



# Solok, Indonesia

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## Local progress report on the implementation of the Hyogo Framework for Action (2013-2014)

**Name of focal point:** Yusniar Nurdin  
**Organization:** BNPB  
**Title/Position:** Technical Support Consultant  
**E-mail address:** yusniar.nurdin@gmail.com  
**Telephone:** +6281360495899

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# Priority for Action 1

*Ensure that disaster reduction is a national and local priority with a strong institutional basis for implementation*

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## Core Indicator 1.1

*National policy and legal framework for disaster risk reduction exists with decentralized responsibilities and capacities at all levels.*

**How well are local organizations (including local government) equipped with capacities (knowledge, experience, official mandate) for disaster risk reduction and climate change adaptation?**

Level of Progress achieved: 2

Description of Progress & Achievements:

Region has issued some local regulations/documents to support the capacity development of Officials on DRR and CCA. The Local Regulation No 41/2011 on Disaster Management; Contingency Plan for Volcano Eruption and Flood; Disaster Management Plan; Zoning Area; hazard map; a mechanism for on-call budget delivery. Officials carrying out the coordination on DRR monitoring and evaluation at the area. Some activities conduct on DRR and CCA comprehension such as training by Officials and establishment of various Organizations. Local government needs to accelerate some work on contingency plan process and allocate additional budget for disaster management facilities as well as DRR activitie

**To what extent do partnerships exist between communities, private sector and local authorities to reduce risk?**

Level of Progress achieved: 3

Description of Progress & Achievements:

Disaster Risk Reduction Forum is established to facilitate stakeholders participation on the issues; province and district Local Management Office implementing the Resilient Village Program and Disaster Preparedness Group with support from national. The information network on DRR is existing with the membership from local radio network and local journalist. The organizational partnership among community, private sector and government need to be strengthen and increase private sectors participation on DRR program.

## **Core Indicator 1.2**

*Dedicated and adequate resources are available to implement disaster risk reduction plans and activities at all administrative levels.*

### **How far does the local government have access to adequate financial resources to carry out risk reduction activities?**

Level of Progress achieved: 3

Description of Progress & Achievements:

Local Budget and Expenditure has allocated the disaster management fund and some private sectors and NGO tend to involve on emergency response. Additional allocation budget is need to increase the availability of disaster management facilities and encourage the fund allocation from private sector on DRR activities.

### **To what degree does the local government allocate sufficient financial resources to carry out DRR activities, including effective disaster response and recovery?**

Level of Progress achieved: 3

Description of Progress & Achievements:

Allocation budget for disaster risk reduction, disaster response and effective early

allocated to Officials and availability of on-call budget for emergency response. The comprehension of DRR needs to encourage among Official with expectation realization of DRR aspect on program. On the other hand, Officials coordination on DRR program to be enhancing. Province and national might increase their budget allocation for DRR activities at local level.

## **Core Indicator 1.3**

*Community participation and decentralization are ensured through the delegation of authority and resources to local levels.*

**How much does the local government support vulnerable local communities (particularly women, elderly, infirmed, children) to actively participate in risk reduction decision-making, policy making, planning and implementation processes?**

Level of Progress achieved: 3

Description of Progress & Achievements:

Local disaster management plan has considered the vulnerable group and some institution actively involving the vulnerable community into program. Health Office and Indonesian Red Cross program at community level targeting the vulnerable group not just as the object but as the subject. Local Development Plan Forum might as a forum to be integrated with DRR issue and involvement of vulnerable community. Enhancing comprehension of stakeholders on vulnerable group participation local planning is important.

**To what extent does the local government provide training in risk reduction for local officials and community leaders?**

Level of Progress achieved: 2

Description of Progress & Achievements:

Local DM Office conduct some training on DRR for local officials and community leaders; the activities not conduct regularly yet. Staff rotation at government level caused loss of human resources capacity and lack of effort for DRR knowledge spread out among local official and community leaders

### **How regularly does the local government conduct awareness-building or education programs on DRR and disaster preparedness for local communities?**

Level of Progress achieved: 2

Programs include cultural diversity issues	Yes
Programs are sensitive to gender perspectives	Yes

#### **Description of Progress & Achievements:**

Local government distributes material on Preparedness Village Program and DRR includes as the after school program (Boy scout and Teenage Red Cross). Local Education Office and Local DM Office need to set up a program on inclusion of DRR into school subjects and additional budget allocation is important for program implementation.

## **Core Indicator 1.4**

*A national multi-sectoral platform for disaster risk reduction is functioning.*

### **To what extent does the local government participate in the national DRR planning?**

Level of Progress achieved: 2

#### **Description of Progress & Achievements:**

Local DM Office irregularly involvement on national disaster risk reduction development program and input might deliver based on local DRR experience.

# Priority for Action 2

*Identify, assess and monitor disaster risks and enhance early warning*

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## Core Indicator 2.1

*National and local risk assessments based on hazard data and vulnerability information are available and include risk.*

**To what degree does the local government conducted thorough disaster risk assessments for key vulnerable development sectors in your local authority?**

Level of Progress achieved: 3

Description of Progress & Achievements:

Document Hazards Prone Area for Talang Api Volcano is developed and completed with Zoning area of hazards. Region also had Risk Assessment Document. Hazards Prone Area document needs regularly update and coverage area of the document might improves

**To what extent are these risk assessments regularly updated, e.g. annually or on a bi-annual basis?**

Level of Progress achieved: 2

Description of Progress & Achievements:

Existing risk maps not regularly update and Officials plan to evaluate the documents. Monitoring of document implementation is need to carry out by Officials to evaluate its strengthen and weakness.

**How well are disaster risk assessments incorporated into all relevant local development planning on a consistent basis?**

Level of Progress achieved: 2

**Description of Progress & Achievements:**

Disaster Management Plan 2013-2017 set up and Local Long Term Development is synchronize with risk assessment document. Human resources capacity need improvement for local document management as well as its socialization to stakeholders as part of document to be consider on development planning.

**To what extent have local schools, hospitals and health facilities received special attention for "all hazard" risk assessments in your local authority?**

Level of Progress achieved: 1

Schools	Yes
Hospitals/ health facilities	No

**Description of Progress & Achievements:**

No parties yet takes part on multi-risk assessment for school and hospital/public facilities. Indonesian Red Cross initiates to facilitates disaster risk activities at 9 schools. Officials to priority risk assessment at school and hospital/public facilities by allocates budget and prepares human resources capacity.

**How safe are all main schools, hospitals and health facilities from disasters so that they have the ability to remain operational during**



## emergencies?

Level of Progress achieved: 2

Schools	Yes
Hospitals/ health facilities	No

### Description of Progress & Achievements:

Emergency plan developed at 9 schools in area under Indonesian Red Cross support and some schools and hospital have standard operating procedures and emergency response plan. Replication of preparedness program at school and hospital/health facilities is important to increase capacities to face disaster. No assessment conduct to assess the safety of school and hospital/public facilities by Officials and other parties.

## Core Indicator 2.2

*Systems are in place to monitor, archive and disseminate data on key hazards and vulnerabilities.*

-- No questions related to local context --

## Core Indicator 2.3

*Early warning systems are in place for all major hazards, with outreach to communities.*

**To what extent are early warning centres established, adequately staffed (or on-call personnel) and well resourced (power back ups, equipment redundancy etc) at all times?**

Level of Progress achieved: 4

## Description of Progress & Achievements:

Some early warning are established, among others Meteorology and Climatology Agency installed the equipment for weather monitoring; the Local DM Office established the Emergency Operating Center; the Public Work installed flood warning equipment; the Volcano and Geological Hazards Mitigation Center installed the CCTV to monitor the Talang Api Volcano activities. Limited human resources in number and capacity as well as equipment is experiencing by the region.

### **How much do warning systems allow for adequate community participation?**

Level of Progress achieved: 3

## Description of Progress & Achievements:

Community use some simple equipment to involve o early warning system such as mobile phone, mosque loud speaker, handy talky and other traditional tools; local radio station actively involving to broadcast early warning information. Standard of early warning system implementation at government and community is need to develop.

## **Core Indicator 2.4**

*National and local risk assessments take account of regional/trans-boundary risks, with a view to regional cooperation on risk reduction.*

### **How well are local government risk assessments linked to, and supportive of, risk assessments from neighbouring local authorities and state or provincial government risk management plans?**

Level of Progress achieved: 3

## Description of Progress & Achievements:

Region developed an MoU on Disaster Management with neighbouring area, Kota Solok and together working on management of Hazard Prone Area. The difference between those two Local Income and Expenditure Plan constrained the collaboration process. National and province needs to provide support to region on neighbouring risk assessment mechanism.

# Priority for Action 3

*Use knowledge, innovation and education to build a culture of safety and resilience at all levels*

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## Core Indicator 3.1

*Relevant information on disasters is available and accessible at all levels, to all stakeholders (through networks, development of information sharing systems, etc).*

**How regularly does the local government communicate to the community, information on local hazard trends and risk reduction measures (e.g. using a Risk Communications Plan) including early warnings of likely hazard impact?**

Level of Progress achieved: 4

Description of Progress & Achievements:

Officials have some equipment for information spread out (radio and communication vehicle) on disaster. One of active volcano at the area, Talang Api installed with CCTV as the collaboration of Local DM Agency together with Volcano and Geology Hazards Mitigation Center. Some Officials set up the disaster post information in regard to existing hazards. Some information materials (leaflet and banner) install and distribute to vulnerable area. Officials need to increase their collaboration for more effective disaster information spread out to community.

## Core Indicator 3.2

*School curricula, education material and relevant trainings include disaster risk reduction and recovery concepts and practices.*

**To what degree do local schools and colleges include courses, education or training in disaster risk reduction (including climate related risks) as part of the education curriculum?**

Level of Progress achieved: 2

## Description of Progress & Achievements:

Some schools adopted the DRR aspect into after school activities; Teenage Red Cross and Student Environment Group involves on humanitarian activities. No clear regulation available to manage DRR mainstreaming into school/university/courses subject. Local budget to be allocated to support the DRR activities at school level.

### **Core Indicator 3.3**

*Research methods and tools for multi-risk assessments and cost benefit analysis are developed and strengthened.*

-- No questions related to local context --

### **Core Indicator 3.4**

*Countrywide public awareness strategy exists to stimulate a culture of disaster resilience, with outreach to urban and rural communities.*

-- No questions related to local context --

# Priority for Action 4

*Reduce the underlying risk factors*

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## Core Indicator 4.1

*Disaster risk reduction is an integral objective of environment related policies and plans, including for land use, natural resource management and adaptation to climate change.*

**How well integrated are local government DRR policies, strategies and implementation plans with existing environmental development and natural resource management plans?**

Level of Progress achieved: 2

Description of Progress & Achievements:

Some of projects development established the environment impact analysis (mining and fuel station development) and some community groups conduct the 3R (reduce, recycle and reuse) program on waste management. Environment Body needs improvement for human resource number and capacity as well as additional budget allocation to effectively supervise the development link to environment and natural resources management.

**How far do land use policies and planning regulations for housing and development infrastructure take current and projected disaster risk (including climate related risks) into account?**

Level of Progress achieved: 2

Housing	Yes
Communication	Yes

Transportation	Yes
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Energy	Yes
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#### Description of Progress & Achievements:

Local government issued Local Regulation No.3/2012 on Building and Local Regulation No. 27/2013 on Local Land Use Coordination Body. Local development for housing, public building and infrastructure should based on those regulations. Officials need to increase the supervision and monitoring on local development adjust to apply regulations. The Local Land Use Coordination Body performances will support the DRR capacity of the region.

#### **How well are risk-sensitive land use regulations and building codes, health and safety codes enforced across all development zones and building types?**

Level of Progress achieved: 2

#### Description of Progress & Achievements:

Lack of socialization of Local Regulations linked to land use and building codes impacts to some violation of land use regulation as well as building codes which pointed to increasing of risk.

#### **How strong are existing regulations (e.g. land use plans, building codes etc) to support disaster risk reduction in your local authority?**

Level of Progress achieved: 2

#### Description of Progress & Achievements:

Some local regulations available to support disaster risk implementation at the area. Intense socialization, monitoring and evaluation of land use, community and other stakeholders participation on regulations implementation define the success of disaster risk implementation at the area.

### **To what degree does the local government support the restoration, protection and sustainable management of ecosystems services?**

Level of Progress achieved: 3

Forests	Yes
Coastal zones	No
Wetlands	No
Water resources	Yes
River basins	Yes
Fisheries	No

### **Description of Progress & Achievements:**

There are some program implementing by Officials for environment protection among others Forest Ranger to supervise the environment preservation; some documents available for preservation of watershed and water resources at Environment Body; the ecosystem protection has included into land use regulation. There are many environment exploitation commit by community without consideration environment sustainability such as uncontrolled utilize of chemistry fertilizer; shifting agriculture practices; illegal logging; and some communities open new field at steep area. Intense information spread is require to increase community awareness on save environment exploitation to minimize the risk.

### **How much do civil society organizations and citizens participate in the restoration, protection and sustainable management of**



## **ecosystems services?**

Level of Progress achieved: 2

Description of Progress & Achievements:

Some villages (nagari) implementing the 3R program as their waste management program; the local preparedness program at community level (Preparedness Village and Resilient Village) increase the community capacity on environment management and recovery. Community comprehension on sustainable ecosystem service need to developed to engage more participation from them on the program.

## **How much does the private sector participate in the implementation of environmental and ecosystems management plans in your local authority?**

Level of Progress achieved: 2

Description of Progress & Achievements:

Some of private sectors established the environment unit protection as part of community empowerment program where the business located. Some of private sector activities violated the environment aspect on operational also lack of attention give to environment management and ecosystem. Intense local regulations socialization is strategic to improve private sector participation on the environment and ecosystem management and strict supervision and evaluation to be conducted by local government.

## **Core Indicator 4.2**

*Social development policies and plans are being implemented to reduce the vulnerability of populations most at risk.*

## **What is the scope of financial services (e.g. saving and credit**

**schemes, macro and micro-insurance) available to vulnerable and marginalised households for pre- disaster times?**

Level of Progress achieved: 3

Description of Progress & Achievements:

Community Empowerment Body establish loan program for poor community to support the livelihood activities. Scholarship program for poor student, support for senior citizen facilitates by Social Office. Availability of vulnerable households/group data hinder by lack of information and low performance of Verification Team.

**To what extent are micro finance, cash aid, soft loans, lone guarantees etc available to affected households after disasters to restart livelihoods?**

Level of Progress achieved: 2

Description of Progress & Achievements:

There is cash support provides by the government to support households livelihood activities post disaster but it still limited. Officials needs to develop the mechanism on post disaster fund delivery and engages more stakeholders to provide fund resources.

## **Core Indicator 4.3**

*Economic and productive sectorial policies and plans have been implemented to reduce the vulnerability of economic activities.*

**How well established are economic incentives for investing in disaster risk reduction for households and businesses (e.g. reduced insurance premiums for households, tax holidays for**

**businesses)?**

Level of Progress achieved: 2

Description of Progress & Achievements:

Local government issued the Local Regulation No. 7/2011 on Local Taxes that covers tax reduce; Local Regulation No. 49/2011 on Taxes Service Unity for Local Investment. Enhance Officials and related stakeholders comprehension of Local Regulation No. 49/2011 is important to fluent the implementation process.

**To what extent do local business associations, such as chambers of commerce and similar, support efforts of small enterprises for business continuity during and after disasters?**

Level of Progress achieved: 1

Description of Progress & Achievements:

No initiation to involve the businesses association to support the small enterprises continuity post disaster. Local government need to develop a database on businesses association at the region and set up a mechanism to encourage their involvement on post disaster recovery.

## **Core Indicator 4.4**

*Planning and management of human settlements incorporate disaster risk reduction elements, including enforcement of building codes.*

**How adequately are critical public facilities and infrastructure located in high risk areas assessed for all hazard risks and safety?**

Level of Progress achieved: 2

## Description of Progress & Achievements:

Based to Local Regulation No. 3/2012 on Building the feasibility test apply to highway, health facilities and a part of schools. The Officials need to increase their coverage area for public facilities and infrastructures feasibility test and additional budget allocation.

### **How adequate are the measures that are being undertaken to protect critical public facilities and infrastructure from damage during disasters?**

Level of Progress achieved: 3

## Description of Progress & Achievements:

Budget allocation and mechanism for building maintenance is available; some Offices equipped with fire extinguisher. Additional budget is requires for public facilities and infrastructures maintenance and more Public facilities to be equipped with fire extinguisher.

## **Core Indicator 4.5**

*Disaster risk reduction measures are integrated into post disaster recovery and rehabilitation processes.*

### **How well are disaster risk reduction measures integrated into post-disaster recovery and rehabilitation activities (i.e. build back better, livelihoods rehabilitation)?**

Level of Progress achieved: 3

## Description of Progress & Achievements:

Disaster risk reduction has been adopted into emergency operation plan, recovery plan and rehabilitation and reconstruction process. During the emergency plan, the emergency shelter constructed at safe area. On recovery plan, the program cash for work is apply to support community ability to restart their livelihood activities. The build back better principles is apply on rehabilitation and reconstruction phase. The improvement of existing contingency plan is requires on accurate of data and aid support.

## Core Indicator 4.6

*Procedures are in place to assess the disaster risk impacts of major development projects, especially infrastructure.*

**To what degree do local government or other levels of government have special programs in place to regularly assess schools, hospitals and health facilities for maintenance, compliance with building codes, general safety, weather-related risks etc.?**

Level of Progress achieved: 2

Schools	Yes
Hospitals/ health facilities	Yes

Description of Progress & Achievements:

Local and national budget allocation is available for regularly assess the school, hospital and health facilities in regards to maintenance, building codes and general safety with some obstacles on implementation. Human resource capacity is needs improvement.

# Priority for Action 5

*Strengthen disaster preparedness for effective response at all levels*

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## Core Indicator 5.1

*Strong policy, technical and institutional capacities and mechanisms for disaster risk management, with a disaster risk reduction perspective are in place.*

-- No questions related to local context --

## Core Indicator 5.2

*Disaster preparedness plans and contingency plans are in place at all administrative levels, and regular training drills and rehearsals are held to test and develop disaster response programmes.*

**How regularly are training drills and rehearsal carried out with the participation of relevant government, non-governmental, local leaders and volunteers?**

Level of Progress achieved: 2

Description of Progress & Achievements:

Only some organization such as Indonesian Red Cross actively implementing the training drills for community and schools. Meanwhile at village level, Resilient Village and Preparedness Disaster Village conduct the training drills as part of the program. Officials need to allocate more budget for routine drill activities under preparedness program and wider coverage area.

**How available are key resources for effective response, such as emergency supplies, emergency shelters, identified evacuation routes and contingency plans at all times?**

Level of Progress achieved: 3

Stockpiles of relief supplies	Yes
Emergency shelters	Yes
Safe evacuation routes identified	Yes
Contingency plan or community disaster preparedness plan for all major hazards	Yes

#### Description of Progress & Achievements:

Officials allocated some budget for emergency response; some of equipment available such as tent, medicine, rice and basic kit. The evacuation route is available and 2 contingency plan is provides for volcano eruption and flood. There is A plan to develop all contingency plan for existing hazards at the area.

#### **To what extent does the local government have an emergency operations centre (EOC) and/or an emergency communication system?**

Level of Progress achieved: 3

#### Description of Progress & Achievements:

Operational Emergency Center (EOC) is established under Local DM Office but it is temporary set up as Emergency Response Command Post legalized with Regent Decree. A permanent EOC need to established and fully equipped and support with professional staff.

#### **How aware are citizens of evacuation plans or drills for evacuations**

## **when necessary?**

Level of Progress achieved: 3

### **Description of Progress & Achievements:**

A part of community targeted for evacuation plan formulation and involve on training drills. The evacuation route maps and evacuation sign boards is available for community live at prone areas. Coverage area of evacuation plan and training drill need improvement. Community knowledge on risk to be enhanced to increase their participation on evacuation drills. There is a need for more installation of evacuation map and evacuation sign boards.

## **To what degree does the Contingency Plan (or similar plan) include an outline strategy for post disaster recovery and reconstruction, including needs assessments and livelihoods rehabilitation?**

Level of Progress achieved: 2

### **Description of Progress & Achievements:**

Contingency plan for volcano eruption and flood formulated by consider needs of rehabilitation and reconstruction activities post disaster. Legalization of those contingency plans is important as the Officials guideline when disaster occurs.

## **How far are regular disaster preparedness drills undertaken in schools, hospitals and health facilities?**

Level of Progress achieved: 2

Schools	Yes
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**Description of Progress & Achievements:**

Some schools and hospital has set a mechanism on routine drills for disaster preparedness. Number of schools conduct disaster preparedness is limited and there is a needs to conduct drills for schools located at vulnerable area.

**Core Indicator 5.3**

*Financial reserves and contingency mechanisms are in place to support effective response and recovery when required.*

**To what degree do local institutions have access to financial reserves to support effective disaster response and early recovery?**

Level of Progress achieved: 2

**Description of Progress & Achievements:**

Officials allocated a small amount of budget for emergency response, on-call budget is available and accessible anytime of disaster also additional financial support from province and national. Community spontaneously gather aid for emergency response. Local government is trying to endorse private sectors participation on emergency response. There is a need to engage private sector participation by an MoU.

**How much access does the local government have to resources and expertise to assist victims of psycho-social (psychological, emotional) impacts of disasters?**

Level of Progress achieved: 3

**Description of Progress & Achievements:**

Some early warning are established, among others Meteorology and Climatology Agency installed the equipment for weather monitoring; Local DM Office established the Emergency command post; the Public Work installed flood warning equipment; the Volcano and Geological Hazards Mitigation Center installed the CCTV to monitor the Talang Api Volcano activities. Limited human resources in number and capacity as well as equipment is experiencing by the region.

## **Core Indicator 5.4**

*Procedures are in place to exchange relevant information during hazard events and disasters, and to undertake post-event reviews.*

-- No questions related to local context --