

# Support to BNPB in Indonesia on Disaster Risk Management

November 2022 – October 2025



Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra

Swiss Agency for Development  
and Cooperation SDC

## Context

Switzerland has worked closely with BNPB since the 7.5 Earthquake of Palu in 2018, providing technical expertise in the field and delivering humanitarian assistance. **The MoU between the Government of the Republic of Indonesia and the Swiss Confederation in the field of Disaster Management signed on 21 July 2020** is the basis for this Direct Action project with BNPB, aligned with Indonesia's Master Plan for Disaster Management 2020-2044.

This **Direct Action project** aims at transferring and exchanging disaster risk management skills and knowledge between Switzerland and Indonesia on a wide range of topics including disaster risk assessment, resilience education, information management, emergency response, disaster risk accounting and community-based early warning systems.

## Work pillars

1. **Capacity building**
2. **Disaster Resilience Education**
3. **Research and Development**
4. **Preparedness and Response Management**

## Budget

1'850'000 CHF

## Duration

November 2022 – October 2025 (36 months)

## Location

Indonesia with a focus on hazard-prone, climate vulnerable and remote provinces

## SDC's presence in the field

### Constance Jaillet

DRM Programme Manager  
Swiss Embassy in Jakarta  
[constance.jaillet@eda.admin.ch](mailto:constance.jaillet@eda.admin.ch)

### Erik Kjaergaard

Senior Programme Manager and DRM Advisor  
SDC Regional DRM Hub in Bangkok  
Swiss Embassy in Bangkok  
[erik.kjaergaard@eda.admin.ch](mailto:erik.kjaergaard@eda.admin.ch)



*BNPB and Switzerland met at the Global Platform for Disaster Risk Reduction in Bali, Indonesia, May 2022.*

**This project is based on the Memorandum of Understanding (MoU) signed between Switzerland and Indonesia in July 2020. By strengthening the disaster risk management (DRM) capabilities of the Indonesian National Disaster Management Agency (BNPB) and provincial subsidiaries (BPBDs), the project will contribute to enhancing the resilience of the population of one of the most disaster-affected countries in the world, focusing on remote areas, prone to natural hazards and climate change. Moreover, this intervention supports Indonesia's efforts to localise DRM and empower subnational authorities.**

## Approach

Switzerland and BNPB jointly decided the activities of this project, which are derived from the challenges observed in practice and the results of a needs identification exercise by BNPB technical and operational units. The Direct Action project combines Swiss expertise with local know-how. In addition to financial support, Switzerland provides technical knowledge and experience in DRM.

The proposed activities are divided into 4 work pillars:

### 1. Capacity Building

The project aims at strengthening the capacities of BNPB and BPBD personnel on different disaster risk management topics, including risk analysis, geo-hazard identification, early warning systems, historical disaster literacy, emergency response and information management.

#### **Capacity building on disaster risk analysis, geo-hazard identification, early warning systems and technical support for training of national and local officers**

The objective is to provide training to 60 BNPB and regional staff in order to produce good quality hazard and risk assessments and documentation that will be used by national and local governments and other stakeholders to manage disaster risk. Swiss and Indonesian experts and practitioners will both benefit from the mutual exchange of knowledge and experience.

## Historical disaster literacy

The University of Leiden has collected a great amount of old documents relating to historical disaster events in Indonesia. The objective of this activity is to produce a disaster historical literacy book and a catalogue on disasters that occurred during the colonial era. These documents will be shared and disseminated to DRR stakeholders in order to improve risk knowledge and guide risk management decisions.

## National Emergency Response Team development

A National Emergency Response Team and a coordination platform will be established to assist local governments in managing emergencies more effectively and efficiently. 75 officers from BNPB and other ministries/agencies involved in emergency response will be trained according to their roles and responsibilities. Examples from other countries facing multi-hazard situations will be taken into account to define the most appropriate mechanisms for Indonesia.

## Technical workshop on disaster management, including disaster information management, for Disaster Resilient Journalists (Wartawan Tangguh Bencana)

60 journalists will be trained to enhance their capacity to understand the pros and cons of the disaster management cycle, practice disaster journalism, and improve their coping skills when covering disaster news. Thanks to this activity, the relationship between BNPB, BPBD and journalists are expected to be reinforced.

## 2. Disaster Resilience Education

To build disaster resilience at all levels of communities in remote areas prone to natural hazards and vulnerable to climate change, BNPB has made education one of its priorities for risk awareness in the Disaster Management Master Plan (RIPB) 2020-2045.

### Mobile disaster resilience education

This activity will support BNPB to enhance disaster risk knowledge in remote communities prone to natural hazards and climate change, thereby creating a culture of preparedness and prevention. For this purpose, SDC will provide ten mobile disaster resilience education vehicles (MOSIPENA) to BNPB to educate communities at the grassroots level and students in ten provinces, threatened by natural hazards and climate change with low coping capacities.



These vehicles will be used by BPBD as a medium for education.

## 3. Research and Development

### Disaster risk accounting and financing guidelines and insurance

Switzerland will support BNPB to define its own disaster risk accounting guidelines considering social fundraising and private insurance as a basis for funding DRM actions. Examples from other countries including Switzerland will be considered as reference to develop the Indonesian model.

## 4. Preparedness and Response management

### Enhancing community early warning systems through flood and volcanic eruption sirens

To allow early warning in communities located in hazard-prone areas, the project plans to install eight operational systems for floods (four) and for volcanic eruptions (four). SDC will support BNPB in defining appropriate technologies and providing assistance in installing and calibrating the devices to ensure operational early warning systems. These instruments will also help to enhance BNPB's existing hazard monitoring system.

### Procurement of Non Food Relief Items

To support humanitarian assistance and the development of BNPB regional warehouses in Indonesia, SDC will provide 40 tents and 1'000 family kits that will be prepositioned in the West Sumatra province, one of the most hazard-prone areas in Indonesia.

### Development of technical training documents (curricula and modules) on disaster management

BNPB will be supported to develop well-structured and science-based curricula and modules for trainings on disaster risk assessment, operation centre management and disaster information development or any other particular skill or knowledge related to disaster risk management.

### Technical workshop on introduction of BNPB disaster equipment

BNPB has equipment that requires specific knowledge to ensure its sustainable operation. This workshop will improve the knowledge of BNPB and BPBD operators on the operation, storage and maintenance of DRM devices. This activity includes conducting trainings for trainers (ToTs) for BNPB staff in order for them to coach other operators at the provincial level.