

APPENDIX 1: TIMELINES

Description	Deliverable	Months (in 2021)					
		Apr	May	Jun	Jul	Aug	Sep
Phase 1							
1.1. Consultations with project team and other relevant resource persons, as well as thorough review of relevant literatures and studies/surveys to gather background information	Minutes of Meeting (MOM)	x	x				
1.2. Field visit to Minahasa Utara to have a better sense of the ASGM gold processing units/activities	Field report	x	x				
1.3. Focus Group Discussion (FGD) with the Project Management Unit and the Technical Advisory Committee	MOM	x	x				
1.4. Finalization of the methodology for data collection after discussion with the Project Management Unit Team	Data compilation	x	x				
1.5. Submission of detailed work plan	Detailed work plan	x	x				
Phase 2							
2.1. Identification of common agreement on the standards used for data conversion in the database.	Activity report		x	x	x	x	
2.2. Development of system analysis and design which process data into information so that the characteristics of the data can be understood and useful for solutions to problems.	Activity report		x	x	x	x	
2.3. Development of draft mock-up mobile application and web portal database.	Activity report		x	x	x	x	
Phase 3							
3.1. Finalization of the system design	Activity report					x	x
3.2. Development of user manual books for the mobile application and the web portal database	User manual books					x	x

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<p>3.3. Final report (implementation of application); trial can be through FGD or workshop</p> <p>The report must be submitted in English and Indonesian. The consultant shall submit a file storage (i.e. USB or CD) containing soft copy of editable version of final report, all presentation, photos, source code, all data and calculation, and simulation result.</p>	Final report						x
<p>Ensuring multi stakeholder participations. Within each scope of works mentioned above, the team of consultant is expected to ensure the active involvement of Project Management Unit and relevant stakeholders.</p>		x	x	x	x	x	x

APPENDIX 2: LIST OF MINIMAL MEETING ACTIVITIES AND TRAVELS

No	Item	Freq. of activities	No. of participant	No. of days	Location	Note
1	Field visit to the ASGM site in Minahasa Utara	1	5 <ul style="list-style-type: none"> • KLHK (1) • BPPT (1) • Dinas ESDM Sulut (1) • Dinas LHK Sulut (1) • Dinas LH Minut (1) 	4 (2 days in the location and 2 days for travelling days)	Minahasa Utara, Sulawesi Utara	Facilitated by the Consultant (incl. cost of transportation, accommodation and lumpsum using <i>standard biaya umum</i>)
2	FGD consultation with the PMU and TAC	1	30	1	Jakarta	Facilitated by GOLD-ISMIA
3	Field testing with the miners	6	@20	@1	6 project locations	Facilitated by GOLD-ISMIA
4	FGD testing and trial with the PMU and TAC	1	30	1	Jakarta	Facilitated by GOLD-ISMIA
5	Launching	1	60	1	Jakarta	Facilitated by GOLD-ISMIA