

**Indonesia, Sulawesi-Lombok Programme for Earthquake and Tsunami Infrastructure
Reconstruction Assistance (PETRA)
Quarterly Progress Report
July – September 2019**

Sector situation:

During 3rd quarter 2019, there were no significant political occurrences at all national and local levels that may have affected the project.

As a follow through on issues related to potential funding duplication as reported in the 2nd Progress Report, series of coordination meetings at national and local levels were conducted, mostly facilitated by the IMDFF-DR Secretariat, focusing at identifying potential funding duplication on approved PETRA subprojects with other source(s) from Gol or other International Development partners. A number of PETRA subprojects were identified to be in the list for rehabilitation/ reconstruction of *KemenPUPR* – DG of Cipta Karya (Ministry of Public Works) and *Kemenkes* (Ministry of Health), with positive results that all consulted parties have agreed that PETRA Project's target is prioritised due to readiness for implementation and for others to adjust their plans. Despite this, 1 subproject in Central Sulawesi had to be taken out from the target list due to the fact that it has been funded from District budget FY2018.

PETRA team has also established bilateral coordination with the World Bank programme team in exchanging information related to infrastructure rehabilitation/ reconstruction targeting, mainly to further ensuring that there is no duplication in targeting, which also identified by the World Bank team in their existing and forthcoming loan to Gol through DG of Cipta Karya.

In August and September, the National Geological Agency has conducted preliminary geological survey at each subproject location in both Central Sulawesi and Lombok. Initial findings and recommendation have been presented to UNDP and both parties are in progress to plan for further detail tests and investigations. Detail findings will feed into design that will be undertaken by the selected Design and Consultant firms.

Coordination with local government partners. Regular coordination meeting facilitated by IMDFF-DR Secretariat to update local government on the progress of PETRA project were conducted in August and September for both Central Sulawesi and Lombok. In both events, the National Geological Agency had taken part in presenting the geological survey methodologies for 42 subprojects targeted by PETRA. The Coordination Meeting in Palu was attended by the Deputy of Rehabilitation and Reconstruction BNPB, who encouraged local governments, academia, NGOs/ CSOs, and development partners to give more attention into livelihood and economic recovery for accelerating recovery of Central Sulawesi.

Recovery Action Plan (Renaksi). Implementation of the Rehabilitation and Reconstruction Master Plan and four Action Plans for Rehabilitation and Reconstruction of Palu Municipality, and of Sigi, Donggala, and Parigi Moutong districts launched in Q2 is still at early progress. The Local Governments still focusing at housing reconstruction sector for both on-site and relocation areas. 1st phase of stimulant fund for IDR 50 million per household who suffered heavily damaged house has been released to target beneficiaries thorough Community Group (Kelompok Masyarakat/ Pokmas) of 15 households per group. As reported by the Provincial Data and Information Center (Pusdatina) in September 2019, 254 out of 291 Pokmas have received the stimulant fund.

The NTB Province Government has extended transitional period to early recovery to 25 December 2019 due to slow progress and achievement of housing reconstruction. The extension effects on delaying the implementation of the rehabilitation and reconstruction action plan. Currently, local government still focused on housing rehabilitation and reconstruction. Total stimulant fund for housing reconstruction 5.2 trillion rupiah and as of September 2019, 4.4 trillion rupiah of the stimulant fund has been released through 9,762 community groups (Kelompok Masyarakat/ POKMAS). As for the progress, 26,135 units (35%) out of 74,092 units severely damage houses have been completely reconstructed while 42,909 units are reported on-going process of reconstruction. In addition, Disaster Management Agency (*Badan Penanggulangan Bencana Daerah/BPBD*) of West Nusa Tenggara Province is conducting re-validation data of the targeted beneficiaries of whom are indicated inappropriate to receive stimulant fund, and validation of new target beneficiaries.

Relevant support by other Donors to UNDP Indonesia. UNDP and *Badan Amil Zakat Nasional* (Baznas) has initiated joint activities that intended to optimize impact for recovery in selected villages in West Nusa Tenggara and Central Sulawesi. PETRA Project is focusing at rehabilitation and reconstruction of economic community infrastructures, while Baznas is aiming at economic recovery and development activities. This initiative has been kicked-off on 13 September 2019 in Lombok, while in Central Sulawesi it will take place in October 2019.

Progress and developments during the Reporting period:

Annex 1 highlights progress as of September 2019 against each output and activity. Overall, the project is still progressing on track and as scheduled.

Output 1. During 3rd quarter, UNDP and IMDFF-DR Secretariat still continuing coordination and bilateral communication at national level with relevant ministries and international development partners to ensure zero duplication in facilities reconstruction targeting. Review of detail target list of target facilities was taken, mainly with *KemenPUPR* – DG of Cipta Karya and *Kemenkes*, as well as with the World Bank and ADB. Coordination at local level have also taken place with respective Local Government Units in each target districts and municipality. From this synchronization exercise, it was confirmed that Pustu Labuan Induk in Donggala District had already been funded from Donggala District budget from 2019 fiscal year. Thus, it had to be taken out from initial list of 29 target facilities and the updated list was then acknowledged during the IMDFF-DR Coordination Meeting in Palu on 15 August 2019. At present, target facilities for reconstruction are 28 sites in Central Sulawesi and 13 sites in West Nusa Tenggara.

The National Geological Agency (*Badan Geologi/BG*) has completed the preliminary geological survey in 27 out of 28 subproject sites of Central Sulawesi by mid-August 2019, and 13 sites of West Nusa Tenggara in early September. Through this survey, the Geological Agency was able to determine type of detail test and investigation required in order to provide recommendation on feasibility of sites from the geological perspective. Based on the initial findings, there are few sites that indicated as having potential risks due to the deformation of earth layer and its geographic position that require risk preventive measures such as engineering reinforcement for site and structure, and rearrangement of building position. BG will provide the final recommendation upon completion of detail tests and investigations planned for the 4th quarter. This recommendation will be used as reference by the design consultants to determine the adequate risk preventive measures for each of the structure supported under PETRA project.

Tender process of Design and Supervision work of 13 subprojects in West Nusa Tenggara has been concluded and the contract was awarded to PT. Arkonin Engineering MP in joint operation with Dacrea Japan in 1st week of September. At this reporting period, 3 (three) tender packages of Design and Supervision for subprojects in Central Sulawesi have been issued. Firstly, the RFP of Inpatient Buildings, Pharmacy and Maternity Building in Two Hospitals was issued in 2nd week of July and awaiting final approval from UNDP Regional Advisory Committee (RACP). Secondly, the RFP of 21 Schools and 2 Primary Healthcare facilities was issued on 1st week of August and currently in the process of finalizing the bid evaluation. Thirdly, the RFP of 2 Landfills was issued in the 1st week of September and will be closed by 4th week of October. Each of RFPs experienced time extension for 2 weeks in average due to consideration of request from potential bidders and adjustments in the bidding document.

Output 2. Series of consultations with communities in 5 villages and respective local government of North and East Lombok districts has been concluded in July and September 2019. The Project will facilitate the communities in rehabilitating and reconstructing 8 community infrastructures that support the livelihood in the area, consists of 3 water retention ponds, 2 access roads to farming area including 1 small bridge, 1 irrigation canal and 1 village-owned commodity kiosk. In order to optimize the impact from the support, complementary activities are foreseen by the Project in terms of facilitation of trainings related to livelihood recovery and disaster-risk reduction, as well as provision of related productive asset. Terms of Reference for NGOs/CSOs to implement the Activity has been concluded in September and will be issued by early October.

In Central Sulawesi province, community consultations have been conducted in Tuva village, Gumbasa Sub-District, Sigi District by the end of September 2019. Prioritized community infrastructures are 1 community wire bridge connecting village with farmland, 1 irrigation canal, 2 women multifunction halls, and 1 village office building. Terms of Reference for implementing partner has been concluded in September and will be solicited in October. While in Palu Municipality, the Project will take part in local government's plan in constructing food stalls in city forest area apportioned for tsunami-affected food vendors of Talise coastline.

Update of time schedule:

Project activities are moving forward in line with the workplan (Annex 4).

Costs and Finances:

The financial expenditures in this quarter has slightly increased, from a total of Euro 273,972 in Q2 to a cumulative total of Euro 1,039,902.14 in Q3 (Annex 5).

Outlook, recommendations and issues to be decided upon:

In the next quarter, the Project will be focusing on concluding tender process of three RFPs for design and supervision in Central Sulawesi. In West Nusa Tenggara, to closely monitor the design work and preparation of tender package(s) for construction. The project also aims to kickstart the implementation of activities under Output 2 following the completion of community consultations and activity design.

The project is continuing the cooperation with Geological Agency for updating the Disaster-prone Zone map of Central Sulawesi and conducting detail test and investigation to follow up on the results of preliminary geological survey conducted in August-September 2019. The Project will facilitate technical advisory from Geological Agency to Design Consultant firms.

List of annexes:

- Annex 1. Quarterly Progress Report Matrix
- Annex 2. Risk Analysis
- Annex 3. Multi Year Work Plan and Implementation Plan
- Annex 4. Quarterly Disbursement 2019

Annex 1

QUARTERLY PROGRESS REPORT¹

Period: July - September 2019

<i>Vulnerable communities in Central Sulawesi and NTB recover from the impact of the 2018 disasters and are more resilient to withstand future shocks</i>			
<i>Output 1: Rehabilitation and reconstruction of partially and fully damaged infrastructure for provision of critical public services</i>			
Output 1 Financial Data	Financial Delivery Amount (Euro) <i>Cumulative expenditures for the current year (Q1-Q4)</i>		Financial Delivery Rate <i>(% expenditures against the annual budget for output)</i>
		Total Project: € 18,929,170.00	
Output 1 Indicators	Quarter Progress <i>Provide quantitative results for quarter (not cumulative).</i>	Annual Target ¹ <i>Update in Q1 of each year using targets agreed in previous Q4 in annual work plan.</i>	Financial Delivery Amount (EURO) <i>Cumulative expenditures for the current year (Q1-Q4)</i>
1.1 # health units reconstructed or rehabilitated using 'build-back better' construction standards 1.2 # educational establishments reconstructed or rehabilitated using 'build-back better' construction standards 1.3 # of service users that benefit from rehabilitated/ reconstructed health facilities (men and women; girls and boys)	West Nusa Tenggara: Selection of target infrastructures is finalized; Tendering for design and supervision completed in early August 2019 and contract awarded in September 2019. Target infrastructures of health and education sub-sectors: <ul style="list-style-type: none"> • 1 Primary Healthcare Facility (Puskesmas) in East Lombok district. • 8 Supporting Healthcare Facilities (Pustu) in North Lombok district 		Euro 582,336.09
			Financial Delivery Rate <i>(% expenditures against the annual budget for outcome)</i>
			21%

¹ Annual targets refer to the calendar year (rather than project year), and do not depend on when the ProDoc was signed/when the project officially began.

<p>1.4 # of school-age children that benefit from reconstructed or rehabilitated educational facilities</p> <p>1.5 # tonnes of municipal solid waste sustainably disposed of and/or recycled per day, using rehabilitated facilities and newly introduced waste management systems</p> <p>1.6 # of cubic metres of earthquake and tsunami debris recycled by municipal public facilities by the end of the project</p>	<ul style="list-style-type: none"> • 4 Vocational High Schools (SMK) in North Lombok district. <p>Central Sulawesi: Selection of target infrastructures is finalized; Tendering for 3 packages of design and supervision launched during July to early September 2019.</p> <p>1 support primary healthcare (Pustu Labuan Induk in Donggala district has been confirmed as already funded from Donggala District APBD and therefore taken out from the list that confirmed in IMDFF-DR Coordination Meeting on 15 August 2019.</p> <p>At present, 28 target infrastructures of health, education, sanitation, and economic sub-sectors will be reconstructed, as follows:</p> <ul style="list-style-type: none"> • 2 Hospitals (selected buildings, i.e. inpatient, stroke center, maternal and childcare, etc); Anutapura in Palu and Torabelo in Sigi; • 2 Primary Healthcare Facilities (Puskesmas), in Sigi and Donggala; • 2 Vocational High School, in Palu and Sigi; • 19 Primary Education school buildings (13 SD and 6 SMP), in Palu, Sigi, Donggala, and Parigi Moutong • 2 landfills, Kawatuna in Palu and Kabonga in Donggala. • 1 MSME Center for Tenun Ikat Donggala 		
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Output 1 Activities				
Activity Number	Activity Description	Progress Achieved During Quarter <i>Provide short description of what was undertaken and accomplished</i>	Issues Encountered & Plans to Address Them	Lessons Learned
UNDP Activities				
Activity 1.1	Provide support to the finalization/updating of the Multi-Hazard Risk Assessment and Mapping for Central Sulawesi and Lombok	<p>The Indonesian Geological Agency has undertaken preliminary review of key geological risks in the two provinces.</p> <p>Initial survey (site visit) was conducted by Geology agency team on August 2019 in 27 subprojects in Central Sulawesi province and on September 2019 in 13 subprojects in West Nusa Tenggara province.</p> <p>Detailed site geological survey is planned to be undertaken in the next quarter.</p>		
Activity 1.2	Complete a detailed annual investment plan for local recovery, in close consultation with relevant national and local authorities and local communities	In August, UNDP and IMDFF-DR Secretariat conducted regular coordination meeting with the provincial and target district/ municipality government in Central Sulawesi to inform the PETRA implementation progress and reconfirm the investment plan, in which all stakeholders agreed to exclude Pustu Labuan Induk – Donggala from investment plan due to duplication with APBD 2019 funding of Donggala district. Now the Project is targeting 28 from initial 29 subprojects.		

		In September, similar coordination meeting took place between UNDP and IMDFF-DR Secretariat with the provincial and target district/ municipality government in West Nusa Tenggara. Total 13 subprojects remain unchanged.		
Activity 1.3	Conduct of tendering processes for (a) Civil works design and supervision (stage one) and (b) Construction (stage two) – using 'Build Back' Better principles	<p>Tendering process for Civil works design and supervision of 13 subprojects in West Nusa Tenggara (1st RFP) has been concluded, and contract awarded on 4th September 2019 to PT. Arkonin Engineering Manggala Pratama in Joint Operation with Dacrea Engineering.</p> <p>3 (three) packages of Request for Proposals (RFPs) for Civil works design and supervision in Central Sulawesi have been solicited during July to September. These RFPs are:</p> <p><u>1st – RFP/UNDP/PETRA/73056/011/2019</u> Consulting Service for the Design and Construction Supervision for Inpatient Buildings, Pharmacy and Maternity Building in Two Hospitals in Central Sulawesi, issued on 11 July with closing date on 9 August. Amongst 4 bids received, 2 were technically and financially qualified.</p> <p><u>2nd – RFP/UNDP/PETRA/73054/015/2019</u> Consulting Service for the Design and Construction Supervision for Two Puskesmas and Twenty-One Schools in</p>		

		<p>Central Sulawesi, issued on 16 September with closing date on 16 September, after extended for 2 weeks. Amongst 5 bids received, 4 were technically and financially qualified.</p> <p><u>3rd – RFP/UNDP/PETRA/73058/020/2019</u> Consulting Service for the Design and Construction Supervision for Two Landfills in Central Sulawesi, issued on 2 September with deadline on 25 October, after being extended for 3 weeks.</p>		
Activity 1.4	Civil works/Construction: Contract management and supervision			
Activity 1.5	Provision of equipment to accelerate the restoration and enhancement of critical public services, in close coordination with national and local authorities			
Activity 1.6	Provision of formal and on-the-job training to relevant sub-national authorities and community organizations			

Output 2: Rehabilitation of affected communities' economic infrastructure to promote more resilient and sustainable livelihoods

Output 2 Financial Data	Financial Delivery Amount (Euro) <i>Cumulative expenditures for the current year (Q1-Q4)</i>		Financial Delivery Rate <i>(% expenditures against the annual budget for component)</i>
		Total Project: € 1,390,498.40	
Output 2 Indicators	Quarter Progress <i>Provide quantitative results for quarter (not cumulative).</i>	Annual Target <i>Update in Q1 of each year using targets agreed in previous Q4 in annual work plan.</i>	Financial Delivery Amount (Euro) <i>Cumulative expenditures for the current year (Q1-Q4)</i>
2.1 # km of irrigation canals and drainage in disaster-affected areas rehabilitated or reconstructed for improved agriculture (Donggala and Sigi) 2.2 # of culverts and bridges disaster-affected areas rehabilitated or reconstructed for improved agriculture (Donggala and Sigi) 2.3 # local markets rehabilitated or reconstructed 2.4 # households that benefit from economic infrastructure rehabilitation (men and women), including direct beneficiaries (self-employed; employees) and indirect beneficiaries (consumers/users) – in retail and agriculture 2.5 # newly created jobs in the waste management and recycling ecosystem (collection, sorting, processing retailing), direct and indirect, men and women	Identification of targeted community economic infrastructures in West Nusa Tenggara province have been finalized. Series of community consultations had been conducted to prioritizing identified potential community economic infrastructures to be reconstructed. The consultation meeting was done on 16-18 July 2019 in five villages, attended by 110 (85 men; 26 women) representatives of farmer groups, youth groups, women groups, village officer and district and sub-district government. Eight community infrastructures in five villages had been targeted for reconstruction. Those targeted community economic infrastructures as follows: <ol style="list-style-type: none"> 1. Jalan Usaha Tani (Peasant/Farmer Road) Tanah Abanq - Jalur Nunggal Kubur in Sajang village-East Lombok. 		Euro 9,913.25
			Financial Delivery Rate <i>(% expenditures against the annual budget for outcome)</i> 2 %

	<ol style="list-style-type: none"> 2. Jembatan Tani (Peasant/Farmer Old Wooden Bridge) Belunak in Sembalun Lawang village-East Lombok. 3. Embung Air (Retention Basin) Rante Mas in Sembalun lawang village-East Lombok. 4. Embung Air (Retention Basin) NapNap in Sembalun Bumbung village-East Lombok. 5. Saluran Irigasi (Irrigation Channel) Daya Rurung Timuk in Sembalun Bumbung village-East Lombok 6. Embung Air (Retention Basin) Monggal Atas in Genggelang village-North Lombok 7. Waserda (Commodity Shop) Genggelang Village Office in Genggelang village-North Lombok 8. Jalan Usaha Tani (Peasant/Farmer Road) Elong-Elong in Sambik Elen village-North Lombok. <p>Consultation of the targeted community infrastructures with respective local government agencies of North Lombok and East Lombok has conducted on 3 and 4 September 2019, attended by 45 (36 male, 9 female) representatives of BAPPEDA, Agriculture Agency, BPBD, Health Agency, Environment and Forestry Agency, NGOs, Village and Sub-district Officers.</p>		
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	<p>Micro grant project ToR through partnering with CSO for supporting community infrastructure reconstruction for livelihood recovery in North Lombok and East Lombok, West Nusa Tenggara have been finalised and submitted for procurement process.</p> <p>As of 30 September, both ToRs had been reviewed and targeted to be advertised in October 2019.</p> <p>Meanwhile, in Central Sulawesi province, following previous identification of potential community economic infrastructures, one FGD has been conducted in Tuva village on 26 September 2019, in which PETRA targeting to reconstruct a suspension bridge that connecting villagers to their farm field in Tuva. The bridge is heavily damaged due to 28 September 2018 earthquakes and worsened by major floods in the few following months. The reconstruction of such suspension bridge will enable Tuva and surrounding village farmers to save time in accessing their farm field.</p> <p>Others identified investment plans namely construction of culinary stalls in Hutan Kota Palu for ex Talise street vendors, Rainfed water catchment and canals in Gumbasa sub-district, debris management, waste recycling and sorting facilities, in feasible location identified in the above, and rehabilitation of</p>		
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		traditional markets as identified in both sub-districts, are in ongoing process of consultation with community and local government.		
Output 2 Activities				
Activity Number	Activity Description	Progress Achieved During Quarter <i>Provide short description of what was undertaken and accomplished</i>	Issues Encountered & Plans to Address Them	Lessons Learned
UNDP Activities				
Activity 2.1	Facilitate community-led processes for the identification and prioritization of critical local economic assets (infrastructure) to be recovered	<p>In July, Focus Group Discussion (FGD) on needs and capacity assessment for community infrastructure in East Lombok and North Lombok was carried out in five selected villages, namely Sembalun Bumbung, Sembalun Lawang dan Sajang, located in Sembalun sub-district, East Lombok; and Sambik Elen, Bayan sub-district and Genggelang, Gangga sub-district in North Lombok. The FGDs attended by 111 representatives of farmer groups, youth groups, women groups, village officer and district and sub-district government. Through these FGDs, communities prioritized 8 (eight) community infrastructures that later verified and validated in District-level Workshop for Livelihood and Community Infrastructure held in August 2019.</p> <p>The FGD was deeply explored key information on community infrastructure effected by earthquake 2018 in economic, education, health, energy, including</p>		

		<p>community capacity to rehabilitate and reconstruct the affected infrastructure. The facilitation team accompanied by community representatives conducted site visit to validate potential community infrastructure to be intervened through PETRA project including potential benefits for economic recovery, such as water reservoir, irrigation infrastructure, farming road, cultural buildings.</p> <p>In Central Sulawesi, community consultation meeting had been carried out in September, attended 50 community members in Tuva village, Gumbasa Sub-district, Sigi District. This consultation process resulted in numbers of priority community infrastructures to be rehabilitated, i.e. 1 wire bridge connecting settlement with farmland, 1 irrigation canal to distribute water for approx. 20 hectares farmland, 2 women multifunction halls, and 1 village office building.</p> <p>Other identified needs are currently in ongoing process of consultation with local government, particularly with relevant government agencies of Palu Municipality, i.e. Dinas Pariwisata (Tourism agency) and Dinas Perindag (Industry and Trade agency).</p>		
Activity 2.2	Conduction of tendering processes for the rehabilitation of	Call for Proposals (CFP) for CSO Grants to implement the rehabilitation of community infrastructures that support		

	prioritized community (economic) infrastructure	livelihood recovery in rural areas of West Nusa Tenggara (East and North Lombok) and Central Sulawesi (Sigi) are prepared to be issued in October.		
Activity 2.3	Civil works/Construction: Contract management and supervision	Included in the scope of work of CSO Grants.		
Activity 2.4	Implementation of small scale, cash-for-work schemes through NGOs/CSOs – debris removal and debris management	Included in the scope of work of CSO Grants.		
Activity 2.5	Design and piloting of a recycling and sorting facility, with the engagement of local authorities and communities	The draft concept note for recycling and sorting facility is remain in ongoing process. Currently, is in process of consultation with local government - Dinas Perindag (Industry and Trade agency) Palu Municipality, and community in both targeted provinces.		

Annex 2

RISK ANALYSIS

Project Title: Sulawesi/Lombok Programme for Earthquake and Tsunami Infrastructure Reconstruction Assistance	Award ID: 00116311	Date: 30 September 2019
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#	Description	Date Identified	Type	Impact & Probability	Countermeasures / Management response	Owner	Submitted, updated by	Last Update	Status
1	Potential environmental risks, especially with the waste management aspects of the project.	18/ 12/ 2018	Environmental	<p>Damage to the environment for example the aquifer if the leachate from the waste management facility was not treated appropriately.</p> <p>P = 3 L = 2</p>	<p>Environmental and Social Management Framework to identify and plan for potential risks. Each subproject will have its own environmental and social risk management plan.</p> <p>ESMF integrated into RFPs/ ITBs of design, construction, and supervision.</p> <p>Collaboration with Geological Agency has included Kawatuna and Kabonga landfills as part of geological test and investigation</p>	Project Manager	Project Manager	30/ 9/ 2019	No change <i>(as relevant tasks not yet started)</i>
2	Occupational health and safety due to physical, chemical, biological, and	18/ 12/ 2018	Environmental	Contaminants during demolition, construction	Environmental and Social Management Framework to identify and plan for potential	Project Manager	Project Manager	30/ 9/ 2019	No change

#	Description	Date Identified	Type	Impact & Probability	Countermeasures / Management response	Owner	Submitted, updated by	Last Update	Status
	radiological hazards during Project construction, operation, or decommissioning?			P = 3 L = 2	risks. Each subproject will have its own environmental and social risk management plan. ESMF integrated into RFPs/ ITBs of design, construction, and supervision. Identified chemical hazard from building materials in the Project sites in Lombok, i.e. asbestos, had been taken up into detail discussion in order to plan for safe site clearance prior to construction. An action point, UNDP will engage a Technical Advisor on Asbestos to conduct site assessment, develop guidelines for safe disposal of asbestos, and monitor the processes on safe disposal of asbestos.				<i>(as relevant tasks not yet started)</i>
3	National and sub-national stakeholders	18/ 12/ 2018	Political	Project would not be able to identify	Maintain active consultation with the	RRU Team Leader	Project Manager	30/ 9/ 2019	Completed

#	Description	Date Identified	Type	Impact & Probability	Countermeasures / Management response	Owner	Submitted, updated by	Last Update	Status
	do not support PETRA's objectives and are not willing to cooperate.			and restore damaged infrastructure. P = 1 L = 1	government at all stages of the programme. Seek approval from government on the proposed infrastructure. Develop a consultation and monitoring framework with Government stakeholder for the design and construction work of infrastructure sub-projects	Project Manager			Following the signing of PETRA Prodoc in May, series of consultation and coordination meetings at national and local levels have resulted in positive responses and acceptance towards the Project and investment plan
4	Qualified construction companies are not (a) available in the market, (b) interested to engage in the implementation of the various components of the civil works/ contracts, and willing to take part in competitive selection process, and (c) are able to provide the required design, construction and supervision services as	18/ 12/ 2018	Operational	Poorly constructed infrastructure will place communities at risk P = 2 L = 2	Asking potential companies to submit EOI. Ensure tenders are widely advertised. Prepare detailed RFQs/ ITBs	Project Manager	Project Manager	30/ 9/ 2019	Reducing Having learned from the tendering process for consulting services for design and supervision, 4 RFPs yield in positive results with average bid submission in average of 4 potential

#	Description	Date Identified	Type	Impact & Probability	Countermeasures / Management response	Owner	Submitted, updated by	Last Update	Status
	per required standards, including the required social, environmental and safety standards.								bidders per RFP.
5	Eligible CSOs/NGOs are not able to mobilize communities to support project implementation, including the rehabilitation of community economic infrastructure, and are willing to receive and adhere to UNDP's advice with regards to required social, environmental and safety standards.	18/ 12/ 2018	Operational	NGOs are not able to engage with the community, or do not have appropriate experience. P = 2 L = 1	Select local NGOs that already have community networks in Palu and Lombok. Establish, review and update NGO/ CSO roster. Maintain relationship with NGO previously worked with UNDP through informal discussion and learning forum. Keep abreast of activities and/or event managed by potential NGOs/ CSOs, to indirectly monitor their capacities and performance	Project Manager	Project Manager	30/ 9/ 2019	Reducing
6	Local communities will not engage with the project and develop a sense of ownership for project results,	18/12/2018	Operational	Community Infrastructure not operated or maintained	Community mobilizer involves communities at all stages of the project cycle.	Project Manager	Project Manager	30/ 9/ 2019	Reducing Results and experiences from series of

#	Description	Date Identified	Type	Impact & Probability	Countermeasures / Management response	Owner	Submitted, updated by	Last Update	Status
	including rehabilitated/reconstructed local community infrastructure.			P = 2 L = 1	Engagement with communities and local government started before assignment of Implementing Partners to sense on their acceptance towards the Project's scope of intervention.				consultations with target communities and local government have been positive, which increase the likelihood of communities engagement towards project results.

Annex 3

MULTI YEAR WORK PLAN

PROJECT COMPONENT	PLANNED ACTIVITIES	TIME SCHEDULE											
		2019				2020				2021			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
OUTPUT 1	1.1. Provide support to the finalization/updating of the Multi-Hazard Risk Assessment and Mapping for Central Sulawesi and Lombok		LF***										
	1.2. Complete a detailed annual investment plan for local recovery, in close consultation with relevant national and local authorities and local communities			LF									
	1.3. Conduct of tendering processes for (a) Civil works design and supervision (stage one) and (b) Construction (stage two) – using ‘Build Back’ Better principles		ES										
	1.4. Civil works/ Construction: Contract management and supervision												
	1.5. Provision of equipment to accelerate the restoration and enhancement of critical public services, in close coordination with national and local authorities												
	1.6. Provision of formal and on-the-job training to relevant sub-national authorities and community organizations												
	MONITORING												

OUTPUT 2	2.1. Facilitate community-led processes for the identification and prioritization of critical local economic assets (infrastructure) to be recovered												
	2.2. Conduct tendering processes for the rehabilitation of prioritized community (economic) infrastructure												
	2.3. Civil works/Construction: Contract management and supervision												
	2.4. Implementation of small scale, cash-for-work schemes through NGOs/CSOs – debris removal and debris management			LS		LF							
	2.5. Design and piloting of a recycling and sorting facility , with the engagement of local authorities and communities												
	MONITORING												
CROSS-CUTTING	3.1. Set up of Project Management Unit												
	3.2. Project Advisory Committee: Scheduled Meetings	*		*		*		*		*		*	
	3.3. Project audits				**			**					**
	3.4. Evaluation and Final Project Report/ Completion Report												

* Scheduled as two-hour meetings

** Tentative schedule. The actual frequency and timing of Project audits will be determined by UNDP's Office of Audit and Investigations (OAI).

*** ES: Early Start; LS: Late Start; EF: Early Finish; LF: Late Finish

Annex 4

QUARTERLY DISBURSEMENT 2019* figure in EURO

Outputs	Activities	Fund Source	Budget (EURO)	Disbursement	Balance
				Q1 – Q3 2019	
Output 1: Repair and reconstruction of partially and fully damaged infrastructure for the restoration of critical public service	1.1. Consultancies and technical advisory services	KfW	113,750.00	60,213.71	53,536.29
	1.2 Civil works: Design, Construction and Technical Supervision	KfW	16,740,000.00	517,514.55	16,222,485.45
	1.3 Equipment	KfW	2,000,000.00	-	2,000,000.00
	1.4 Capacity building, consultation and awareness raising	KfW	75,420.00	4,607.83-	70,812.17
	Total		18,929,170.00	582,336.09	18,346,833.91
Output 2: Rehabilitation of affected communities' economic infrastructure to promote more resilient and sustainable livelihoods for both men and women	2.1 Consultancies and Technical Assistance Service	KfW	38,500.00	1,619.07	36,880.93
	2.2 Civil Works (Economic Infrastructure): Design, Construction and Supervision	KfW	803,000.00	8,294.18	794,705.82
	2.3 Small scale debris management (Ground preparation for land fill rehabilitation and local employment)	KfW	500,000.00	-	500,000.00
	2.4 Capacity Building, Consultation and Awareness Raising	KfW	48,998.40	-	48,998.40
	Total		1,390,498.40	9,913.25	1,380,585.15
Output 3: Other Direct Project Costs (Cross Cutting Output 1 and Output3)	3.1 Project Management Unit	KfW	1,915,766.40	253,467.72	1,662,298.68
	3.2 Programme Staff (Project Quality Assurance, Technical Guidance and Support oversight)	KfW	333,929.16	32,803.12	301.12604

	3.3 Travel (for quality control/supervision; technical support; administrative support, oversight, etc) - Non-Consulting Personnel	KfW	100,320.00	24,228.78	76,091.22
	3.4 Other Operating Expenses	KfW	405,000.00	114,000.69	290,999.31
	3.5 Communications and Publications	KfW	24,464.00	491.97	23,972.03
	3.6 Evaluation and Audit	KfW	49,000.00	-	49,000.00
	Total		2,828,479.56	424,992.28	2,403,487.28
	GMS 8%		1,851,852.04	22,660.52	1,829,191.52
	Grand Total		25,000,000.00	1,039,902.14	23,960,097.86

*Accumulative figures from January – September 2019