glide Number | Event | Country | Comment |
|--------------------|-------|---------|--|
| FL-2003-123456-CAN | Flood | Canada | Large floods in Nova Scotia and Prince Edward Island |
| ST-2003-123457-CAN | Storm | Canada | Ice Storm in Ottawa, Toronto |

Link to the Data Base with GLIDE number





Human Resource Development (1) Visiting Researcher Program

Outline: Term A (January-June) / Term B (July-December)

2 Officers in charge of Disaster Management from member countries
for each term (*Basically 6-month stay but 3-month stay is also acceptable)

Objectives:

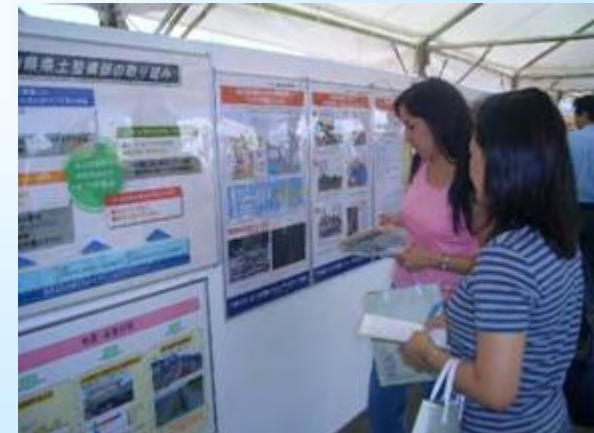
- (1) To learn the disaster management in Japan and other countries
- (2) To enhance human network among Asian countries



Lecture of disaster countermeasures
at Electric Power Company



Field survey in Earthquake
affected area

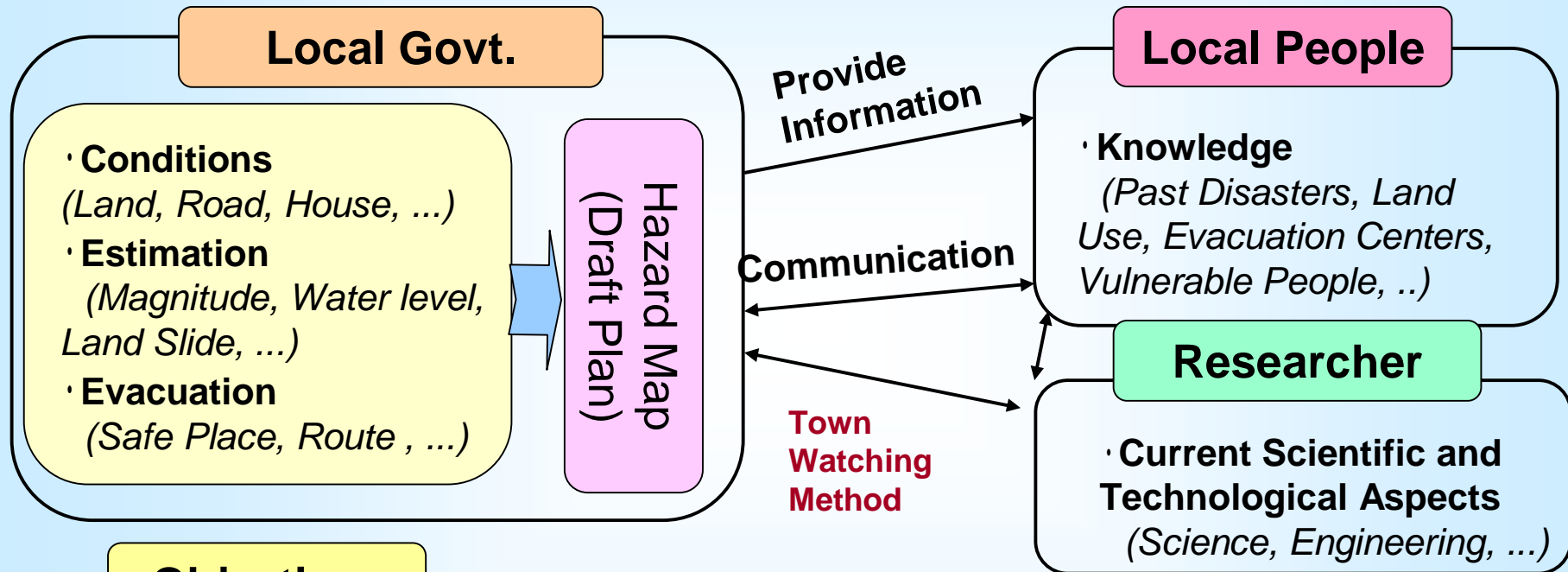


Field trip to tsunami
disaster management drill



Building Community Capabilities (1)-1 Community Based Hazard Mapping

ADRC developed the tool for capacity building at community level



Objectives

- ✓ To involve local residents in developing the hazard map for their community
- ✓ To reflect the opinions of local residents in policies made by their local government
- ✓ To promote common understanding of risks among local residents, government officials and experts



Building Community Capabilities (1)-2 Community Based Hazard Mapping

Step 1

Field Survey

Residents, Officers in Local Govt. and Experts survey the positive and negative features relating to the disaster risk by walking around in the town.



Step 2

Develop a Map

Visualize the observations and findings on the map. Enhance the awareness and cooperation through the task.



Step 3

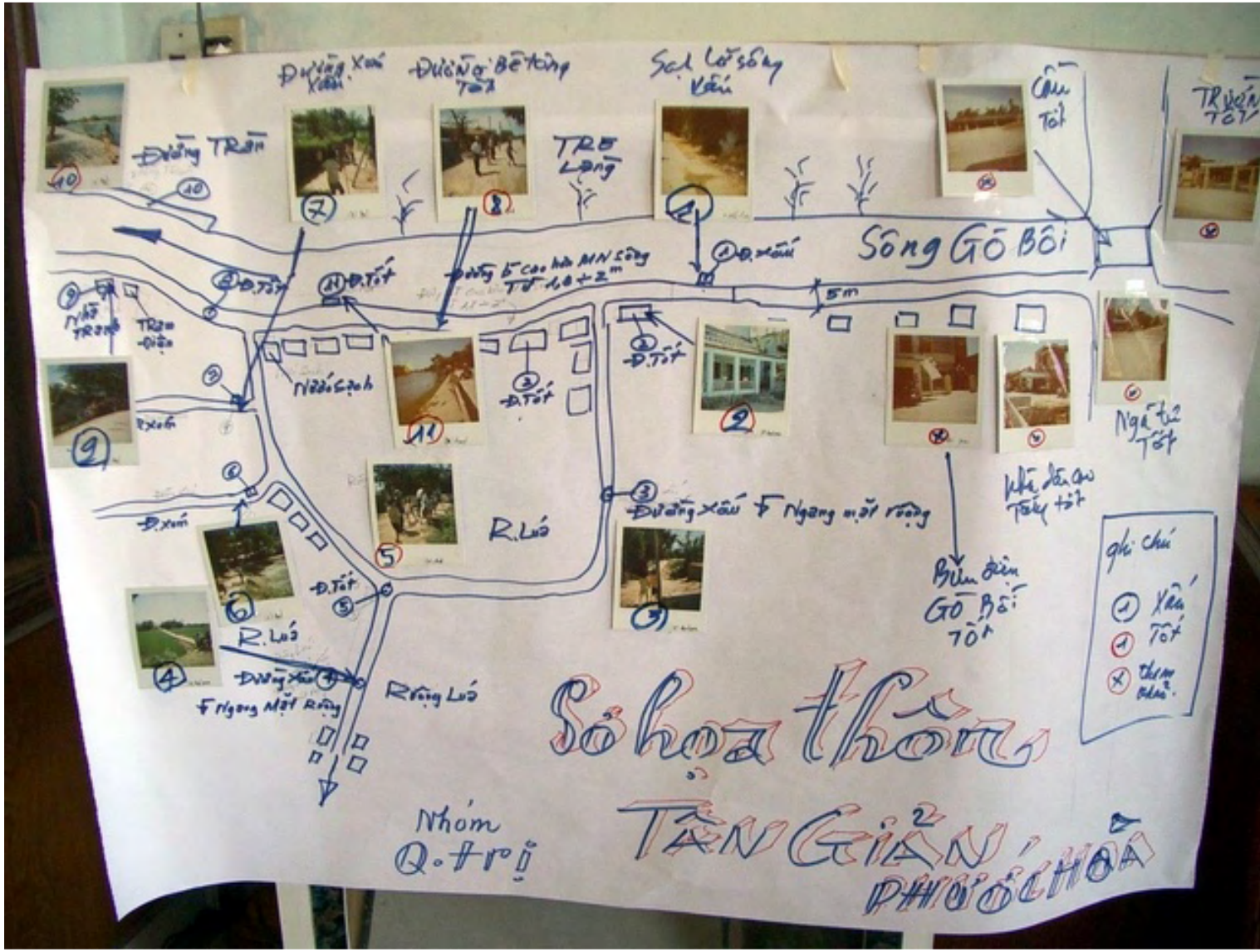
Discussion and Presentation

What are the problems? Who is responsible?
What are the countermeasures?
Share the information.





Building Community Capabilities (1)-3 Community Based Hazard Mapping





Building Community Capabilities (2) Tsunami Awareness Booklet using “Inamura-no-hi” and Community Workshop utilized the Booklets



Bangladesh (Bengali), India (Hindi, Tamil), Indonesia (Indonesian), Malaysia (Malay), Nepal (Nepalese), Philippines (English-Adult, Tagalog-Children), Singapore (English) and Sri Lanka (Sinhalese)



Workshop in India



Workshop in Bangladesh



Workshop in Indonesia

In cooperation with Asian Disaster Reduction and Response Network (ADRRN)



Japan-ASEAN Integration Fund (JAIF) Project



Components

1. Promotion of **School Education on Disaster Reduction**
2. Capacity Building on Disaster Management for **Local Officers**
3. Application of **Satellite Imagery** to Disaster Management
4. Development of Web-based and **GLIDE-associated Disaster Database**



Component 2
Kick-off meeting in Lao PDR



Component 4
Training in Japan
Officers from Lao PDR,
Philippines, and Thailand

ADRC promotes disaster reduction through multi-national/multi-stakeholder/multi-lateral cooperation in the Asian region.



<http://www.adrc.asia>

Thank You For Your Attention

UNCRD (United Nations Centre for Regional Development) / UN DESA

23 Apr. 2009, JICA Hyogo

1. History of Disaster Management Programs

- 1971** Foundation of UNCRD
- 1985** First Disaster Program
- 1995** Hanshin-Awaji Earthquake
- 1999** Opening of Hyogo Office
 - CBDM projects (HTF)
 - Earthquake safety (SESI)
 - Field survey, Recovery, etc.
- 2005** UN World Conference on Disaster Reduction
- 2007** 1st Global Platform (ISDR)
- 2009** 2nd Global Platform on DRR



UNCRD Disaster Management Planning Hyogo Office (HAT Kobe)

2. Objectives and Activities (Hyogo Office since 1999)



Model Projects

Implementation

Demonstration



Training

Technology transfer

Capacity Building

Model construction

Shake-table test

Hazard Maps

Workshops

Handbook

Education

Awareness raising

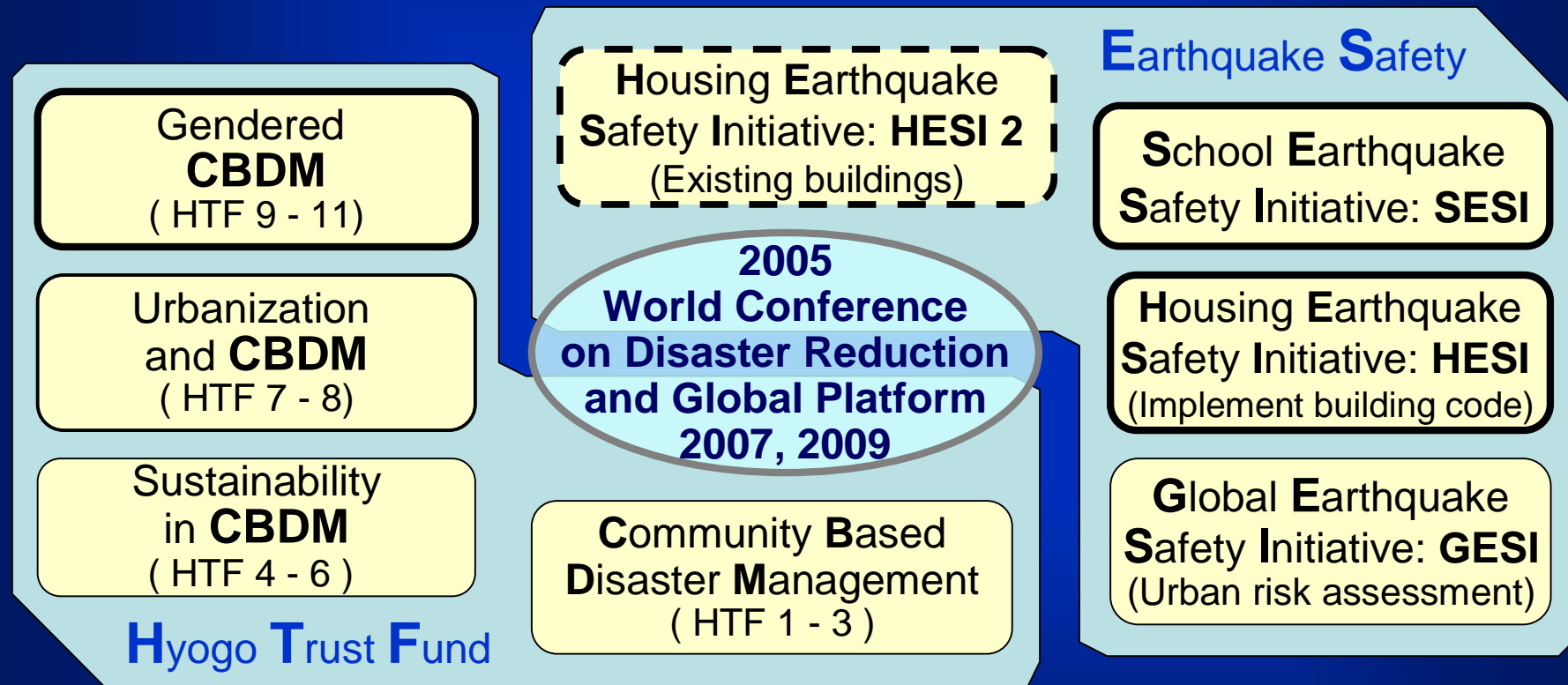
Motivation

Disaster resilient communities, safer schools, houses
for **Sustainable Development** and **Hyogo Framework for Action**

3. Projects of Hyogo Office (1999 - 2009)

Recovery Projects

of disaster affected areas (Japan, Indonesia, Pakistan, China etc.)



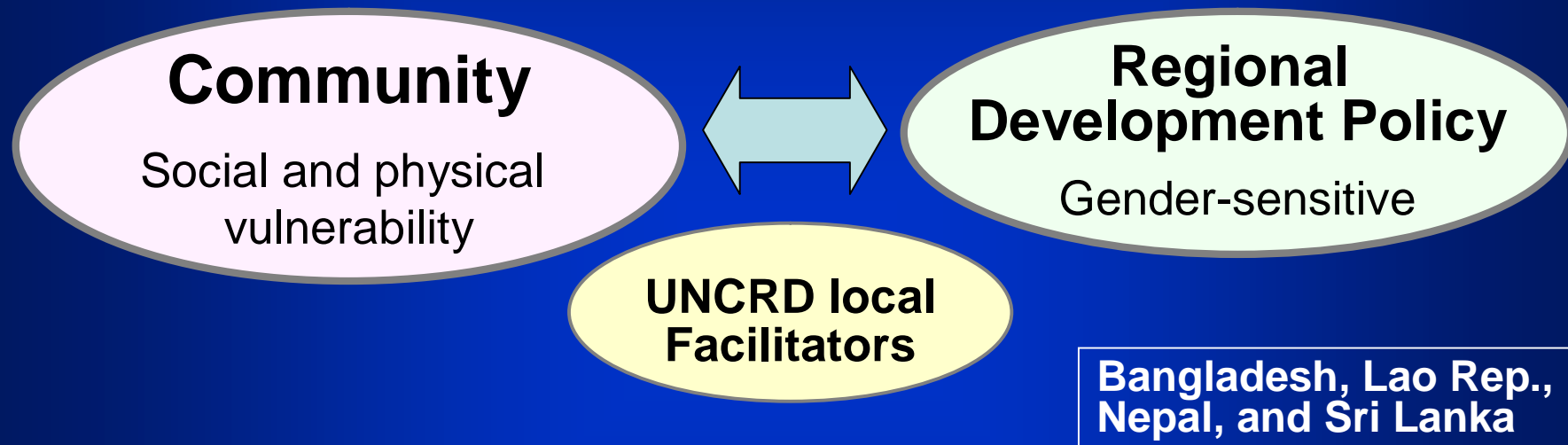
Field Survey (Core Fund)

of disaster affected areas (Pakistan 2006, Peru 2007, China 2008 etc.)

4-1. Project in 2008-2009 (Hyogo Trust Fund)

Gendered CBDM

in the context of regional development: HTF X



1. Targeted at gender-sensitive CBDM linking to regional development policies.
2. UNCRD local facilitator promotes policy dialogs, trainings and awareness raising.

UNCRD CBDM Activities in 2007 - 08 (Nepal, Sri Lanka)



समुदायलाई भूकम्पीय जोखिमबाट सुरक्षित बनाऔं

समुदायलाई भूकम्पीय जोखिमबाट सुरक्षित बनाऔं

जुम्ला-मोरङ गठान
सुदूरपश्चिम क्षेत्र विकास
अर्थी विकास समिति
सुदूरपश्चिम क्षेत्र विकास समिति

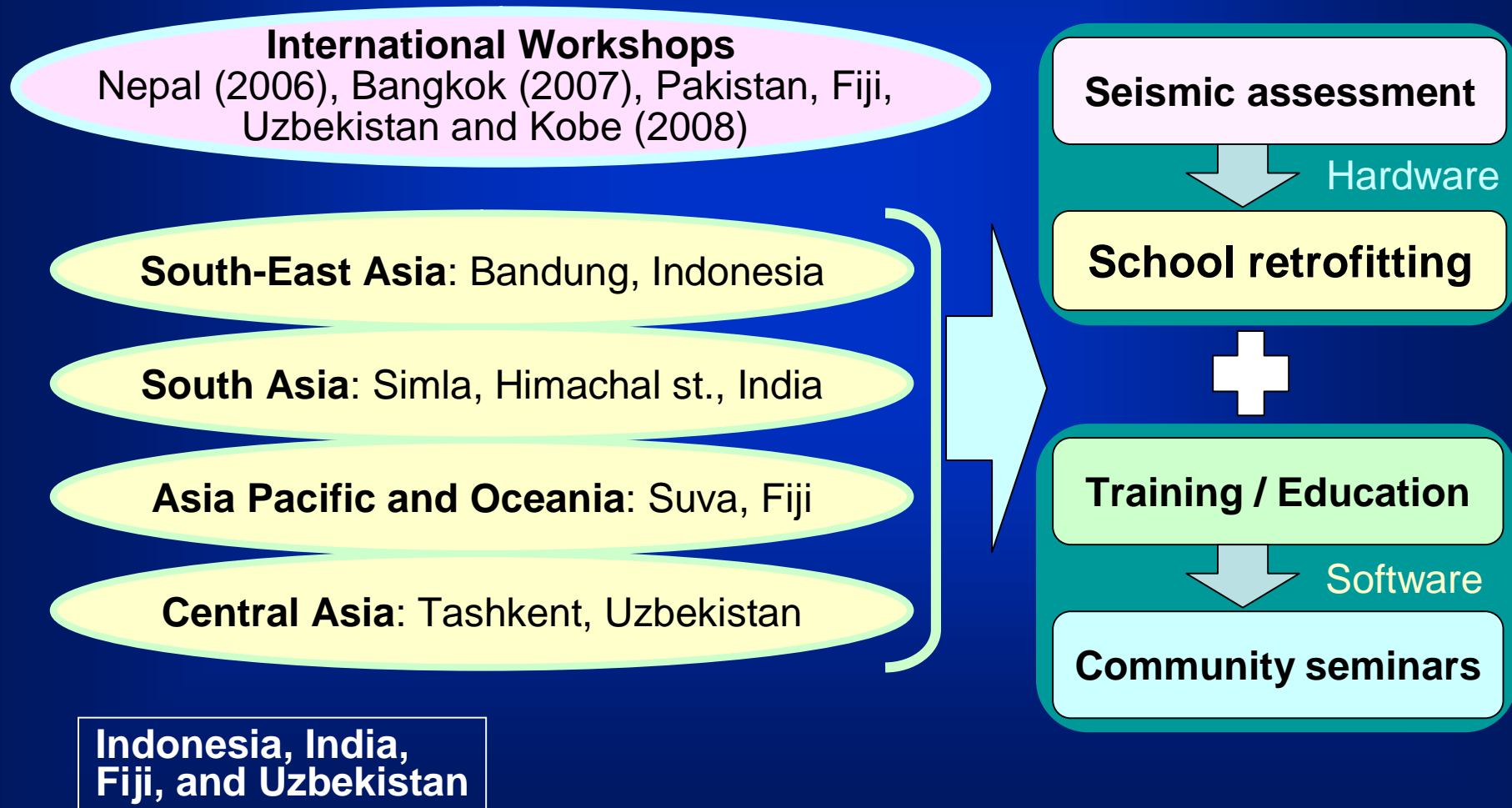
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4-2. Project in 2005 - 2009 (Human Security Fund)

Reducing Vulnerability of School Children to Earthquakes (SESI: School Earthquake Safety Initiative)

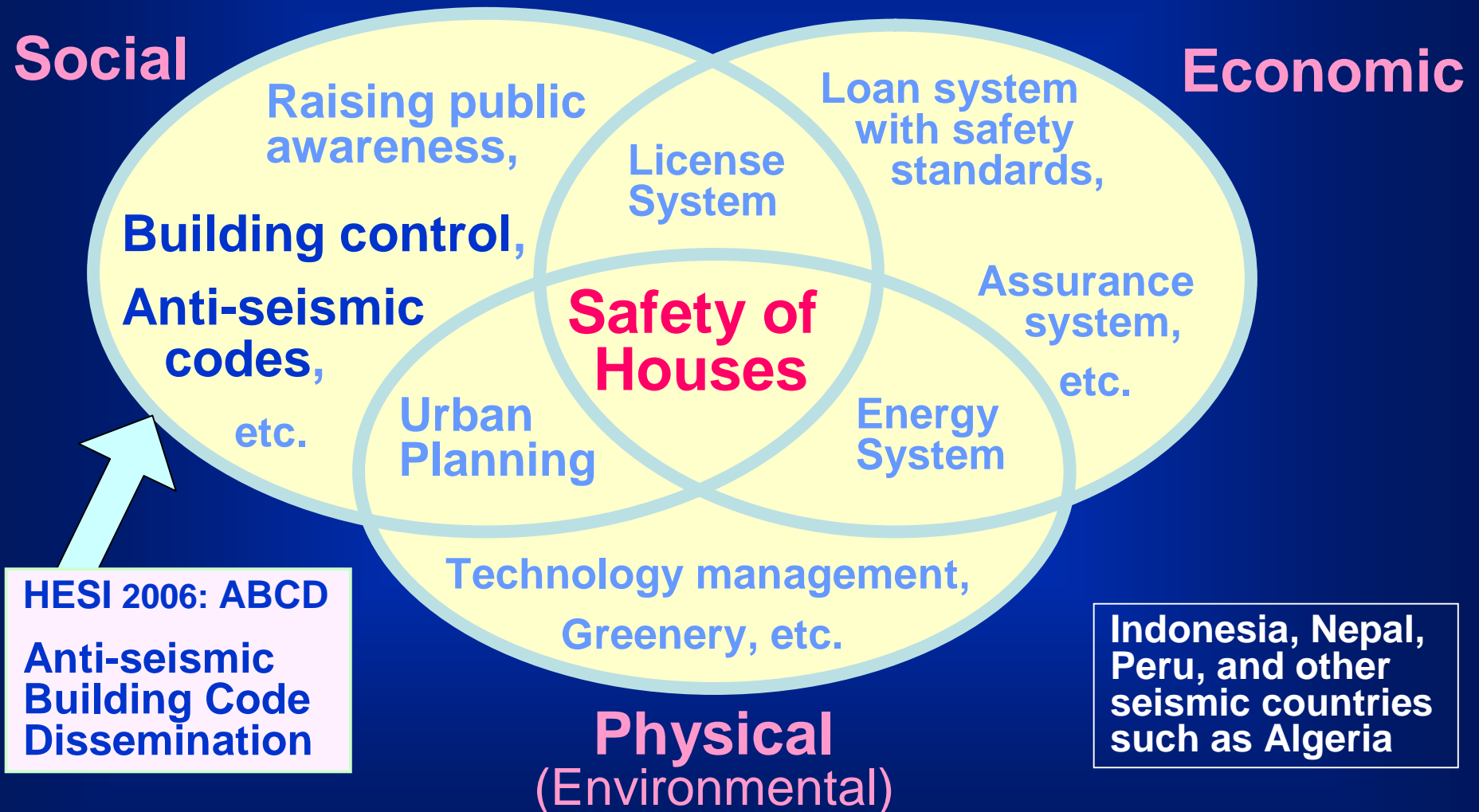


UNCRD SESI Activities in 2008 (Indonesia, India etc.)



4-3. Project in 2006 - 2009 (fund by MLIT/GOJ)

Housing Earthquake Safety Initiative (HESI)



UNCRD HESI Activities in 2007 - 08 (Nepal, Peru)



5. Recent Symposiums and Publications

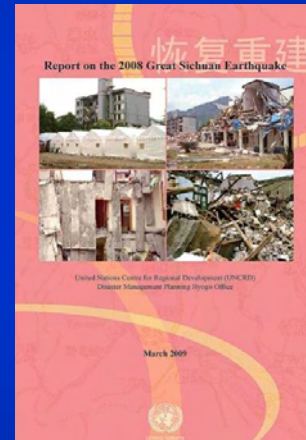
- 2003** Int'l Workshop on Reconstruction, India
- 2003** Guidelines for Earthquake Resistant Design
- 2004** Int'l Symposium on Community Legacy, Kobe
- 2004** User's Guide; CBDM Practices in Asia, Tapestry
- 2005** World Conf. on Disaster Reduction (WCDR), Kobe
- 2006** Int'l WS on school safety from earthquake, Nepal
- 2007** Global Platform on Disaster Risk Reduction (GP/DRR)
- 2007** CBDM publication in Nepal, Bangladesh, Sri Lanka
- 2008** Regional WS on school safety in Uzbekistan, Fiji
- 2008** Asian Ministerial Conference on Disaster Risk Reduction
- 2008** Int'l School Earthquake Safety Workshop, Kobe
- 2008** Int'l Symposium on Housing Safety (HESI), Tokyo
- 2008** HESI, CBDM publications (www.hyogo.uncrd.or.jp)

Publications on CBDM (HTF 1 - 6) 1999 - 2004



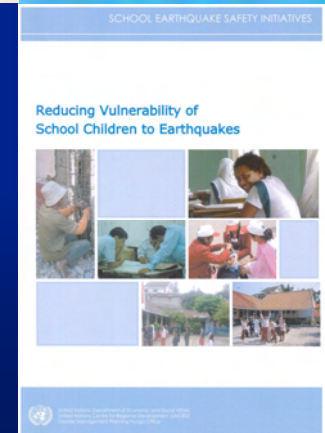
Publications on CBDM (HTF) 2005-8

Sichuan Report 2009



Housing Safety (HESI) 2007-9

School Safety (SESI) 2005-9



6. Field Survey (Indonesia '06, Bangladesh, Peru '07, China '08)



International Recovery



Build Back Better

Gerald E. Potutan

Researcher

International Recovery Platform
Asian Disaster Reduction Center

gerald@recoveryplatform.org

Asian Forum on Disaster Management and Climate
Change Adaptation

April 21-26, 2009

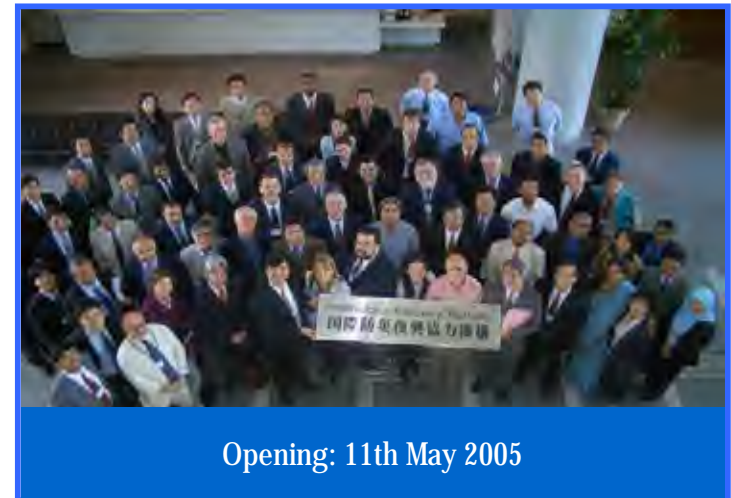
Japan International Cooperation Agency
Hyogo Prefectural Government

Overview of IRP



- Platform (a network comprising 12 member organizations) for promoting “**Build Back Better**” approaches
- Established in May 2005 following the WCDR
- One of the **Key Thematic Platforms** under UNISDR to support HFA
- Governed by the Steering Committee (**Current Chair, ILO**)
- Coordinated by IRP Secretariat

- 1 UN official (Starting May 15, 2009)
- 1 Senior Expert
- 1 Chief Researcher
- 1 Researcher
- 4 Assistant Researchers
- 1 Administrative Staff



IRP Member Organizations



- Asian Disaster Reduction Center (ADRC)
- Cabinet Office, Government of Japan
- Hyogo Prefectural Government, Japan
- International Federation of Red Cross and Red Crescent Societies (IFRC)
- International Labour Organization (ILO)
- Ministry of Foreign Affairs, Government of Italy
- Swiss Agency for Development and Cooperation (SDC), Government of Switzerland
- United Nations Development Programme (UNDP)
- United Nations Human Settlements Programme (UN-HABITAT)
- United Nations Secretariat of the International Strategy for Disaster Reduction (UN/ISDR)
- United Nations Office for the Coordination of Humanitarian Affairs (UN/OCHA)
- The World Bank (WB)



International Federation
of Red Cross and Red Crescent Societies



Thematic Areas of Work



Advocacy, Networking, and Partnership

- International Recovery Forum
- Regional Workshops and Side Events

International Recovery Forum 2009



Knowledge Management

- Systemization of Dissemination of Recovery Experiences (e.g. Database)
- Technical Documentation and Policy Guidelines (e.g. Case studies)



Capacity Building

- Global Network of Experts
- Training Programs (e.g. ILO training programs)

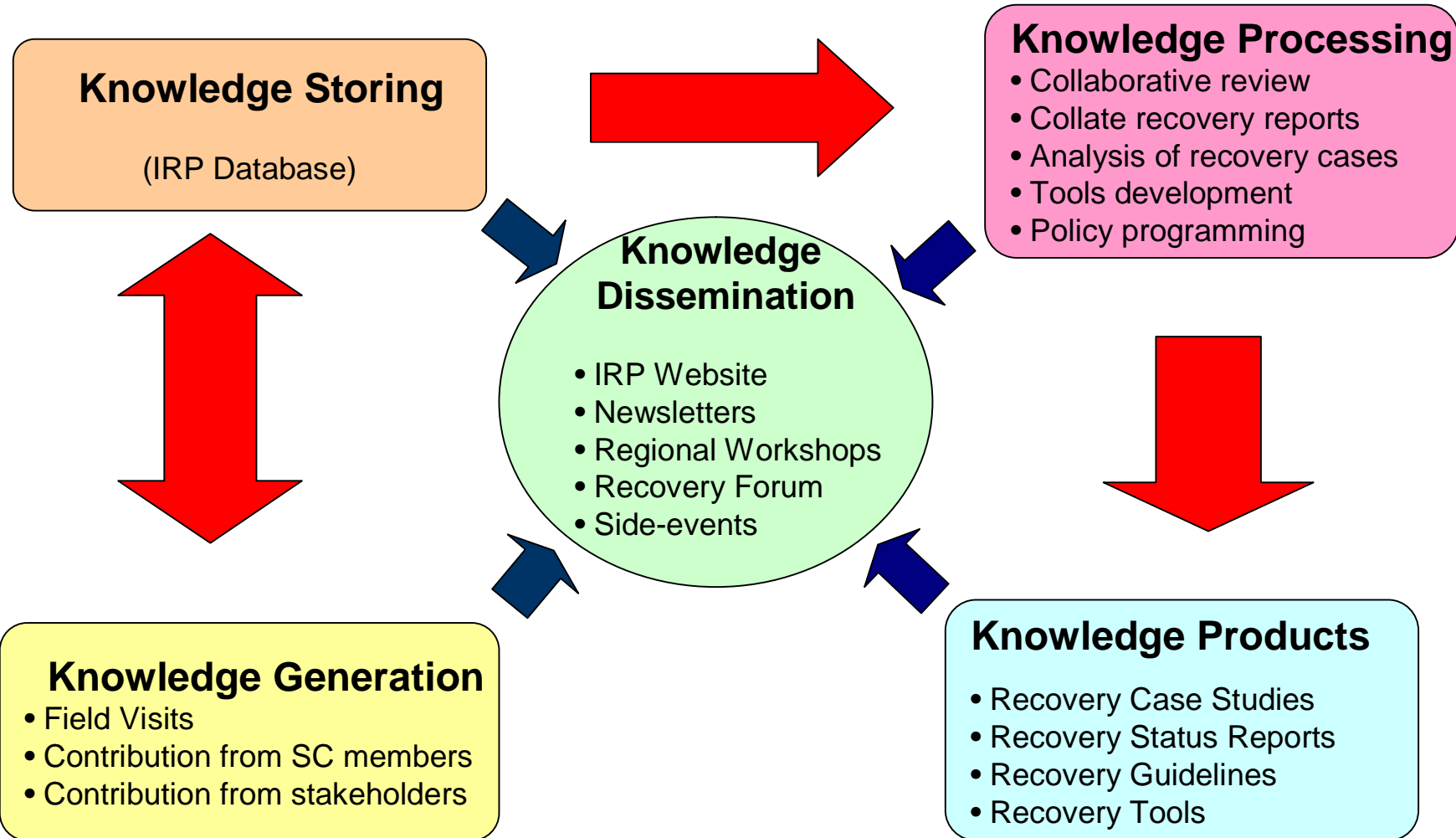


Effective Recovery Operations

- Tools development (e.g. PDNA)
- Tools applications



IRP Knowledge Management Activities



Announcement



- Activity** **IRP Regional Workshop in Indonesia**
- Date** Middle of **October 2009** (two-day workshop)
- Venue** Gadjah Mada University, Yogyakarta, Indonesia
- Objectives** To share recovery experiences and lessons from the Yogyakarta Earthquake of May 2006 to other countries in Southeast Asia to further address current gaps and needs in recovery operations
- Share recovery experiences of other ASEAN countries
 - Identify indigenous knowledge and draw out universal knowledge on recovery
 - Create a network for sharing knowledge and expertise on DRR

Announcement (cont)



Participants 200 (expected number)

Indonesia Government, academe, country offices of IRP SC members, local practitioners

ASEAN Government, academe, Secretariat, regional offices of IRP SC members

Others SC member organizations, academe, government officials, relevant donor organizations

Language English and Bahasa Indonesia (simultaneous interpretation)

Organizers IRP, ADRC, and DAP-GMU



Thank You!



IRP Website: www.recoveryplatform.org