

SBF Project Implementation Monitoring Report

Indonesia: Dam Operational Improvement and Safety Project Phase II

1. Project Information

Project ID:	000010	Investment Number:	L0010A
Member:	Indonesia	Region:	South-Eastern asia
Sector:	Water	Sub-sector:	Flood protection, Irrigation and drainage
AiIB Financing Type:	Loan: 125 USD million	Co-financier(s):	IBRD
E&S category:	B	Borrower:	Republic of Indonesia
Red Flags Assigned:	1	Monitoring Regime:	Regular Monitoring
Implementing Agency:	Ministry of Public Works and Housings (MPWH)		
Project Team Leader:	David Ginting		
Project Team Members:	Chongwu Sun, Senior Environment Consultant Jana Halida Uno, Senior Operational Policy Specialist Susrutha Goonasekera, Senior Social Development Specialist Haiyan Wang, Senior Finance Officer Yangzom, Procurement Specialist (Operations) Yi Geng, Senior Financial Management Specialist		
Completed Site Visits by AIIB:	Feb, 2018 May, 2018 Nov, 2018 Feb, 2019 Jun, 2019 Mar, 2020 Jun, 2020 virtual mission Oct, 2020 virtual mission Mar, 2021 virtual mission		
Planned Site Visits by AIIB:	Jun, 2021 No site visit has been planned due to travel restriction by Covid-19. Implementation support mission (virtual) is planned to be conducted in June 2021.		

2. Project Summary and Objectives

To increase the safety and functionality of existing dams in selected locations and strengthen the operation and management capacity for dam safety.

3. Key Dates

Approval:	Mar. 22, 2017	Signing:	May. 29, 2018
Effective:	Aug. 4, 2017	Restructured (if any):	
Orig. Closing:	Jun. 30, 2023	Rev. Closing (if any):	

4. Disbursement Summary (million)

Currency:	USD		
a) Committed:	125	b) Cancellation (if any):	
c) Disbursed:	46.38	d) Most recent disbursement: (amount / date)	7.5, Feb. 19, 2021
e) Undisbursed:	78.62	f) Disbursement Ratio(%) ¹ :	37.1

¹ Disbursement Ratio is defined as the volume (i.e. the dollar amount) of total disbursed amount as a percentage of the net committed volume, i.e., $f = c / (a - b)$

5. Project Implementation Update

Despite it is still behind schedule, the overall progress of implementation has been improving since the end of 2020. The implementation has recently been challenged by restrictions due to COVID-19 and reorganization within the DGWR (as the host of CPMU and CPIU). These has caused delays in the procurement processes and lengthens the process to acquire sufficient allocation of DIPA (budget for the project implementation). The last mission has identified and agreed actions focused on accelerating the procurement process and expediting revisions of DIPA.

Following heavy rainfall recorded since the end of last year until March 2021, many Project dams were exposed to heavy rainfalls exposing dams to safety hazards such as landslides and seepages. CPMU and CPIU have identified a list of critical dams that requires urgent attention. The improvement of these dams' safety will be the priority of the project implementation in the immediate future. World Bank's procurement guidelines will provide flexibilities in procuring works and services for such emergency situations where response time is critical.

Components	Physical Progress	Environmental & Social Compliance	Procurement
Component 1: Dam Operational Improvement and Safety Works and Studies (USD67.48 million)	41.32%	No issue. Land acquisitions are foreseen in some locations for which ESMP will be developed based on the already available frameworks	Progress made compared to last quarter: increase in number of contracts completed from 95 to 131 contracts, 87 contracts ongoing, increase in number of contracts under tendering from 9 to 40 and 77 contracts being prepared for tendering.
Component 2: Operations and Maintenance Improvement and Capacity Building (USD9.62 million)	10.84%	-	See above
Component 3: Reservoir Sedimentation Mitigation (USD22.95 million)	12.39%	-	See above
Component 4: Dam Safety Institutional Improvement (USD 10.34 million)	20.56%	-	See above
Component 5: Project Management (USD14.61 million)	11.15%	--	See above

Financial Management:

The project maintains its good performance on timeliness of financial reporting and follow up of audit findings. The project also has completed the follow up of the FY2019 audit findings including refunds of ineligible expenditures. The FY2020 audit is still ongoing and the report is scheduled to be submitted on June 30 2021. The budget availability is still a limiting factor as the amount of budget available (DIPA) is still below annual work plan. However, several time bound actions on steps of budget revision have been agreed

6. Status of the Grievance Redress Mechanism (GRM)

Each River Basin Organizations (as the PIUs) has existing web-based grievance system. These systems are functioning and used for the project. The PIUs agreed to make sure that the mechanism is accessible to communities surrounding the DOISP's project sites, in the sites of construction works as well as at the sites where community participation take place.

7. Results Monitoring

Most of indicators are progressing compared to the last missions. The project has benefitted 16.5 million beneficiaries as of the last implementation mission. Yet, overall progress of the project towards the development objective is behind the schedule and all PDO indicator targets have not been fully achieved as indicated in the annual target. Other PO indicators on overall risk reduction, individual hazard reduced by > 20% of risk score, improved operations dams, and issuance dam safety regulation slightly behind the intended target. Like PDO indicators, the intermediate indicators show little progress.

Baseline Year: Aug. 4, 2017 End Target Year: Jun. 30, 2023

Project Objective Indicators #1

Overall risk reduction of all dams under project (%)

Year	Target	Actual	Others, if any
Aug. 4, 2017	4 (baseline)	n/a	

Project Objective Indicators #2

Overall risk reduction of all dams under project (%)

Year	Target	Actual	Others, if any
Dec. 31, 2018	4	4	

Project Objective Indicators #3

Overall risk reduction of all dams under project (%)

Year	Target	Actual	Others, if any
Dec. 31, 2019	6	7.47	

Project Objective Indicators #4

Overall risk reduction of all dams under project (%)

Year	Target	Actual	Others, if any
Dec. 31, 2020	10	8.12	

Project Objective Indicators #5

Overall risk reduction of all dams under project (%)

Year	Target	Actual	Others, if any
Dec. 31, 2021	15	8.9	

Project Objective Indicators #6

Overall risk reduction of all dams under project (%)

Year	Target	Actual	Others, if any
Dec. 31, 2022	20	-	

Project Objective Indicators #7

Number of dams with individual hazard reduced by > 20% of risk score.

Year	Target	Actual	Others, if any
Aug. 4, 2017	16 (baseline)	n/a	

Project Objective Indicators #8

Number of dams with individual hazard reduced by > 20% of risk score.

Year	Target	Actual	Others, if any
Dec. 31, 2018	16	16	

Project Objective Indicators #9

Number of dams with individual hazard reduced by > 20% of risk score.

Year	Target	Actual	Others, if any
Dec. 31, 2019	21	22	

Project Objective Indicators #10

Number of dams with individual hazard reduced by > 20% of risk score.

Year	Target	Actual	Others, if any
Dec. 31, 2020	31	25	

Project Objective Indicators #11

Number of dams with individual hazard reduced by > 20% of risk score.

Year	Target	Actual	Others, if any
Dec. 31, 2021	60	28	

Project Objective Indicators #12

Number of dams with individual hazard reduced by > 20% of risk score.

Year	Target	Actual	Others, if any
Dec. 31, 2022	98	-	

Project Objective Indicators #13

Dams returned to improved operations

Year	Target	Actual	Others, if any
Aug. 4, 2017	11 (baseline)	n/a	

Project Objective Indicators #14

Dams returned to improved operations

Year	Target	Actual	Others, if any
Dec. 31, 2018	14	13	

Project Objective Indicators #15

Dams returned to improved operations

Year	Target	Actual	Others, if any
Dec. 31, 2019	14	14	

Project Objective Indicators #16

Dams returned to improved operations

Year	Target	Actual	Others, if any
Dec. 31, 2020	30	28	

Project Objective Indicators #17

Dams returned to improved operations

Year	Target	Actual	Others, if any
Dec. 31, 2021	40	28	

Project Objective Indicators #18

Dams returned to improved operations

Year	Target	Actual	Others, if any
Dec. 31, 2022	70	-	

Project Objective Indicators #19

River Basin Organizations (Balai) with need-based O&M budget and plan operationalized within a national dam asset management system

Year	Target	Actual	Others, if any
Aug. 4, 2017	0 (baseline)	n/a	

Project Objective Indicators #20

River Basin Organizations (Balai) with need-based O&M budget and plan operationalized within a national dam asset management system

Year	Target	Actual	Others, if any
Dec. 31, 2018	0	0	

Project Objective Indicators #21

River Basin Organizations (Balai) with need-based O&M budget and plan operationalized within a national dam asset management system

Year	Target	Actual	Others, if any
Dec. 31, 2019	0	0	

Project Objective Indicators #22

River Basin Organizations (Balai) with need-based O&M budget and plan operationalized within a national dam asset management system

Year	Target	Actual	Others, if any
Dec. 31, 2020	2	0	

Project Objective Indicators #23

River Basin Organizations (Balai) with need-based O&M budget and plan operationalized within a national dam asset management system

Year	Target	Actual	Others, if any
Dec. 31, 2021	4	3	

Project Objective Indicators #24

River Basin Organizations (Balai) with need-based O&M budget and plan operationalized within a national dam asset management system

Year	Target	Actual	Others, if any
Dec. 31, 2022	13	-	

Intermediate Result Indicators #1

Number of dams rehabilitated

Year	Target	Actual	Others, if any
Aug. 4, 2017	24(baseline)	n/a	

Intermediate Result Indicators #2

Number of dams rehabilitated

Year	Target	Actual	Others, if any
Dec. 31, 2018	60	24	

Intermediate Result Indicators #3

Number of dams rehabilitated

Year	Target	Actual	Others, if any
Dec. 31, 2019	24	27	

Intermediate Result Indicators #4

Number of dams rehabilitated

Year	Target	Actual	Others, if any
Dec. 31, 2020	105	33	

Intermediate Result Indicators #5

Number of dams rehabilitated

Year	Target	Actual	Others, if any
Dec. 31, 2021	120	35	

Intermediate Result Indicators #6

Number of dams rehabilitated

Year	Target	Actual	Others, if any
Dec. 31, 2022	140	n/a	

Intermediate Result Indicators #7

Number of dams with BDSF operational

Year	Target	Actual	Others, if any
Aug. 4, 2017	9 (baseline)	n/a	

Intermediate Result Indicators #8

Number of dams with BDSF operational

Year	Target	Actual	Others, if any
Dec. 31, 2018	25	19	

Intermediate Result Indicators #9

Number of dams with BDSF operational

Year	Target	Actual	Others, if any
Dec. 31, 2019	65	22	

Intermediate Result Indicators #10

Number of dams with BDSF operational

Year	Target	Actual	Others, if any
Dec. 31, 2020	95	16	

Intermediate Result Indicators #11

Number of dams with BDSF operational

Year	Target	Actual	Others, if any
Dec. 31, 2021	124	26	

Intermediate Result Indicators #12

Number of dams with BDSF operational

Year	Target	Actual	Others, if any
Dec. 31, 2022	140	-	

Intermediate Result Indicators #13

Number of dams where emergency action plans updated and disseminated

Year	Target	Actual	Others, if any
Aug. 4, 2017	44 (baseline)	n/a	

Intermediate Result Indicators #14

Number of dams where emergency action plans updated and disseminated

Year	Target	Actual	Others, if any
Dec. 31, 2018	70	44	

Intermediate Result Indicators #15

Number of dams where emergency action plans updated and disseminated

Year	Target	Actual	Others, if any
Dec. 31, 2019	78	-	

Intermediate Result Indicators #16

Number of dams where emergency action plans updated and disseminated

Year	Target	Actual	Others, if any
Dec. 31, 2020	98	65	

Intermediate Result Indicators #17

Number of dams where emergency action plans updated and disseminated

Year	Target	Actual	Others, if any
Dec. 31, 2021	120	65	

Intermediate Result Indicators #18

Number of dams where emergency action plans updated and disseminated

Year	Target	Actual	Others, if any
Dec. 31, 2022	140	-	

Remarks: The overall progress of the project towards the project objective is behind the schedule. As of June 2020, the overall risk reduction of dams under the project is 8.12%. 25 dams are with individual hazard reduced by more than 20% of risk score. 14 dams have returned to improved operations. Although most of the PDOs indicators are lower than the target, the intermediate results indicators under each component are progressing and some are on track. 33 dams are rehabilitated, and 65 dams are equipped with emergency action plan that have been updated and disseminated. All targeted staff of RBOs, Central Dam Management Unit (CDMU) and Dam Safety Unit (DSU) have received annual trainings from the project.