

Asian Forum on
Disaster Management and
Climate Change Adaptation

Information
of
JICA courses
on
Disaster Reduction

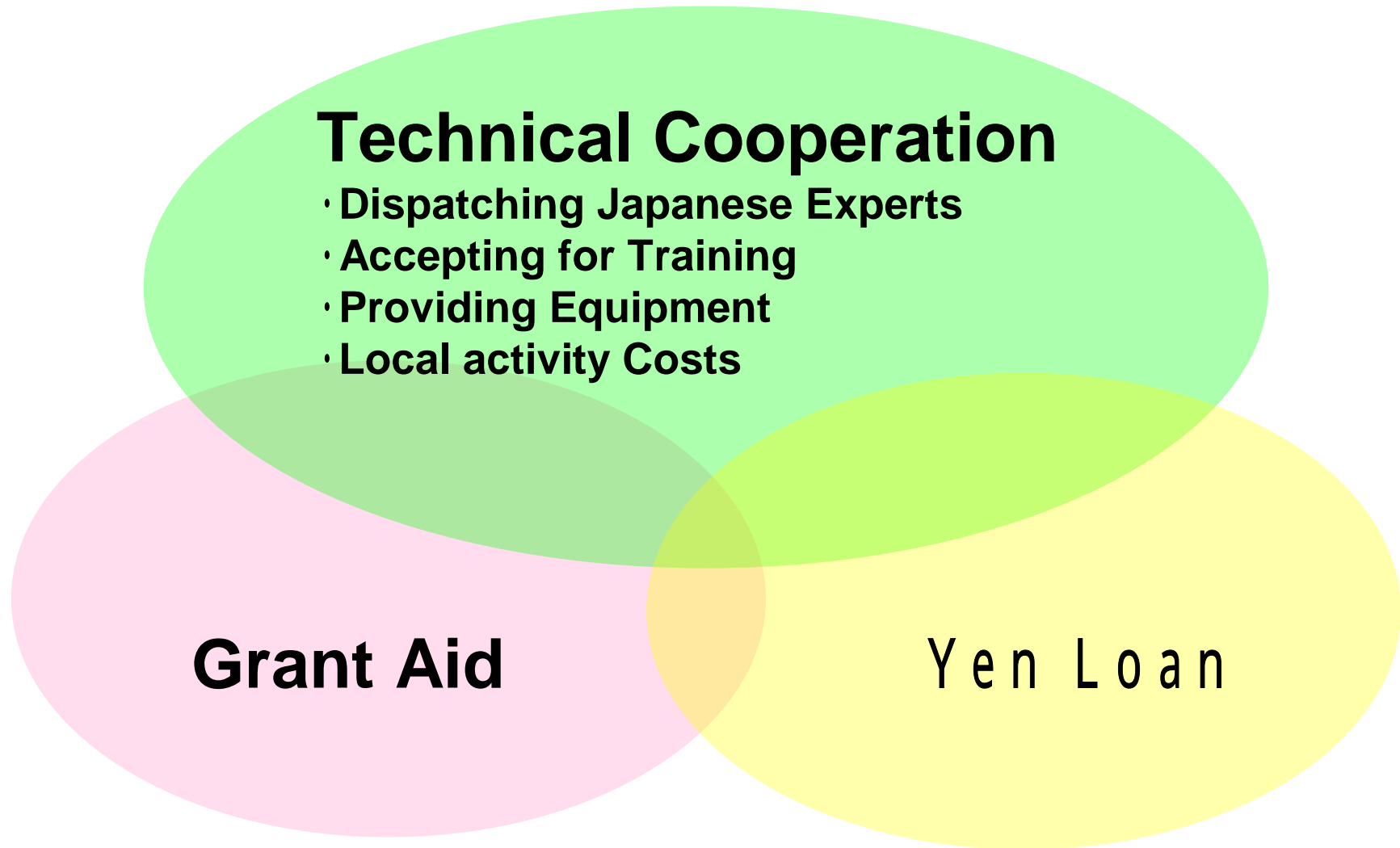
new JICA's Functions

Technical Cooperation

- Dispatching Japanese Experts
- Accepting for Training
- Providing Equipment
- Local activity Costs

Grant Aid

Y e n L o a n



JICA Training Program (in Volume)

(FY2007)

Total: 21,280 / 9,785 in Japan

516 Group Courses / 4,877

744 Individual C. / 3,204

52 Post grad. Degree / 79 &

3rd, 2nd, In-country Courses

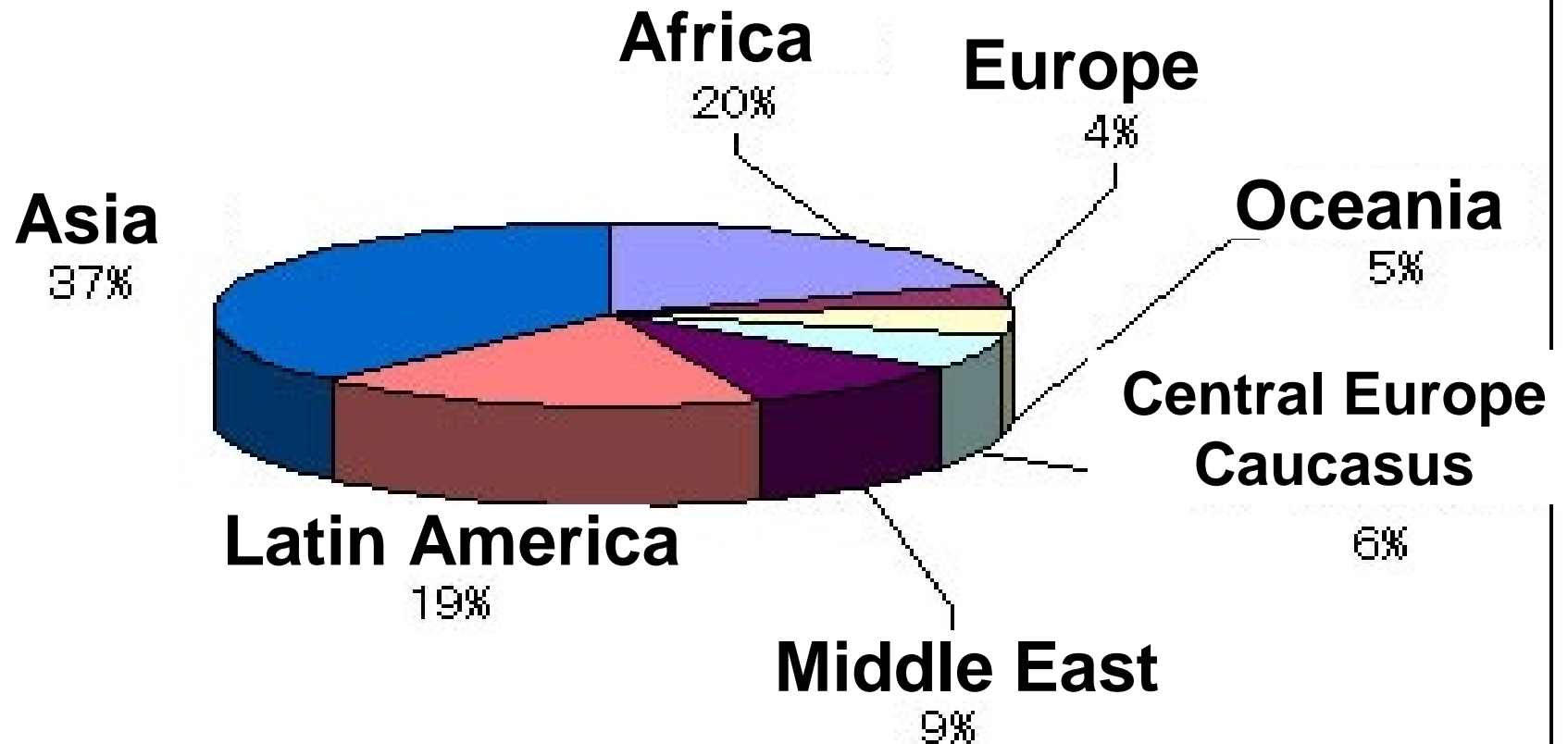
JICA Training Program (in Subject)

(FY2008)

Disaster Reduction 29 (6%)

Education 44, Health/welfare 95,
Agriculture/Rural 76, Environment 84, **Water
resources 15**, Infrastructure 87,
Economy 67, Energy 19,
Governance 61

JICA Training Program (in Region)



JICA Training Program (Course Formation)

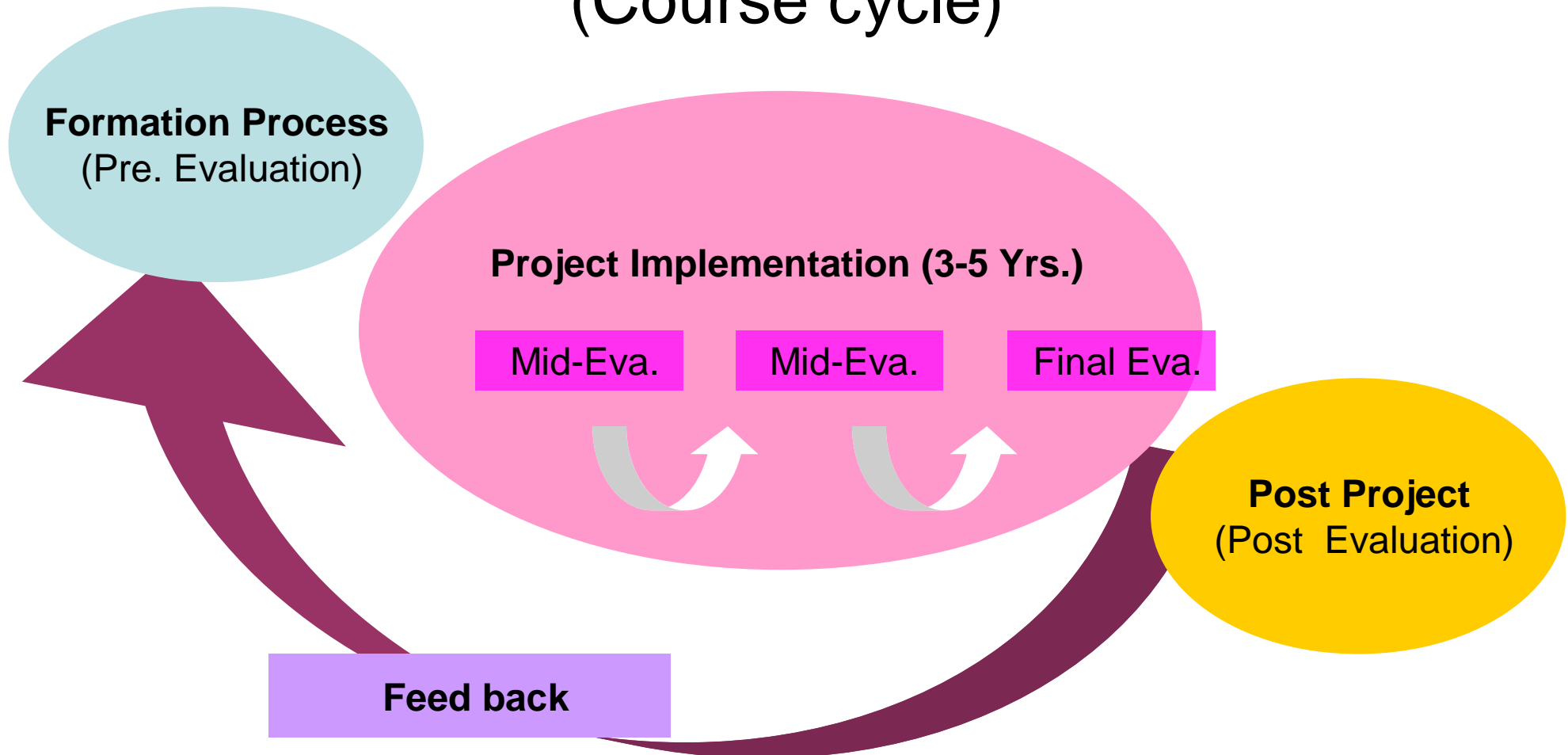
~ June Project Proposal (in Japan)

Aug ~ Oct Needs Survey (Partner Countries)

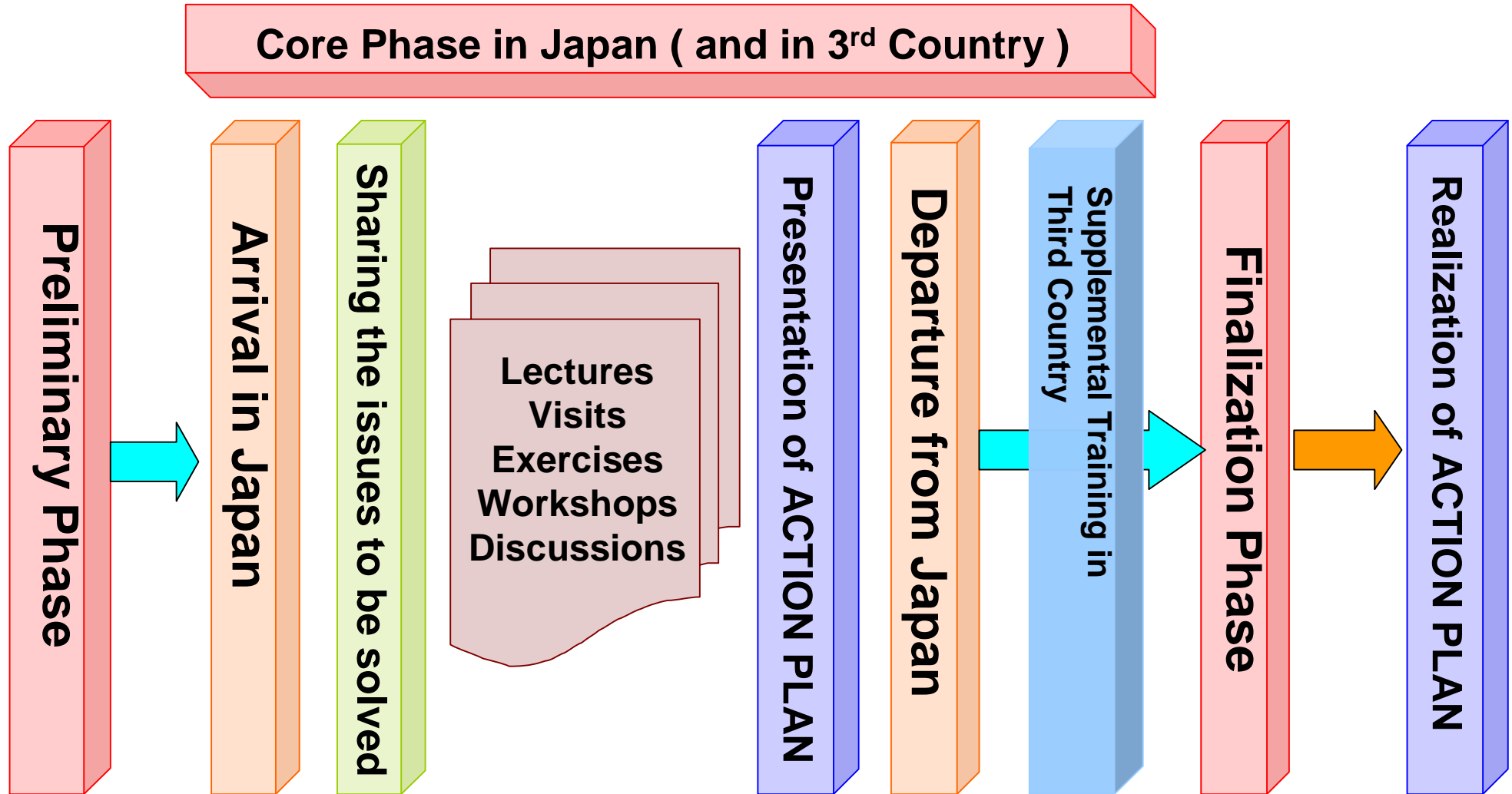
Dec ~ Jan Determination (Govt. of Japan)

Next FY ~ Implementation (JICA)

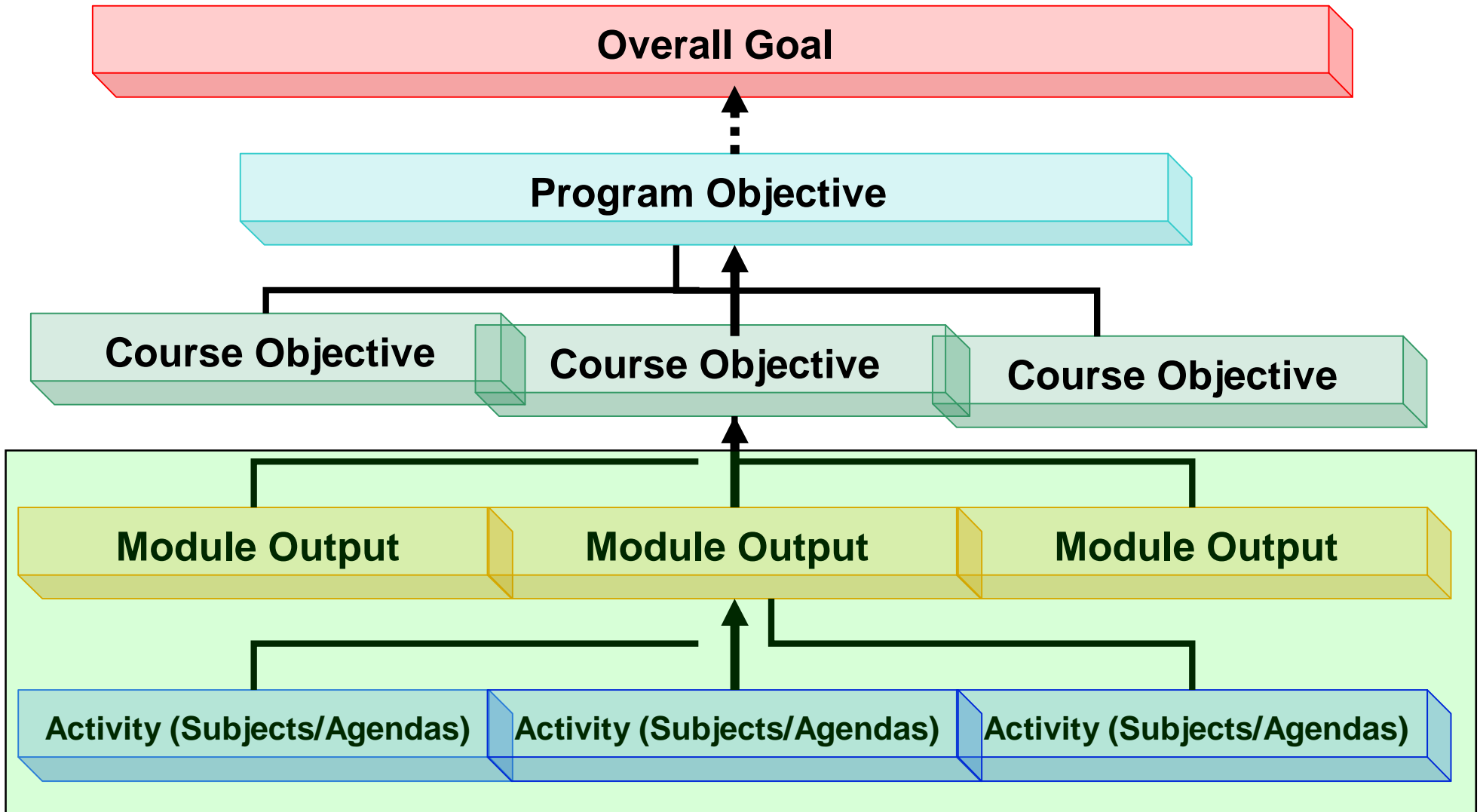
JICA Training Program (Course cycle)



JICA Training Program (Typical Structure)



JICA Training Program (Logical Framework)



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JICA Disaster Reduction Courses 28 Courses in FY 2009

Fiscal 2009 Learning courses (1)

Total 12 courses in JICA Hyogo

***Safe School against Disasters (dissemination of anti-seismic building for communities)
in South West Asian Countries***

Mental Health Services after Disaster in Asia

Disaster Prevention Management for Central Asia and the Caucasus

Control of Disasters for Central America

Medical Management for Disasters in Andean countries

Comprehensive Strategy for Recovery from Natural Disasters

Community based Disaster Prevention

Comprehensive Disaster Risk Management

Mitigation Strategy for Urban Earthquake Disaster

Maritime Search and Rescue and Disaster Prevention Course for Policy Planners

Development of Coordinators for Disaster Nursing for Middle East and Asian Countries

Dissemination and Establishment of Disaster Prevention Culture for Asian Countries

Fiscal 2009 Learning courses (2)

Total 16 courses in other JICA offices in Japan

<i>Seismology, Earthquake Engineering and Disaster Mitigation</i>
<i>Tsunami Disaster Mitigation for Asian Countries</i>
<i>Local emergency operation plan with Flood Hazard Map</i>
<i>Training Courses for Expert on Flood-related Disaster Mitigation</i>
<i>Integrated Water Resources Management</i>
<i>Disaster Risk Management Technology on Volcanic Eruption, Debris Flow and Landslide</i>
<i>Fire Prevention Techniques</i>
<i>Reinforcement of Meteorological Services</i>
<i>Development and utilization of mitigative technologies for slope-induced disasters in developing countries</i>
<i>Training on Firefighting command techniques</i>
<i>Operating Management of Earthquake-Tsunami-Volcano Eruption Observation System</i>
<i>Disaster Mitigation, Preparedness and Restoration for Infrastructure</i>
<i>Emergency / Disaster Medicine</i>
<i>JICA Disaster Network for Asia</i>
<i>Satellite Remote Sensing Data Analysis Technology for Disaster/Environment Monitoring</i>
<i>Volcanic Disaster Prevention and Management for Central and South America</i>

Courses for Disaster Reduction (Field covered)

Disaster Management

Comprehensive Disaster Management Strategy
Community based Disaster Prevention
Disaster Prevention Culture

Medical
Doctors/Nurses

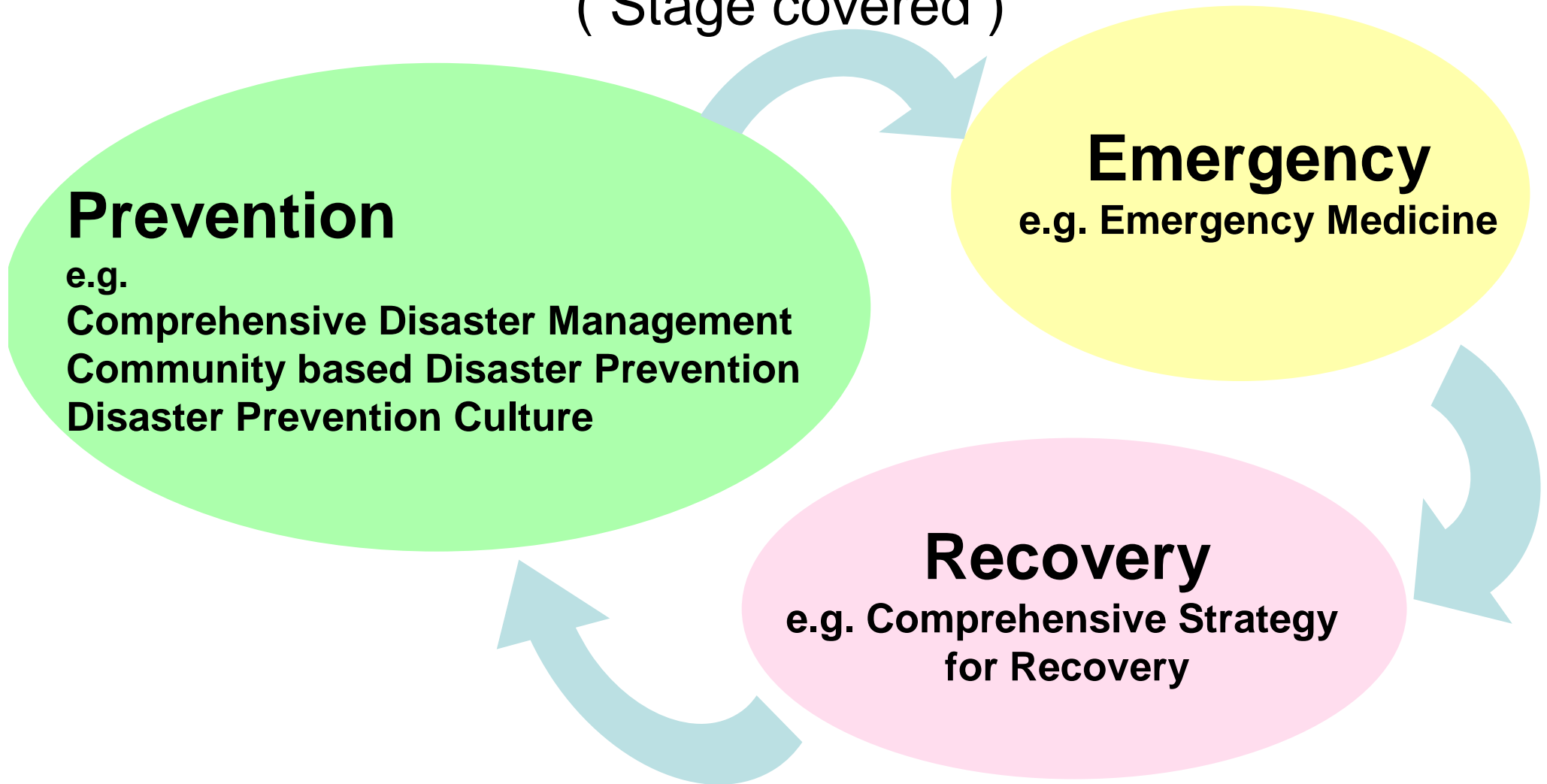
Engineering

Seismology
Hazard Mapping
Infrastructural
Eruption/Landslide
Remote Sensing

Specialized areas

Fire/Rescue
Meteorological
Maritime

Courses for Disaster Reduction (Stage covered)



Courses for Disaster Reduction

(for whom)

Engineers

e.g.

*Expert on Flood-related
Disaster Mitigation*

Specialists

e.g.

*Fire Prevention Techniques
Reinforcement of
Meteorological Services*

Comprehensive Learning

e.g.

*Comprehensive Disaster Risk Management
Mitigation Strategy for
Urban Earthquake Disaster*

Medical Officers/Nurses

e.g.


*Medical Management for Disasters
Development of Coordinators
for Disaster Nursing*

For Degree

e.g.

Tsunami Disaster Mitigation

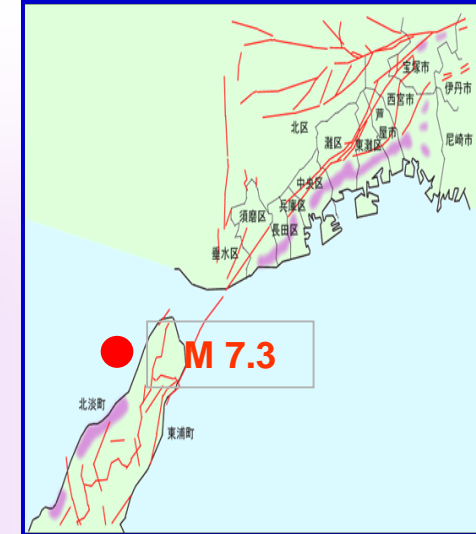
Introduction of Disaster Reduction Learning Center



MORIKAWA Hideo
Director General,
JICA Hyogo / DRLC

Great Hanshin-Awaji Earthquake

- ✦ Occurred on: Jan.17, 1995
- ✦ Scale : Magnitude 7.3
- ✦ Epicenter : Southern Hyogo
(Northern Awaji Island)
- ✦ Dead : 6,434 people
- ✦ Financial damage : JPY 10 trillion
- ✦ Evacuees: 316,678 people at peak
- ✦ Number of evacuation areas at peak: 1,153
- ✦ Buildings damaged: 512,882





UN World Conference on Disaster Reduction

(Hyogo Conference)

Date: Jan.18 – 22, 2005

Venue: Kobe, Hyogo Prefecture

**Total of 44,000 people participated from 168 countries/regions
Adopted the Hyogo Framework for Action, an international
disaster reduction strategy for the 21st century**



UN World Conference on Disaster Reduction **(Hyogo Conference)**

Adoption of the Hyogo Framework of Action (HFA)

World common goal for disaster reduction
(2005 - 2015)

1. Comprehensive consideration to disaster risks at the stage of development planning in order to attain sustainable development
2. Fostering organizations, systems and regional communities to improve the capacity to deal with disasters
3. Systematic management of disaster risk alleviation at the stages of emergency relief and subsequent reconstruction

UN World Conference on Disaster Reduction **(Hyogo Conference)**

Adoption of the Hyogo Framework of Action (HFA)

Priority action by each country to achieve goals (Practical action plans for 5 categories)

1. Strengthen institutional basis for disaster prevention
2. Identify, assess and monitor disaster risks and enhance early warning
3. Promote the use of knowledge and education of disaster prevention 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

Establishment of Disaster Reduction Learning Center

Utilizing experiences and lessons from Great Hanshin-Awaji Earthquake to support people suffered from natural disasters in developing countries

April 1, 2007
Co-establishment

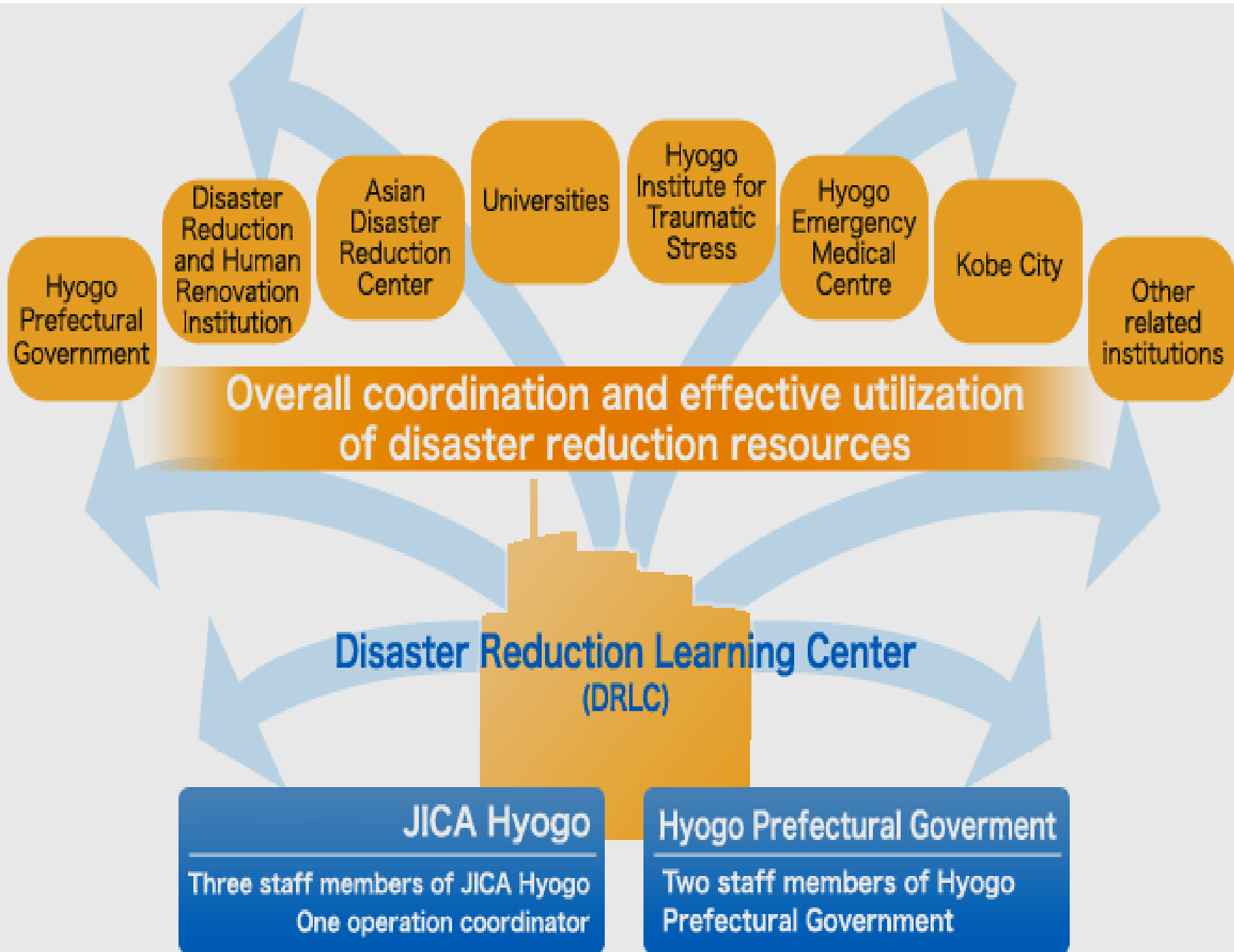


Utilizing Japan's disaster risk management to foster those people who will be involved in disaster in developing countries

HYOGO
Local Gov.



Joint project by Hyogo Local Gov. and JICA



Focal point for International Disaster Management

HAT-KOBE

WHO Kobe Center
APN Center
EMECS

JICA Hyogo International Center
Disaster Reduction Learning Center

★ JICA is Here!

ISDR Hyogo Office
IRP
ADRC
EDM
OCHA
UNCRD
Hyogo Earthquake Memorial 21th
Century Research Institute

Hyogo Emergency Medical Center
Japanese Red Cross Society
Hyogo Chapter
Hyogo Institute for Traumatic Stress

Disaster Reduction &
Human Renovation Institution
(DRI)



Function of DRLC

*Overall coordination
of learning courses in the field of disaster reduction*

***Presenting a plan of the Grand Design
for disaster reduction learning courses
in JICA***

***Hosting a liaison conference
for disaster reduction learning courses
in the whole JICA***



Implementation of Learning courses

Total 13 courses in fiscal 2008

Safe School against Disasters (dissemination of anti-seismic building for communities) in South West Asian Countries

Mental Health Services after Disaster in Asia

Disaster Prevention Management for Central Asia and the Caucasus

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Comprehensive Strategy for Recovery from Natural Disasters

Community based Disaster Prevention

Disaster Management and Preparedness in Southeast European Countries

Comprehensive Disaster Risk Management

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Scene from Learning Courses



Formation of the human network in learning courses through Internet Web Site

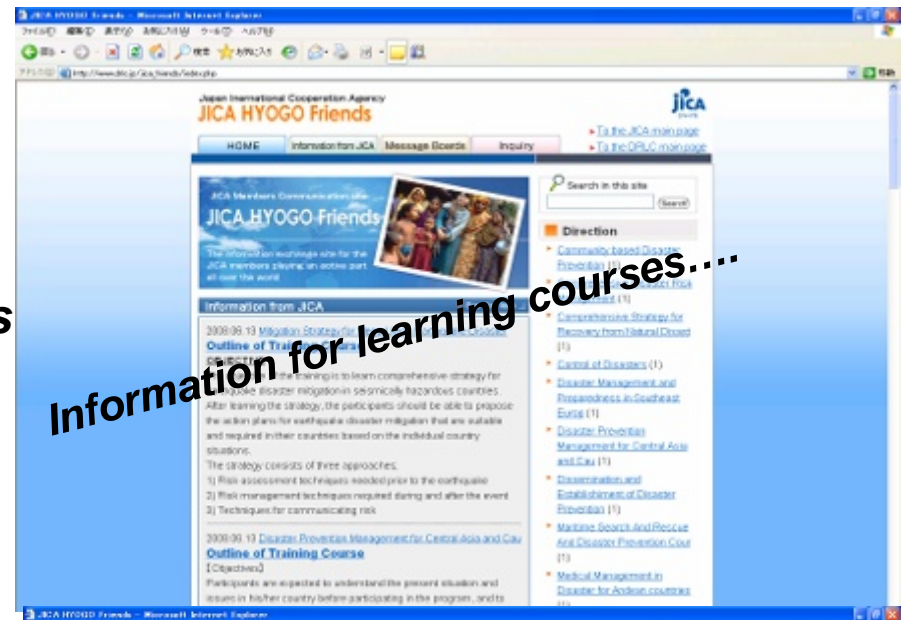
Providing pages for Interactive communication

Information from JICA and DRLC to trainees and ex-trainees

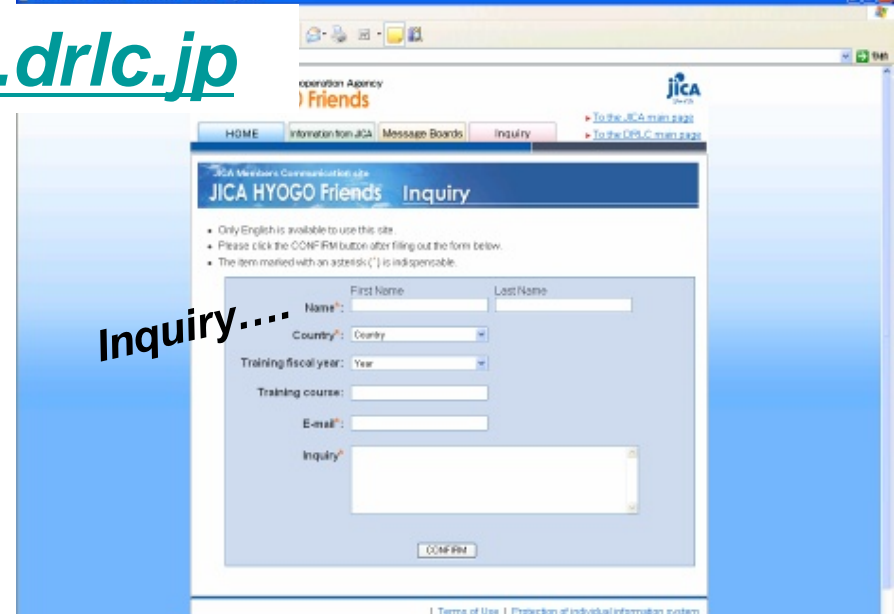
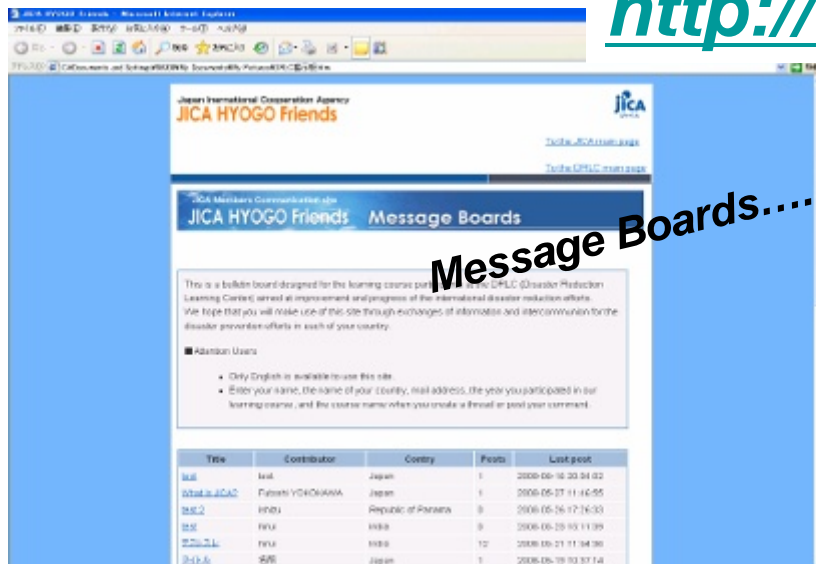
Free discussion and exchange of views

Accept inquiry from ex-trainees

to support their activities in their countries



<http://www.drlc.jp>



Support to ex-participants in JICA's learning courses



Nov.2007

***Follow-up Workshop in Japan
on the course of "Mitigation Strategy
for Mega-Urban Earthquake Disaster"***

***Follow-up Workshop in Kazakhstan
on the course of "Disaster Prevention
Management for Central Asia and the Caucasus"***
June 2007



***Follow-up Workshop in Sri Lanka
for all ex-participants of Sri Lanka***

March 2009



Feb.2008

***Follow-up Workshop in Peru
on the course of "Medical Management
for Disasters in Andean countries"***



Development of learning materials and methods for learning courses

Developing a role-playing to learn method of reconstructing communities in cooperation with University in Hyogo



Developing Disaster Management Audio Materials of Disaster info. for Community Radio Broadcasting *DMAM*

Publication of the collected lessons from the Great Hanshin-Awaji earthquake in 4 languages in cooperation with DRI



Coordination to support world's disaster restoration with human resources of Hyogo

July 2008

Restoration and Reconstruction Seminar on *the Great Sichuan Earthquake* in Beijing



November 2008

February 2009

On-site Project Formulation Study on Mental Health Care in Disasters for *the Great Sichuan Earthquake*

Development of Disaster Prevention Culture

*Planning and managing Disaster Prevention Events
Involving the citizens on the day of Great Hanshin-Awaji Earthquake*



Jan. 17, 2009

“1.17 Disaster Prevention Fair”







Thank you for your attention.

JICA Hyogo