

**Indonesia, Sulawesi-Lombok Programme for Earthquake and Tsunami Infrastructure
Reconstruction Assistance (PETRA)
Quarterly Progress Report January – March 2020**

Sector situation:

In the 1st quarter 2020, PETRA encountered challenges in its activities' implementation due to Corona Virus Disease (COVID-19) pandemic, specifically due to social distancing measures. By February, UNDP has put in place some preventive measures to COVID-19 spread within the Country Office and its projects. By March, immediately following the establishment of the Gugus Tugas Percepatan Penanganan COVID-19 by GoI, government officials were instructed for working from home. This situation affected PETRA in terms of stakeholder consultations and site works. Despite these challenges, PETRA has applied the online consultation modality, and preventive measures to its implementing partners in conducting site works.

Action Plan for Rehabilitation and Reconstruction (Renaksi RR). As per March 2020, housing reconstruction sector for both on-site and relocation areas is remained as the focus of Central Sulawesi Government. It is reported that the completion of housing construction reached less than 25% out of total target 3450 units at the end of Q1 2020. In West Nusa Tenggara Province, the Action Plans has been revised and updated till the end of 2022. The rehabilitation and reconstruction of heavily damaged houses that is still in progress. At the end of March 2020, it is reported that 78% out of total target 226,204 units has been completed and about 15 % in progress of construction. Due to slow progress of the completion of housing reconstruction, local authorized government has confirmed to extend the transition to early recovery period to the end of June 2020.

Coordination with local government partners. In January 2020, PETRA team has also established bilateral coordination with Local Governments (LG) in both targeted provinces following recommendations resulted from the IMDFF-DR field visits in the last quarter of 2019. Following continuous screening of the 8 Readiness Criteria, there were 3 (three) priority facilities of Component 1 (Basic Public Service Infrastructures) in Central Sulawesi found as no longer fulfilled the criteria and therefore, the LGs and IMDFF-DR have agreed to propose other 2 (two) priority facilities as substitutes. Re-targeting has also applied in Component 2 (Community Infrastructures), which previously 4 (four) identified priorities in West Nusa Tenggara had to be substituted following the results of verification process jointly done with the IMDFF-DR Secretariat team.

Progress and developments during the Reporting period:

Key achievements in Q1 2020

- Completion of restoration work of Electrical Power Transformer 1000 kVA in Anutapura Hospital Palu, Central Sulawesi, part of the Anutapura Hospital reconstruction subproject. It therefore enabled the hospital to operationalize its medical equipment at full capacity, right in the momentum of the hospital was assigned as one of Referral Hospitals for COVID-19 in Central Sulawesi
- Completion of Detail Engineering Design (DED) for 13 subprojects in West Nusa Tenggara.

Annex 1 highlights progress as of March 2020 against each output and activity. In overall, the project is still progressing on track, with anticipation to slowing down due to COVID-19 pandemic.

Output 1. Team of experts from the National Geological Agency has concluded the primary field works of site survey and investigations, which continued with core drilling in 9 locations in Central Sulawesi for further refining the analysis. Preliminary findings on sites in Central Sulawesi and West Nusa Tenggara were shared to Local Governments, facilitated by IMDFF-DR. In West Nusa Tenggara, 1 (one) facility was recommended for structural reengineering. While in Central Sulawesi, 5 (five) facilities require structural re-engineering and 1 (one) facility to have site relocation, yet within the village boundaries. Findings and analysis of all target sites were shared to the Design Consultant partners contributing to their DED process. The National Geological Agency also support the site review and analysis of target community infrastructures in both provinces.

Construction tender preparation for Component 1 subprojects in West Nusa Tenggara has reached the final stage. The draft Invitation To Bid (ITB) for 13 subprojects (plus anticipated additional 1 (one) facility, i.e. Pustu Gapuk – West Lombok, subject to approval of KfW and IMDFF-DR on possibility of complementary funding sources) has been reviewed and recommended for approval by UNDP Advisory Committee on Procurement (ACP). However, the emerging limitations related to COVID-19 requires another round of review specifically to address on feasibility to proceed with construction works at the moment.

Gender and Disability perspectives in reconstruction have also been incorporated into the design of target infrastructures, following completion Gender and Disability Expert assignment in conjunction to the respective topics as addressed in the previously established ESMF for PETRA.

Output 2. During January to February 2020, series of consultations with communities and technical assessment have been conducted in 5 villages of North and East Lombok districts of West Nusa Tenggara, and in 8 villages in Sigi district of Central Sulawesi province. As results, the identified community infrastructures that are crucial to support livelihood recovery in the area had been prioritized further, which include water retention ponds, tertiary irrigation canal, suspension bridge accessing farming area, and village commodity market. The IMDFF-DR Secretariat, Provincial and District Governments of Sigi District, Central Sulawesi have jointly conducted site visits as part of verification process conforming to the 8-readiness criteria in January 2020. Outcome of these processes resulted in endorsement of 3 (three) out of 8 (eight) priority community infrastructures in West Nusa Tenggara, and 4 (four) out of 9 (nine) priorities in Central Sulawesi. The verification process was supposed to continue in March but unfortunately interrupted due to travel restriction following COVID-19 pandemic. To this extent, the Project will follow through with virtual verification of remaining proposed priorities in both West Nusa Tenggara and Central Sulawesi.

Three CSOs partner of PETRA Project, Paluma Nusantara, WVI and YKMI, have started their initial activity on the ground by conducting assessment, community engagement and capacity building, and community infrastructure design works. These includes recruiting volunteers for embracing disaster risk management, participatory disaster risk mapping and analysis with communities, strategic commodity assessment, establishing and strengthening village recovery forum and advocating village government to integrate disaster risk management issues into village mid-term development plan and budget; in terms of design works, comprises site survey and measurement, consultations with Villages on land ownership, and construction designs, in consultation with the National Geological Agency. CSOs partners have also actively engaged in preparing and facilitating the IMDFF-DR field visit both in West Nusa Tenggara and Central Sulawesi province.

Update of time schedule:

Project activities are moving forward in line with the workplan (please refer to Annex 4). However, limitations due to COVID-19 pandemic is a major challenge to time schedule and in this case, the Project predicted that delays may likely to occur as described in the following section.

Costs and Finances:

The financial expenditures in Q1 2020 has increased, as per March 2020, delivery rate reached Euro 4,568,409.80 from total budget (please refer to Annex 5).

Outlook, recommendations and issues to be decided upon:

COVID-19 pandemic brought new challenges to PETRA implementation since its scope entails more on physical activities at the field, while travel and human interactions have become risks to projects personnel and other stakeholders. It knocks at the momentum where the project is finalizing DED processes that require intensive site visits and stakeholder coordination. Therefore, new ways of working being explored to overcome emerging limitations in operationalizing activities. Shifting from face-to-face meeting onto online coordination mechanism delightedly are widely accepted down to local stakeholders in PETRA target locations, although internet connectivity remains as issue at some places. Site surveys and investigation continue with maximum preventive measures being applied.

Component 2 which put emphasis on community engagement suffers higher impact due to this situation. The project had to re-strategize its approach by having the priority of community infrastructures determined and proceeded with the survey and design tasks, shifting the capacity building component at a later stage whenever situation relatively back to normal. However, the rehabilitation/civil works activities will have to wait until COVID-19 curve sloping down as this component entails local community participation.

In the context of project monitoring during COVID-19 pandemic, there is no significant challenges as the project had established network of local contacts from the beginning of project activities, who are able to provide information related to latest situation on the ground. For example, instead of visiting the site directly and due to travel restriction, through phone, texting, or WhatsApp, the project team was able to obtain updated information from Chief of Tuva village on Miu river floods, which enabled the team and CSO partner (YKMI) to re-assess the secure point for Tuva suspension bridge reconstruction exact location. An activity that impacted at this stage is the video documentation for baselining Component 1 and 2 activities. It had to be rescheduled until travel restriction lifted as its design involve stakeholders' interviews in addition to recording selected subproject sites.

UNDP has communicated these challenges to PETRA's government and implementing partners since mid-March 2020, as a measure to assure all stakeholders that UNDP is still committed to deliver despite the COVID-19 situation.

Due to current situation, realistically the project is anticipated to run slower than planned. Despite that, in Q2 2020, the Project will be focusing at:

- a) finalizing preparation of construction tender for West Nusa Tenggara sub-projects;
- b) finalizing DED and Construction Tender Documents for 2 hospitals in Central Sulawesi;
- c) facilitating stakeholder consultation process for DED of 2 (two) design consultancy packages in Central Sulawesi, i.e. 2 Landfills sub-projects, and 23 Schools and Primary Healthcare Facility subprojects in Central Sulawesi; and
- d) preparing the community infrastructures survey and design works.

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 January-March 2020

Annex 1

QUARTERLY PROGRESS REPORT 2020¹

Period: January – March 2020

Vulnerable communities in Central Sulawesi and NTB recover from the impact of the 2018 disasters and are more resilient to withstand future shocks			
Output 1: Rehabilitation and reconstruction of partially and fully damaged infrastructure for provision of critical public services			
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		Total Project: 16%
Output 1 Indicators	Quarter Progress <i>Provide quantitative results for quarter (not cumulative).</i>	Annual Target¹ <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) 1.4 # of school-age children that benefit from reconstructed or rehabilitated educational facilities 1.5 # tonnes of municipal solid waste sustainably disposed of and/or recycled per day, using rehabilitated	1.1 Work in Progress - 9 of 13 (DEDs completed)	1.1 13 of 13 DEDs for health units completed	Euro € 3,081,246.89
	1.2 Work in Progress - 0 of 25 (in DED process)	1.2 4 of 25 DEDs for educational units completed	27%
1.3 # of service users that benefit from rehabilitated/ reconstructed health facilities (men and women; girls and boys)	1.3 <i>Tba – upon completion of reconstructed facilities</i>		
1.4 # of school-age children that benefit from reconstructed or rehabilitated educational facilities	1.4 <i>Tba – upon completion of reconstructed facilities</i>		
1.5 # tonnes of municipal solid waste sustainably disposed of and/or recycled per day, using rehabilitated	1.5 <i>Tba – upon completion of reconstructed facilities</i>		

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>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>	<p>1.6 Tba – upon completion of reconstructed facilities</p>			
<p>Output 1 Activities</p>				
<p>Activity Number</p>	<p>Activity Description</p>	<p>Progress Achieved During Quarter <i>Provide short description of what was undertaken and accomplished</i></p>	<p>Issues Encountered & Plans to Address Them</p>	<p>Lessons Learned</p>
<p>UNDP Activities</p>				
<p>Activity 1.1</p>	<p>Provide support to the finalization/updating of the Multi-Hazard Risk Assessment and Mapping for Central Sulawesi and Lombok</p>	<p>West Nusa Tenggara In January 2020, the National Geological Agency has presented the results of the geological investigations of 13 sites of targeted rehabilitation and reconstruction of education and health facilities in West Nusa Tenggara to IMDFF-DR Secretariat. Following the recommendation of Secretariat, Geological Agency also presented the final results of detail geological assessment to the local government partners in WNT on 12th February 2020. The National Geological Agency categorized the Community Health Sub-Centre (Pustu) Selengen as in Red zone of fault, and Pustu Telaga Wareng, SMKN 1 Pemenang and SMKN 1 Kayangan are located in Yellow zone. Structure re-engineering will be applied in these sub-projects</p>	<p>Potential issues in the future related to geological survey findings, such as recommendation for structure reengineering of targeted facilities due to potential geological hazards, will likely increase the budget allocation of these subprojects.</p>	<p>Conducting geological survey in post disaster recovery provided clear picture on the geological characteristic, potential hazards and provide opportunity to fulfill “Build-back Better and Safer” principle.</p> <p>Geological survey is mandatory for conducting recovery project in the geological disaster-prone areas in Indonesia.</p> <p>Higher sub-project budget estimates and allocation as compared to the national standard construction unit cost is proven as a valid approach for post-disaster reconstruction context, i.e. anticipating structure re-engineering.</p>

<p>Activity 1.2</p>	<p>Complete a detailed annual investment plan for local recovery, in close consultation with relevant national and local authorities and local communities</p>	<p><u>West Nusa Tenggara</u> Selection of target infrastructures is finalized and collectively agreed by IMDFDR, Provincial and District/ Municipality Government, KfW, and UNDP on 26th March 2019, resulted in 13 priority health and education sub-projects:</p> <ul style="list-style-type: none"> • 1 Primary Healthcare Facility (Puskesmas) in East Lombok district. • 8 Supporting Healthcare Facilities (Pustu) in North Lombok district • 4 Vocational High Schools (SMK) in North Lombok district <p><u>Central Sulawesi</u> Selection of target infrastructures is finalized and collectively agreed by IMDF-DR, Provincial and District/ Municipality Government, KfW, and UNDP on 21st May 2019. By December 2019, 27 target infrastructures of health, education, and sanitation sub-sectors will be reconstructed, as follows:</p> <ul style="list-style-type: none"> • 2 Hospitals (selected buildings, i.e. inpatient room, stroke center, maternal and childcare room, etc) of Anutapura in Palu and Torabelo in Sigi; • 2 Primary Healthcare Facilities (Puskesmas) - in Sigi and Donggala; • 2 Vocational High Schools - in Palu and Sigi; • 19 Primary Education school buildings (12 SD and 7 SMP) - in Palu, Sigi, Donggala, and Parigi Moutong • 2 landfills - Kawatuna in Palu and Kabonga in Donggala. <p>Identification and consultation with the Donggala District government for</p>	<p><u>West Nusa Tenggara & Central Sulawesi</u></p> <p>Corona Virus Disease (COVID-19) in Indonesia has significantly affected PETRA progress. Series of preventive measures have been issued by Gol following WHO standard, namely, stay at home, social distancing, etc. These measures are taken to break the chain of COVID-19 spreads among community. UNDP CO has issued circular letter to all UNDP staffs to working from home, prohibiting official travel, cancel all planned meeting agenda and suggest for conducting virtual meeting.</p> <p>This situation has undeniably affecting PETRA's workplan. In order to address the problem, PETRA has, firstly, circulating letter about UNDP CO COVID-19 related policies to all stakeholders, partners and networks. Secondly, encourage partners to do risk analysis and its implication on workplan. Thirdly, utilizing online platform such as WhatsApp, skype, and zoom for communication and coordination with partners and stakeholders to ensure the implementation of PETRA project.</p>	
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		<p>alternative replacement for SDN 21 Sirenja, Pustu Labuan Induk and Sentra IKM tenun Ikat was done in 23rd January 2020. As results; 1) The SMPN 3 Sirenja was proposed by Donggala district government to replace the SDN 21 Sirenja; 2) Pustu Labuan Induk was proposed to be replaced with Pustu Sikara, however it was found that this object was not fulfil the 8 readiness criteria; and 3). Sentra IKM Tenun Ikat Donggala will be replaced with Sibado market. The Sibado market has been assessed and it fulfilled the 8 Readiness Criteria. The Project is considering to include the market as part of Component 2 instead of Component 1 with the consideration that the typology of facility suits better to the scope of Component 2, i.e. to support local livelihood while its day-to-day management and maintenance will rest more with the surrounding community with standard supervision of the respective local government unit.</p> <p>Issue on prioritization of Kabonga Landfill raised by IMDFF-DR Secretariat is solved. It still strongly recommended by Central Sulawesi Provincial and Donggala District government as priority infrastructure to be reconstructed through PETRA project during Stakeholder Coordination Meeting on 23rd January 2020 in Palu.</p>		
<p>Activity 1.3</p>	<p>Conduct of tendering processes for (a) Civil works design and supervision (stage one) and (b) Construction (stage two) – using</p>	<p>West Nusa Tenggara: Arkonin–Dacrea has completed the Detail Engineering Designs (DED) for 13 targeted subprojects in March 2020.</p> <p>As per end of Q1 2020, the preparation for tendering construction works of 13</p>		

	<p>'Build Back' Better principles</p>	<p>subprojects in West Nusa Tenggara is an ongoing process. Due to COVID-19 situation, some procurement aspects had to be revisited primarily in anticipating risks during construction tendering and construction works.</p> <p><u>Central Sulawesi:</u></p> <p><u>Design of 2 Hospitals in Central Sulawesi</u> At the end of January 2020, PETRA facilitated consultation meeting on concept design for Inpatient Buildings, Pharmacy and Maternity Building in Anutapura and Torabelo Hospital produced by PT. Arkonin Engineering Manggala Pratama with Local Government of Central Sulawesi Province, Palu Municipality, and Sigi District as well as with the Management Board of both hospitals. The LGs and Hospital Management Boards have provided their inputs and committed to fully support the process terms license for construction, ESMF related documents and other construction documents based on Gol regulations and the 8 Readiness Criteria.</p> <p>Following the above concept design consultation meeting, a series of closed technical consultation meetings have been carried out by the consultant with both direct users (Anutapura and Torabelo hospitals). The design of both sub-projects has also accommodated recommendations from the ESMF Advisor, and Gender and Disability Expert as well as recommendations from the National Geological Agency team of experts.</p> <p>As per March 2020, despite COVID-19 related situations, the design consultant had</p>		
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		<p>completed the DED and BoQ as part of preparation for civil works tendering process. Tendering for civil works of both hospitals is estimated will begin in early Q2.</p> <p><u>DED of 21 Schools and 2 Puskesmas in Central Sulawesi</u> PT. Yodya Karya (Persero) JV PT. Bumi Harmoni Indoguna and PT. Cakrabuana Consultants as an awardee for Design and Construction Supervision of Two Puskesmas and Twenty-One Schools in Central Sulawesi has conducted a series of assessments to all targeted sub-projects. The inception report had been completed and submitted as per March 2020, the consultant is in ongoing process for concept design.</p> <p>It is estimated that the tender process for construction works in these 2 Puskesmas and 21 Schools will begin by the end of Q2.</p> <p><u>DED of 2 Landfills in Central Sulawesi</u> At the end of February 2020, PETRA UNDP had facilitated consultation meeting on Concept design of Two Landfills in Central Sulawesi (Kawatuna and Kabonga landfill) between PT Arkonin Engineering Manggala Pratama JV PT Indokoei International and users (Local government of Central Sulawesi province, Palu municipality and Donggala district).</p> <p>The concept design has been revised based on user's feedbacks during consultation meeting in Palu and is planned to be presented at National level in Q2 2020.</p>		
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		It is estimated that tender process for construction works in these 2 Landfills will begin by end of Q2.		
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	By end of March 2020, the restoration of electrical power transformer in Anutapura Hospital Palu had already completed and been fully operational. The work included replacement of 1,000 kVA Power Transformer, Main Distribution Panel, Main Transmission Cabling, and Synchronizing Panel connected to the Hospital's Power Generating Set. It therefore enabled the hospital to operationalize its medical equipment at full capacity, right in the momentum of the hospital was assigned as one of Referral Hospitals for COVID-19 in Central Sulawesi		
Activity 1.6	Provision of formal and on-the-job training to relevant sub-national authorities and community organizations	Upon the completion of 1,000 kVA electrical power supply restoration work, an on-the-job training on operational and maintenance of the Power Transformer, Main Distribution and Synchronizing Panels for the Anutapura Hospital in Palu was conducted for the Hospital's maintenance unit personnel. Further training will be provided to ensure the capacity of project beneficiary is enhanced to effectively use and do proper maintenance of the facilities/ equipment provided by the project.		

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		Total Project: 33 %
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	2.1 Work in Progress - <i>(Dependent to result of priority identification based on Renaksi RR and community proposal)</i>	2.1 tbd upon result of design stage	Euro € 460,902.97
2.2 # of culverts and bridges disaster-affected areas rehabilitated or reconstructed for improved agriculture	2.2 Work in Progress – <i>(Dependent to result of priority identification based on Renaksi RR and community proposal)</i>	2.2 tbd upon result of design stage	Financial Delivery Rate <i>(% expenditures against the annual budget for outcome)</i> 89%
2.3 # local markets rehabilitated or reconstructed	2.3 Work in Progress – <i>(Dependent to result of priority identification based on Renaksi RR and community proposal)</i>	2.3 tbd upon result of design stage	
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	2.4 tba – <i>(upon completion of community infrastructures)</i>	2.4 tbd upon result of design stage	
2.5 # newly created jobs in the waste management and recycling ecosystem			

(collection, sorting, processing retailing), direct and indirect, men and women	2.5 Being assessed on relevance with current situation (revision will be formalized in Prodoc revision)			
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>West Nusa Tenggara</p> <p>Identification of potential community economic infrastructures in West Nusa Tenggara province has been completed by applying 8 readiness criteria as required by the IMDFF-DR secretariat. As results, 2 (two) community infrastructures in the previous priority list were dropped, namely,</p> <ol style="list-style-type: none"> 1) Farming road Tanah Abang - Jalur Nunggal Kubur in Sajang village - East Lombok, and 2) Farming road Elong-Elong in Sambik Elen village - North Lombok. <p>3 out of 8 priority community infrastructures in West Nusa Tenggara have been verified by the IMDFF-DR Secretariat in February 2020. Those are:</p> <ol style="list-style-type: none"> 1) Clean water network Birisan Nangka, Sambik Elen village - North Lombok 2) Village Market Genggelang, Genggelang village – North Lombok 3) Irrigation canal Orong Sempade, Sajang village – East Lombok <p>The remaining 5 (five) community infrastructures is in process for IMDFF-DR follow up verification.</p>	<p>On-site verification for other 6 proposed community infrastructures is probably unable to be conducted in Q2 2020 due to COVID-19 pandemic. This situation may lead to the delay of implementation of CSOs partners in the field.</p> <p>PETRA UNDP has informed the IMDFF-DR secretariat during virtual meeting in the end of March 2020.</p> <p>Team will follow up by setting site verification through online platform.</p>	

		<p>As a part of fulfilling 8 Readiness Criteria, PETRA team in close cooperation with CSOs partners is ongoing process of collecting supporting documents of the 3 verified community infrastructures from both East and North Lombok district government.</p> <p><u>Central Sulawesi</u> As of March 2020, potential community infrastructures in Central Sulawesi were shuffled due to 8 Readiness Criteria. 2 (two) women multifunction halls in the previous priority list have been dropped and replaced with Irrigation canal in Tuva village. Following through the changes, 9 other potential community infrastructures have been identified and proposed, and following verification by IMDFF-DR Secretariat, the final targets will be:</p> <ol style="list-style-type: none"> 1) Suspensions bridge in Tuva village - Sigi District. 2) Irrigation canal in Tuva village - Sigi District. 3) Omu community market in Omu Village - Sigi District. 4) Irrigation canal in Jono village - Sigi district <p>These priorities have been consulted with the Sigi District Government and verified by IMDFF-DR. Further intervention will be consulted internally upon availability of resources, as well as its modalities to implement them.</p>		
Activity 2.2	Conduction of tendering processes for the rehabilitation of prioritized community (economic) infrastructure	Apart from community-based rehabilitation and reconstruction works being implemented by the 3 selected CSOs which are currently ongoing in West Nusa Tenggara and Central Sulawesi, the project is currently preparing the tendering process		

		of Design and Supervision for Reconstruction of 2 marketplaces in Central Sulawesi.		
Activity 2.3	Civil works/Construction: Contract management and supervision	Civil works/ reconstruction which part of the 3 CSOs' scope of work planned to begin by Q2. The civil work for 2 marketplaces is expected to commence in early next year.		
Activity 2.4	Implementation of small scale, cash-for-work schemes through NGOs/CSOs – debris removal and debris management	3 selected CSOs (<i>Perkumpulan Paluma Nusantara</i> for North Lombok and <i>Yayasan Wahana Visi Indonesia</i> for East Lombok in West Nusa Tenggara and <i>Yayasan Kemanusiaan Muslim Indonesia</i> to work in Sigi district-Central Sulawesi) have conducted technical assessment in the field to collect detail data and established disaster risk reduction mapping and planning. In West Nusa Tenggara, both Paluma and WVI, were conducted series of activities related to strengthening community capacity in DRR, namely, recruitment and training of DRR village volunteer, commodity strategic assessment, market assessment, and vulnerability assessment. In Central Sulawesi, YKMI has also conducted series of DRR strengthening activities such as consolidating Village Disaster Preparedness team (KSB) into Village Recovery Forum, disaster risk mapping and analysis.		
Activity 2.5	Design and piloting of a recycling and sorting facility, with the engagement of local	<i>To be removed as the indicator has no longer relevant with current situation (and will be formalized in Prodoc revision)</i>		

	authorities and communities			
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Annex 3

RISK ANALYSIS

Project Title: Sulawesi/Lombok Programme for Earthquake and Tsunami Infrastructure Reconstruction Assistance	Award ID: 00116311	Date: 31 March 2020
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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> <p>Environmental and Social Management Plan produced for West Nusa Tenggara subprojects and incorporated in construction tender document.</p>	Project Manager	Project Manager	30/ 03/ 2020	<p>No change</p> <p><i>(as relevant tasks not yet started)</i></p>

#	Description	Date Identified	Type	Impact & Probability	Countermeasures / Management response	Owner	Submitted, updated by	Last Update	Status
2	Occupational health and safety due to physical, chemical, biological, and radiological hazards during Project construction, operation, or decommissioning?	18/ 12/ 2018	Environmental	Contaminants during demolition, construction P = 3 I = 3	<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>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. UNDP has engaged 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.</p> <p>Adopting GoI standard policy on Preventive Measures in Construction Works.</p>	Project Manager	Project Manager	30/ 03/ 2020	<p>Increasing</p> <p>COVID-19 pandemic may likely affect the construction works, and health risk may prolong until end of 2020.</p>

#	Description	Date Identified	Type	Impact & Probability	Countermeasures / Management response	Owner	Submitted, updated by	Last Update	Status
3	National and sub-national stakeholders do not support PETRA's objectives and are not willing to cooperate.	18/ 12/ 2018	Political	Project would not be able to identify and restore damaged infrastructure. P = 1 I = 1	Maintain active consultation with the 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	RRU Team Leader Project Manager	Project Manager	30/ 03/ 2020	Completed 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 per required standards, including the required social, environmental and safety standards.	18/ 12/ 2018	Operational	Poorly constructed infrastructure will place communities at risk Construction Tender process will yield in minimum participation of potential bidders P = 3 I = 2	Asking potential companies to submit EOI. Ensure tenders are widely advertised. Prepare detailed RFQs/ ITBs RFQs/ ITBs are packaged in accordance with Gol's standard classification of construction companies' financial capacity. Re-strategizing construction tender subprocess	Project Manager	Project Manager	30/ 03/ 2020	Increasing COVID-19 pandemic may likely affect the construction tender process in terms of conducting site visit directly. The project anticipating workable measures to have all necessary information and coordination virtually.

#	Description	Date Identified	Type	Impact & Probability	Countermeasures / Management response	Owner	Submitted, updated by	Last Update	Status
					Adopting GoI standard policy on Preventive Measures in Construction Works.				
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	<p>NGOs are not able to engage with the community, or do not have appropriate experience.</p> <p>Inability of implementing community-based work due to COVID-19 pandemic.</p> <p>P = 3 I = 2</p>	<p>Select local NGOs that already have community networks in Palu and Lombok.</p> <p>Establish, review and update NGO/ CSO roster.</p> <p>Maintain relationship with NGO previously worked with UNDP through informal discussion and learning forum.</p> <p>Keep abreast of activities and/or event managed by potential NGOs/ CSOs, to indirectly monitor their capacities and performance.</p> <p>Adopting GoI standard policies on COVID-19 Preventive Measures in Construction Works issued by MOPW, and similar COVID-19 preventive measures policy in conducting Village-based Cash for</p>	Project Manager	Project Manager	30/ 03/ 2020	<p>Increasing</p> <p>COVID-19 pandemic limits human physical interactions, and therefore will affect on community engagement.</p>

#	Description	Date Identified	Type	Impact & Probability	Countermeasures / Management response	Owner	Submitted, updated by	Last Update	Status
					Work issued by MoV by end of March.				
6	Local communities will not engage with the project and develop a sense of ownership for project results, including rehabilitated/reconstructed local community infrastructure.	18/12/2018	Operational	Community Infrastructure not operated or maintained P = 2 I = 1	Community mobilizer involves communities at all stages of the project cycle. Engagement with communities and local government started before assignment of Implementing Partners to sense on their acceptance towards the Project's scope of intervention.	Project Manager	Project Manager	30/ 03/ 2020	Reducing Results and experiences from series of consultations with target communities and local government have been positive, which increase the likelihood of community's engagement towards project results.
7	COVID-19 pandemic may likely affect PETRA project implementation progress.	16/03/2020	Operational	Health risk to project personnel, beneficiaries and other involved stakeholders P = 3 I = 2	Set up protocol for safety, especially activities that required physical contact. Optimizing online platform as media for coordination and communication. Revisiting workplan and target.	Project Manager	Project Manager	31 March 2020	UNDP COVID-19 protocol and preventive measures are in place. Online platforms are utilized, i.e. zoom, WhatsApp and skype.

Annex 4

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		<i>Extended, Ongoing</i>										
	1.2. Complete a detailed annual investment plan for local recovery , in close consultation with relevant national and local authorities and local communities												
	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		<i>ES, Ongoing</i>										
	1.4. Civil works/ Construction: Contract management and supervision							<i>LS</i>				<i>LF</i>	
	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					<i>LF</i>							

	economic assets (infrastructure) to be recovered																		
	2.2. Conduct tendering processes for the rehabilitation of prioritized community (economic) infrastructure					LS													
	2.3. Civil works/Construction: Contract management and supervision																		LF
	2.4. Implementation of small scale, cash-for-work schemes through NGOs/CSOs – debris removal and debris management				LS														
	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

Annex 5

QUARTERLY DISBURSEMENT 2020* figure in EURO

Outputs	Activities	Fund Source	Budget (EURO)	Disbursement	Balance
				Q1 2020	
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	86,653.07	27,096.93
	1.2 Civil works: Design, Construction and Technical Supervision	KfW	16,740,000.00	2,803,317.13	13,936,682.87
	1.3 Equipment	KfW	2,000,000.00	183,932.59	1,816,067.41
	1.4 Capacity building, consultation and awareness raising	KfW	75,420.00	7,344.09	68,075.91
	Total		18,929,170.00	3,081,246.89	15,847,923.11
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	37,891.24	608.76
	2.2 Civil Works (Economic Infrastructure): Design, Construction and Supervision	KfW	803,000.00	154,668.74	648,331.26
	2.3 Small scale debris management (Ground preparation for land fill rehabilitation and local employment)	KfW	500,000.00	266,873.43	233,126.57
	2.4 Capacity Building, Consultation and Awareness Raising	KfW	48,998.40	1,469.56	47,528.84
	Total		1,390,498.40	460,902.97	929,595.43
Output 3: Other Direct Project Costs (Cross Cutting Output 1 and Output3)	3.1 Project Management Unit	KfW	1,915,766.40	498,503.30	1,417,263.10
	3.2 Programme Staff (Project Quality Assurance, Technical Guidance and Support oversight)	KfW	333,929.16	85,071.49	248,857.67
	3.3 Travel (for quality control/supervision; technical support; administrative support, oversight, etc) - Non-Consulting Personnel	KfW	100,320.00	68,618.25	31,701.75

	3.4 Other Operating Expenses	KfW	405,000.00	249,166.09	155,833.91
	3.5 Communications and Publications	KfW	24,464.00	7,787.27	16,676.73
	3.6 Evaluation and Audit	KfW	49,000.00	-	49,000.00
	Total		2,828,479.56	909,146.39	1,919,333.17
	GMS 8%		1,851,852.04	117,113.55	1,734,738.49
	Grand Total		25,000,000.00	4,568,409.80	20,431,590.20

*Accumulative figures from January 2019 to March 2020