



# Lebak, Indonesia

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## Local progress report on the implementation of the 10 Essentials for Making Cities Resilient (2013-2014)

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# Essential 1

*Put in place organization and coordination to understand and reduce disaster risk, based on participation of citizen groups and civil society. Build local alliances. Ensure that all departments understand their role to disaster risk reduction and preparedness.*

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## **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:

Disaster Risk Reduction (DRR) and Climate Change Adaptation (CCA) has implicit and explicit stated in Long Term Local Development Planning. Organizational for DRR and CCA achievement is established and by sector has included as strategic plan and annual work plan. Achievement of DRR and CCA program as sector development limited by comprehension.

## **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:

Local Disaster Management Office and Social Office support establishment of DRR Forum and Volunteer Group (Disaster Preparedness Forum at Sukamekarsari, Cijoro Lebak, Wanasalam and Banjarsari village). Meanwhile, Village Volunteer Group established at 28 sub districts as well as professional volunteer group called Tagana. Marine and Fisheries Office implementing national program called Resilient Coastal Village. Health Office carry out Preparedness and Health Village. Limited human resources in number and quality is constrained coverage area of program

implementation.

**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: 2

**Description of Progress & Achievements:**

Community involvement on local planning facilitates through village local planning forum at village and sub district level. Unfortunately it is limited to accommodate disaster risk reduction issue considering level of community comprehension. Local government might initiates introduces of DRR to community and encourage community/vulnerable group on local planning process.

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

Level of Progress achieved: 2

**Description of Progress & Achievements:**

Disaster risk reduction is integrated by sector and local government will propose DRR activities to national level through line ministries. Right now, local government experiencing not all DRR program accommodated into local development limited by local capacity.

## Essential 2

*Assign a budget for disaster risk reduction and provide incentives for homeowners, low-income families, communities, businesses and public sector to invest in reducing the risks they face.*

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

Level of Progress achieved: 2

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

Local budget allocation for disaster risk activities is spread among sectors and province and national also provides fund. National program on DRR generally implementing on community empowerment on DRR at village level. Local government has lack capacity to absorb fund allocated by national on DRR.

### **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: 2

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

Some program on disaster risk reduction is implementing in region on sector based as well as national support. On-call budget is available which accessible when disaster takes place and some sector also allocated fund for emergency response. Potential fund resources might access by government is private sector.

### **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:**

Existing financial resources in region for vulnerable households prior disaster is safe and loan program (Koperasi) and insurance. Safe and Loan Program (Koperasi) requires socialization to enhance vulnerable group participation. Insurance program is available although limited. Insurance claim post disaster is faces difficulty caused by complicated requirement and insurance not always accessible by vulnerable group.

## **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:**

Credit from conventional banks is available as capital for affected households to restart livelihood activities post disaster. Local government needs to collaborate with bank and other private sectors on provide accessible fund aid to community post disaster. Conventional bank to establish a specific fund support for community affected by disaster with special treatment from general one.

## **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:

Reward program has been promoted by local government on disaster risk reduction program. Its implementation is constrained by limited DRR knowledge from community and lack of concern from private sector.

**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: 3

Description of Progress & Achievements:

Alms program has been regulated by local government that private sectors to support economic activity of small business through Local Alms Body. These funds are allocated for economic community empowerment. Limited participation of private sector on program constrained by DRR comprehension.

## Essential 3

*Maintain up-to-date data on hazards and vulnerabilities, prepare risk assessments and use these as the basis for urban development plans and decisions. Ensure that this information and the plans for your city's resilience are readily available to the public and fully discussed with them.*

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### **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: 2

#### Description of Progress & Achievements:

Local Land Use has regulated risk consideration into local development activities. Environment aspect has been stated as requirement prior development execution by completion of environment analysis impact. Implementation of risk assessment to key development sectors is hinder by weak supervision and law enforcement as well as comprehension of land use regulation from community and awareness of other actors.

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

Level of Progress achieved: 3

#### Description of Progress & Achievements:

A part of villages and sub districts participate on risk mapping and report to Local DM Office which build up as risk database. Some technical institution regularly updates risk data such as Meteorology and Climatology Agency as well as Health Office regularly updates health data in region on mother and child mortality, outbreak. Local Police Office regularly update regional security information.

**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:**

? District Police regularly updating data on regional security. Local Health Office, Social Office, Marine and Fisheries Office and Local Disaster Management Office conduct socialization and risk information distribution to community through community empowerment program on DRR. Meteorology and Climatology Agency regularly updates weather information to linked officials and community. Limited early warning system and fund allocation in region constrained risk information spread out to community. Local government to increase coverage area of community empowerment program on DRR that essential to decrease community vulnerability.

**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: 2

**Description of Progress & Achievements:**

Local government has develop an agreement with neighbouring district on fire case.

**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:

Commonly development activities fulfill environment assessment prior development permit issued and frequently violate during development process. On the other side, risk assessment not yet integrated into environment impact analysis. Strong supervision is important to assure development execution based to approve plan. Human resources capacity to be increased as well as supporting facilities. Rangkasbitung, Warunggunung, Wanasalam, Banjarsari area not issued mining permit considering to over exploitation of area.

# Essential 4

*Invest in and maintain critical infrastructure that reduces risk, such as flood drainage, adjusted where needed to cope with climate change.*

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## **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: 3

Housing	Yes
Communication	Yes
Transportation	Yes
Energy	Yes

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

Through local land use and spatial, local government has determined zoning area. District is divided into 2 areas as main development area and buffer development area. Zoning are divided into industry, settlement, tourism, trade, agriculture, forest conservation, conditional mining and coastal development. Strong commitment on law enforcement is essential to supervise local development based to land use regulation.

## **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:**

Local government through technical officials and Local Development Planning Body has planned work plan based to regional condition. Public facilities and infrastructures limited assess on existing risk caused by lack of budget allocation and human resources capacity.

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

Level of Progress achieved: 2

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

Technical official has allocated a small amount of fund for regular maintenance of public facilities and infrastructures. It is limited to conduct assessment to protect these facilities safety from disaster damages. Community participation also important on public facilities maintenance. Irresponsibility action of community might accelerates public facilities damage.

# Essential 5

*Assess the safety of all schools and health facilities and upgrade these as necessary.*

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**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	No
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Hospitals/ health facilities No

Description of Progress & Achievements:

Some schools, hospital and health facilities has introduces and implementing disaster risk reduction activities. Linked Official not fully pay attention on safety of these facilities caused it is not prioritize yet for physical maintenance, budget only allocated for development after these facilities damaged.

**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: 3

Schools	Yes
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Hospitals/ health facilities Yes

Description of Progress & Achievements:

Recent building of schools, hospital and health facilities is develop based to technical standard adjust to local condition and earthquake safe. Old building of these facilities developed not adjust to standard of local condition and not safe to earthquake. Local government is essential to assess safety of these facilities.

**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:**

Through Special Allocation Fund (DAK), Education Office and Health Office allocates some amount of money for physical rehabilitation. No budget allocates to assess schools, hospitals and health facilities in routine for maintenance, building codes fulfillment, general safety and risk related weather.

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

Level of Progress achieved: 2

Schools	Yes
Hospitals/ health facilities	Yes

**Description of Progress & Achievements:**

Only some schools and hospitals implementing drills. Generally drill implementation limited by budget allocation.

## Essential 6

*Apply and enforce realistic, risk compliant building regulations and land use planning principles. Identify safe land for low-income citizens and develop upgrading of informal settlements, wherever feasible.*

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### **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:

Land use regulation became guidance on local development activities such as zoning activities areas. Land utilization in district divided into protection area and cultivation area. To assure protection all district area, some sub districts area in region has formulated detail land use as effort to manage area utilization based to condition to reduce risk. District still experiencing violation of land use such as land conversion and misappropriated development activities.

### **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:

Land use and building codes has been regulated by local government. Relocation of population from landslide prone area is carried out by local government. Low economic standard of community impact to limited capacity to apply building codes into development activities by them. Land use violation also taking place by housing development at prone area by poor population. Socialization of land use and building codes is important to be enhancing. Local government to consider support for poor

and vulnerable community living at prone area on housing development.



# Essential 7

*Ensure education programmes & training on disaster risk reduction are in place in schools and communities.*

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

Level of Progress achieved: 3

Programs include cultural diversity issues	Yes
Programs are sensitive to gender perspectives	No

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

Direct and indirect program carry out by sector on education awareness and disaster preparedness program. Local DM Office has include DRR socialization as its regular activities. Some DRR program at community level is effective on education awareness and disaster preparedness to community but with limited coverage area. Local government also collaborates with Police and Military in regard to terrorism.

## **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:**

Education and training for official on disaster risk reduction is carry out by Local DM Office but with limited coverage. Other technical institution also provides training and education based to sector function such as Environment aspect inserted with disaster

risk reduction. Disaster risk reduction socialization implement to head of sectors, sub district level and legislative parties. Coordination meeting among sector at district and sub district level inserted with DRR. Regular program on DRR education and training for official and community leader is to be included into sector work plan.

**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: 1

**Description of Progress & Achievements:**

Very limited integration of disaster risk reduction into local curriculum at school and university level. Local government plays essential role to encourage DRR into school/university into existing subject or after school activities. It is very important for student to know about DRR and they might become potential cadre for family and community.

**How aware are citizens of evacuation plans or drills for evacuations when necessary?**

Level of Progress achieved: 2

**Description of Progress & Achievements:**

Some drills and simulation is implementing with community participation. Limited participation of community on evacuation plan. It is important to involve community on evacuation plan formulation consider to community as user of these plan.

# Essential 8

*Protect ecosystems and natural buffers to mitigate floods, storm surges and other hazards to which your city may be vulnerable. Adapt to climate change by building on good risk reduction practices.*

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## **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:

Environment aspect has considered on local development process. Land Use regulation divided zoning into protection area and cultivation area (agriculture and non agriculture). Potential natural resources mainly mining and tourism is not optimum explore. These 2 sectors are linked to environment utilization for economic activities. Local government has determine some documents to be completed as environment protection on development process. Right now there are some area no longer issued mining permit to decrease high exploitation of natural resources that leads to unbalance. Risk assessment not included yet into environment analysis, some development activities is increasing of hazards such as mining activities. Local government has coordinates among linked officials on environment permit issuance. It is essential for local government to has a comprehensive risk assessment on natural resources management and environment development.

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

Level of Progress achieved: 4

Forests	Yes
Coastal zones	Yes

Wetlands	No
Water resources	Yes
River basins	Yes
Fisheries	No

### Description of Progress & Achievements:

Tree planting as forest reforestation is conducted in the region by the Forestry Office called 1 billion tree planting program. To protect the coastal area, mangrove planting is supported by the Marine and Fisheries Office and the private sector. Resilient Coastal Village with limited coverage area has increased community awareness on coastal exploration for livelihood activities. Local government regularly implements the Friday Clean program by participating of all stakeholders that target a clean environment. Some of the program on restoration, protection, and sustainable ecosystem management is project based and exit strategy is important to raise community ownership as well as continuity of mentoring. Land reclamation needs to be regulated by local government post mining activities.

### **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:

Partial activities on environment program participate by civil society organization (CSO). In general CSOs are working on community empowerment and not yet linked it to restoration, protection and sustainable ecosystem management. It might happen caused by lack of risk reduction knowledge as part of sustainability community empowerment 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: 3

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

Private sector in area participates on disaster risk reduction as part of environment and ecosystem planning. Kind of support given by private sector among others mangrove seedling for coastal protection; sanitation facilities such as truck and garbage bin; seedlings for reforestation activities at watershed. Until now, no formal agreement between local government and private sector on environment and ecosystem program as par of risk reduction.

## Essential 9

*Install early warning systems and emergency management capacities in your city and hold regular public preparedness drills.*

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

Level of Progress achieved: 3

#### Description of Progress & Achievements:

For emergency response, linked officials such as Local DM Office, Health Office and Social Office has allocated budget with small amount. On-call budget available in region as part of District Local Income and Expenditure that accessible when disaster occurs and a mechanism of usage if available. Private sectors provides logistic and equipment for emergency response and local government plan to engage them on financial support included for effective early recovery.

### **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:

Emergency operating center is established in region with operational staff and adequate equipped. Meteorology and Climatology Agency has equipment for daily weather condition monitoring. Mainly area is prone to 3 main hazards, flood, landslide and hurricane. Early warning system for these hazards is important to be established, equipped and operate by competent human resources.

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

Level of Progress achieved: 3

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

Local radio participates on risk information delivery to community. Local wisdom is using by community on early warning system. High intensity risk of rainfall has been managed by community consider area is prone to landslide and flood by higher building and evacuate when requires. Early warning system is to be completed in region with wider coverage area to reach community. Socialization of existing early warning system also important to enhance community capacity to absorb it.

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

Level of Progress achieved: 5

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

Emergency Operating Center is available, adequate equipped and professional operating staff is deployed. Emergency Command Post also established at 28 sub districts; volunteer organization is existing; emergency operating procedures is formulated. Facilities and supporting facilities at sub districts/villages emergency command post is consider limited.

## **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: 4

## Description of Progress & Achievements:

Regularly drills and simulation implementing by Local DM Office in annual based by involving of community, local government and private sectors. It is still limited for some main hazards such as flood, landslide and hurricane.

### **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	No
Safe evacuation routes identified	Yes
Contingency plan or community disaster preparedness plan for all major hazards	Yes

## Description of Progress & Achievements:

Main resources for effective response in region is available for emergency stockpiles (food, medicine, clothes, blanket, basic kits). Tent also available at some linked officials and non government organization. Contingency plan for flood is formulated and evacuation sign board installed and evacuation routes is available. Local government still have to continue preparation of effective emergency response by preparation of temporary shelters, logistic warehouse, contingency plan for other main hazards and wide coverage area of evacuation routes identification and evacuation sign boards installation.

# Essential 10

*After any disaster, ensure that the needs of the survivors are placed at the centre of reconstruction with support for them and their community organizations to design and help implement responses, including rebuilding homes and livelihoods.*

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## **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: 1

### Description of Progress & Achievements:

Very limited sources and expertise of psycho social in region to support people affected by psycho social impact post disaster. Local government through linked officials needs to allocate fund for psycho social program and collaborate with other partners.

## **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 not fully integrated into recovery and rehabilitation activities post disaster. Limited human resources capacity is experiencing by local government to produce a comprehensive document on recovery and rehabilitation activities post disaster

**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: 3

Description of Progress & Achievements:

Post disaster needs and losses assessment is implementing and formulated as document, but constrained with data synchronization among sector.