

## Development of Local Flood Early Warning and Dissemination System

### PROVATi3 Project-DDM Component

December 2021

#### Monthly Progress Report

Regional Integrated Multi-Hazard Early Warning System (RIMES)

#### Section A

##### Progress Summary

- Progress sharing meeting with DDM
- Tool Development (HH, FGD and KII questionnaire) finalization and preparation of vulnerability mapping for baseline assessment
- Most vulnerable union selection process for project intervention
- Material Development for inception workshop
- Preparation for the Acquisition of Computer Equipment
- Meeting with DDM for questionnaire finalization

#### Section B

##### Activity I. Progress Sharing Meeting With DDM

###### Progress

A progress sharing meeting was held at DDM on 8 December, 2021. The meeting was held in order to identify the preparation challenges and workplan for the inception workshop on "Development of Local Flood Early Warning and Dissemination System" at Gaibandha, which would take place in the coming weeks. In addition to determining the monthly work plan, the meeting reviewed the development of an advisory committee, the rapid procurement of desktop computers, laptops, and other materials in accordance with DPP and MoU resources.

##### Activity II. Tool Development (HH, FGD and KII questionnaire) finalization and preparation of vulnerability mapping for baseline assessment

###### Progress

Tool development for the next baseline survey of the PROVATi3 Project has completed, which essentially consists of a questionnaire for HH survey, FGD and KII. Baseline survey highlights gaps, present capacity, and areas for improvement of flood early warning services. Individual surveys, Focus Group Discussions (FGDs), and Key Informant Interviews (KIIs) were undertaken to better identify user need for early warning information and pilot area capabilities on forecast and early warning information interpretation and understanding.

##### Activity III. Questionnaire Finalization Meeting With DDM

###### Progress

A discussive meeting was held at DDM on 22 December, 2021. Several DDM professionals held discussions in order to provide their technical thoughts on the tool development for the next baseline survey. The questionnaire was finalized by incorporating experts' opinions.

##### Activity IV. Material Development for Inception Workshop

###### Progress

In preparation for the district level inception workshop, a number of resources have been produced. Workshop supplies, such as folders, notebooks, and banners, were created.

#### Activity V. Most vulnerable union selection

##### Progress

Flood prone most vulnerable unions will be identified through three methodological approaches. A key person survey will be conducted in the project unions. This survey will be conducted with DRROs, PIOs, UNOs, and Upazila and Union chairman. These key persons will provide their opinion based on historical data of flood of each union. They will also rank unions based on perceived level of vulnerability.

Along with key person survey, satellite-based inundation maps and vulnerability maps will be prepared based on historical and secondary data. Overlaying these maps, unions can be grouped in high, medium, and low vulnerable groups. Output from key person interviews will support necessary information and compiling all these data, vulnerable union ranking will be achieved.

Questionnaires have also been designed for the key informants of each district, upazila and union to set the vulnerable unions and upazilas in an order.

#### Activity VI. Facilitation for the Acquisition of electronic and logistic equipments

##### Progress

Necessary support has been provided in order to facilitate the acquisition and collection of desktop computers, laptop computers, printers, scanners, and other components.

#### Activity VII. Process of Launching website

DDM has approved request for a sub-domain and IP address for project website and communicated with BCC for necessary actions. A sub-domain has been provided and IP address is linked for website launching. RIMES team members from PIU and research team worked jointly for website development and content uploading. PIU is planning a launching ceremony for the website in recent time at DDM.

### Section C

#### Challenges & Overcome Strategy

- Since the world is experiencing Covid-19 pandemic, it was another challenge. To overcome this challenge, following proper Covid Health Protocol was the primary strategy.
- Unavailability of necessary IT equipment has slowed down the working progress for a while. To resolve this issue, RIMES is providing support by temporarily allocating necessary equipment.

### Section D

#### Work plan for January 2021

- Providing support to DDM for arranging Inception Workshops at the district Level
- Conduct field level survey for union selection by field facilitators
- Baseline Survey Conduct

### Section E

#### Budgetary Reflection

- RIMES has submitted invoice (10% of total contract value) for 1<sup>st</sup> deliverable (submission of Inception Report) under contract package 2 that is waiting for disbursement

