

**Indonesia, Sulawesi-Lombok Programme for Earthquake and Tsunami
Infrastructure Reconstruction Assistance (PETRA)
Quarterly Progress Report April - June 2022**

Sector situation:

Currently, the sectors that have an influence on the running of the PETRA project in Central Sulawesi and West Nusa Tenggara Provinces are related to the COVID-19 pandemic, political occurrence, and the provincial reconstruction and rehabilitation action plan.

COVID-19 Pandemic

In this reporting period, Indonesia shows a decrease in the number of daily confirmed cases of COVID-19. As of 30 June 2022, the Government of Indonesia reported 6,081,896 confirmed cases of COVID-19 with 156,726 deaths. In Central Sulawesi, there are 60,826 confirmed cases, 1,726 deaths, 59,091 recovered cases and 9 active cases. Meanwhile, in West Nusa Tenggara, there are 35,998 confirmed cases, 998 deaths, 34,984 recovered cases and 16 active cases. The government is pursuing a vaccine target, it was recorded as June more than 80 percent had completed the second dose of vaccination. As widely reported on 17 May 2022, people are no longer required to wear face masks in open places and Indonesia drops requirements for vaccinated travellers to show negative pre-departure tests.

As the covid situation is improving from time to time, UNDP Indonesia return to 100 percent work from office arrangement by implementing strict health protocols. UNDP's Resilience and Reconstruction Unit (RRU) and PETRA Project teams continued implementing project activities considering health protocols for all staff and partners, face to face and utilization of online platform for coordination, consultation, communication, and site visit to monitoring the progress on the ground.

Political Occurrence

During the Q2 of 2022, there have been no political occurrence in West Nusa Tenggara and Central Sulawesi related to PETRA project.

Provincial Rehabilitation and Reconstruction Action Plan

Housing rehabilitation and reconstruction remained the focus of both Central Sulawesi and West Nusa Tenggara in this quarter. As per June 2022, Central Sulawesi has reached 94 percent¹ progress of permanent housing construction. Whilst West Nusa Tenggara Province has reached 100 percent² since March 2022.

Coordination with local governments, project implementation partners, and beneficiaries:

In Q2 2022, the coordination and consultation with the governments, partners, and beneficiaries in Central Sulawesi and West Nusa Tenggara have been slowly transitioning to face-to-face modality, besides still

¹ Progress Report of Central Sulawesi's Post-Earthquake Housing Rehabilitation and Reconstruction – Central Sulawesi Residential Infrastructure Center (BPPW), June 2022

² Progress Report of NTB's Post-Earthquake Housing Rehabilitation and Reconstruction – TPK Rehab Rekon NTB, March 2022

using online platform such as Zoom meetings, emails, phone calls, and WhatsApp messaging. Site visits to monitor progress in subproject location have been made following strict health protocol.

There were several offline meetings conducted with health protocols, such as asset handover ceremony, and consolidation with local governments. Construction sites monitoring and technical review meetings with contractors and supervision consultant has been conducted at sites on weekly basis to inspect quality of works on-site, review work progress, technical challenges on sites, discuss issues, challenges, and solutions.

UNDP is in close coordination with national and sub-national stakeholders regarding assets transfer procedures and supporting documents. BNPB organized formal handover of 22 sub-projects in West Nusa Tenggara followed by operational hand-over to provincial and district government on 8 June 2022. Whilst at provincial and district level mostly focusing on PETRA progress, and discussion on asset maintenance and sustainability by local government.



Exhibition of House of Resilience Indonesia at the side event of Global Platform
Photo: Sukma Riverningtyas, Bali, May 2022

UNDP has participated in the Global Platform on Disaster Risk Reduction hosted in Bali this year. On 23 – 28 May 2022, UNDP joined the side event where talk show was delivered by PETRA Community Mobilization Associate, sharing about how PETRA has been Addressing Gender Equality and Social Inclusion in Crisis Recovery. PETRA participated in an exhibition of the Indonesian House of Resilience, in conjunction with the 7th GPDRR with a booth displaying knowledge product and information on PETRA project. Materials displayed were in the form of poster, booklet, infographics, and story book.

Project Board Meeting of PETRA project was held on 8 June 2022 in Mataram, attended by representative from BNPB, Bappenas, Ministry of Finance, UNDP country office and PETRA project team. The Project Board agreed to extend the project until mid-2024 with no cost extension and requested to revise the project document as soon as possible. The

board also approved UNDP's low-value grant agreement process including selection criteria and selection/evaluation process for CSOs implementing partner.

Progress and developments during the reporting period:

The progress in Q2 2022 are as follows:

Key Milestones in April-June 2022

- The cumulative progress of the reconstruction of two hospitals in Central Sulawesi is 97 percent. Respectively, the progress on the reconstruction of Pediatric/ Post Surgery Inpatient Building (Pinus/ Ebony) and Maternity Building (Meranti) at Tora Belo Hospital in Sigi District in Central Sulawesi has reached 99 percent. Meanwhile, the progress of reconstruction works of Stroke Center and Inpatient building (Murai), and Pharmacy building at Anutapura Hospital in Palu City is 95 percent.
- The cumulative progress of reconstruction of Health and School Facilities (18 Schools and 1 Health facility) in Palu, Parigi Moutong, and Sigi Districts in Central Sulawesi is 28 percent as of Amicable Termination on 18 March 2022.
- The cumulative progress of the reconstruction of Health and School Facilities (3 Schools and 1 Health facility) in Donggala District, Central Sulawesi is 98 percent.
- The cumulative progress of the reconstruction of Two Landfills in Central Sulawesi is 40 percent.

- The cumulative progress of the reconstruction of Two Public Markets in Central Sulawesi (Omu Local Market in Sigi, and Sibado Local Market in Donggala District) is 100 percent.
- The cumulative progress of the reconstruction of Two Irrigation Canals in Central Sulawesi (Jono Irrigation and Tuva Irrigation in Sigi District) is 100 percent.
- An independent assessment was conducted by PT Indokoei in June 2022 to 19 subprojects in Central Sulawesi under PT Istaka Karya (Persero) contract.
- Handover of 22 sub-projects in West Nusa Tenggara involving key stakeholders at national and sub-national level was conducted on 8 June 2022.

Annex 1 highlights the progress of PETRA Project as end of June 2022 against each output and activity.

Output 1.

In Central Sulawesi, the cumulative progress of hospital reconstruction subproject is 97 percent as of the end of June 2022. Respectively, the reconstruction progress of Stroke Center and Murai Inpatient building, and Pharmacy building at Anutapura Hospital in Palu is at 95 percent, and the reconstruction progress of Pediatric/ Post Surgery Inpatient building (Pinus/ Ebony) and Maternity building (Meranti) at Tora Belo Hospital in Sigi has reached 99 percent.

Until the end of Q2 2022, the contractor and consultant are conducting equipment functionality tests at Tora Belo Hospital, and while at Anutapura Hospital, they are working on the Mechanical, electrical, and plumbing (MEP) work, wall painting, and elevator installation. Overall, the reconstruction of both hospitals is expected to complete by July 2022.



The reconstruction progress of Pharmacy Building at Anutapura Hospital in Palu City, Central Sulawesi.

Photo: Sukma Riverningtyas, UNDP. Palu, June 2022

Regarding the reconstruction work of 1 health facility and 18 school facilities by PT Istaka Karya (Persero), based on the technical and operational considerations, UNDP and PT. Istaka Karya has agreed to terminate the construction service contract between the two parties as of 18 March 2022, with a progress of 28 percent. In order to finalize the amicable termination, UNDP and PT. Istaka Karya followed up with an assessment of the progress of reconstruction work in each of the sub-projects achieved until 18 March 2022. Nippon Koei Co. Ltd. has been appointed through the UNDP competitive process to carry out the work of assessing the progress of the construction work in question. The field assessment process was carried out from 3 to 15 June 2022.

The results of the assessment will be the basis for re-planning and retendering of reconstruction services for the completion of the 19 target facilities in Central Sulawesi. UNDP and PETRA management team are in process to complete the administrative process and expect to resume work in Q3 2022.

In the meanwhile, the situation led to the raise of several issues on the field, such as: 1) grievance from targeted users regarding the delay that will disrupt education services in the targeted locations; and 2) since currently all districts in Central Sulawesi are at PPKM Level 1 and the vaccination rate is above 80 percent, schools must apply 100 percent face-to-face everyday school policy. As we are aware, previously the government policy only allowed the school learning activities to be conducted virtually during the peak of pandemic in 2021. While waiting for the follow-on actions to re-tender the 19 facilities under this package, 15 school facilities are in urgent need of temporary classrooms to undergo face-to-face learning activities. The 15 schools consist of 13 schools that do not have temporary classrooms because the existing buildings were demolished when reconstruction work began in 2021, and 2) other schools whose temporary classrooms have been in poor conditions since being built in 2018/2019. It is noted that the academic year will begin in the second week of July 2022.

In connection with the above matters, UNDP in collaboration with CSO partners will intervene to support the construction of temporary classrooms of 13 schools and provide light rehabilitation to 2 schools to enable students utilizing safe temporary classrooms for their learning activities using TRAC fund.



The reconstruction progress of SDN Sindue Tobata in Donggala District, Central Sulawesi.

Photo: Sukma Riverningtyas, UNDP. Donggala, June 2022

UNDP remains committed to honoring the completion of the project by putting the needs of the communities at the forefront. This amicable termination will not impact UNDP's current agreement with KfW. UNDP will continue to provide updates to KfW as we seek tenders with a more suitable contractor to complete the pending projects in Central Sulawesi. In addition, UNDP has also developed communication strategy to inform direct users, relevant stakeholders, as well as media about the issues.

Meanwhile, the reconstruction of 1 health facility and 3 schools in Donggala District has reached a cumulative progress of 98 percent. On 29-30 June 2022, PETRA team, consultant, and contractor conducted a joint inspection at 4 sites in Donggala. Based on the joint inspection, the consultant and PETRA Team viewed that the work could not be declared complete yet. For example, the implementation of the commissioning work of mechanical and electrical must use accessories (such as Gate Valves) that comply with the

specifications in the BOQ, Drawings and Technical Specifications. The consultant will further examine and submit to UNDP the results of the verification of the progress report of PT. Ervan Prima Abadi. Meanwhile, Liquidated Damages for Delays is valid from July 1 until progress is declared complete.

Later, the contractor will be able to response to the results of the progress verified by the consultant. PT. Ervan Prima Abadi has been asked to submit an action plan that describes the implementation timeframe and resources to complete the remaining work. Overall, the unfinished works are related to doors, windowsills, painting, and tidying up the roof vents.



Leachate Treatment Plan (LTP) of Kawatuna Landfill in Palu City.

Photo: Wisnu Pranata, UNDP. Palu, June 2022

Regarding the reconstruction of two landfills, the cumulative progress has reached 40 percent. Respectively, the reconstruction of Kawatuna Landfill has reached 40 percent, while Kabonga Landfill has reached 40 percent as well.

At Kawatuna Landfill, work being carried out includes Preparatory Works, demolition of Leachate Treatment Plan (LTP), excavation of anaerobic ponds, and lean concrete of walls and floors. Other works include the reconstruction of office roof trusses, pavement for the foundation embankment in the workshop building, and preparation of casting ring beams at the Security Post building.

At Kabonga Landfill, the work being carried out includes preparatory work, installation of the Leachate Treatment Plan (LTP) bow plank, excavation, and casting of the floor of the MRF Building, and installation of concrete panel walls for the perimeter fence.

In West Nusa Tenggara, UNDP has officially handed over 22 subproject of health facilities, schools, and community infrastructures to BNPB on June 8th, 2022, in Mataram City. The signing of handover document from UNDP was represented by Christian Budi Usfinit Team Leader of Resilience and Reconstruction Unit and BNPB was represented by Jarwansyah, the Deputy Rehabilitation and Reconstruction. At the same time, BNPB and representative local governments both provincial and district have signed of operationalization handover, aiming those facilities can be utilized and local governments can allocate maintenance budgets while waiting for the transfer of assets from BNPB to local governments.

During the official handover ceremony, the Primary Secretary BNPB Lilik Kurniawan and representative local government both provincial and district appreciated PETRA project and thank to Government of German for their support. More than 70 participants representative from BNPB, BAPPENAS, Ministry of Finance, Province and District government, Contractor, supervise consultant and UNDP PETRA team attended the event.

Following the handover, the Primary Secretary, Deputy Rehabilitation and Reconstruction and BNPB team, Director of Evaluation, Accounting, and Settlement representative of the Ministry of Finance, representative of Bappenas, representative of district government and PETRA team visited SMKN 1 Tanjung and Telaga Wareng Auxiliary Health Center in North Lombok and had a discussion with the beneficiaries on site. In this reporting period, the contractor (PT. Ervan Prima Abadi JV) continues repairing the defects of health and school facilities till the defect liability period ended in November 2022. Supervision consultant (PT. Arkonin-Dacrea) supervised repairing works on site.

Output 2.

In Central Sulawesi, the reconstruction of two irrigation canals in Tuva and Jono villages in Sigi, conducted by UNDP's CSO Partner IMUNITAS, has completed. The reconstruction of irrigation canal in Jono village was completed at the end of February 2022, whilst irrigation canal in Tuva village was completed in May 2022. The organization of the Water User Farmers Association (P3A) was formed in both villages to carry out intensive, efficient, and participatory operational and maintenance by the community in the villages. The members include all the farmers and pond owners who use water resources from the irrigation of Tuva and Jono villages. The P3A membership in Jono Village is joined by more than 40 people. Meanwhile, in Tuva Village by as many as 20 people.

IMUNITAS and the village community worked together to fix the pipeline support structures part of the Tuva irrigation canal that was damaged by a flash flood in March this year. IMUNITAS went hand in hand with the involving the Head of Tuva Village, the head of P3A Tuva Village, and PETRA UNDP. The rehabilitation of the damaged building was completed by early Q2 2022.



"PETRA project is one of the things we appreciate from BNPB. How PETRA Project also involves local workers, women workers, and of course also involves disability in economic recovery, this is very extraordinary. PETRA is a good practice of disaster recovery carried out together not only by men, but *no one left behind*. We are grateful for the support of UNDP, funded government of German and KfW for assistance in NTB and Central Sulawesi" said Lilik Kurniawan, Primary Secretary BNPB.

Photo: Dandi Rahman, UNDP. Mataram, June 2022.

The reconstruction of two public markets in Central Sulawesi by PT Insan Cita Karya has completed. The Department of Industry, Trade and Cooperatives, the subdistrict governments, village governments, and market traders in both districts have shown high commitment to support the operational and maintenance of the project. There are 162 traders who will benefit from the Sibado Market, and 90 in Omu Market. PETRA is monitoring the grow in number of traders in the upcoming months.

Following the completion of reconstruction works of Omu Market in Q1 2022, the community has utilized the facility 3rd times after the temporary hand over. The number of sellers occupied increased up to 90 sellers compare to before reconstruction due to its capacity. Tatang (50), the market committee member said that sellers are happy because the market is larger, cleaner, has good latrines and accessible compared to previous market. "The old one was not proper. Muddy during rainy season, and dusty in the dry season, there was no drainage for us. This new one, we have a better stall with good drainage, floor, and most important thing for us as fish vendor is clean water available," says pak Udin, a fish vendor from Sidondo that regularly trading in Omu market.



The situation of market day at Omu Local Market at Sigi District, Central Sulawesi.

Photo: Olyvianus, UNDP. Sigi, June 2022.

In West Nusa Tenggara, the integrated and sustainable waste management study in Sambik Elen village, North Lombok has been completed. The findings result that almost 100% of the waste is improperly managed, the unavailability of waste management services caused the community to manage the waste by being burnt and dumped into the drainage system. UNDP has coordinated and consulted with village officials and community leaders to provide technical support and assistance related to sustainable waste management in the village. In addition, the Environment and Forestry Agency of North Lombok is starting to build a TPS3R (Waste sorting - Reduce Reuse Recycle) building in Sambik Elen village.

Furthermore, PETRA team continues bridging close coordination and communication with the Environment and Forestry Agency of North Lombok to discuss the preliminary design of waste segregation facility in Genggelang village. UNDP will launch a Request for Quotation (RfQ) to select a civil work company to construct a waste segregation facility in the village.

CSO selection to implement the community-based waste management program through Low Value Grant Agreement (LVGA) is still in process. PETRA team also built coordination with TNGR (Rinjani Mountain National Park) to discuss potential collaboration to address waste issues, specifically in Sambik Elen village. The head of TNGR was very welcome to work further on it.

The Village Government of Genggelang, North Lombok and PETRA team has discussed regularly and surveyed the location for waste segregation facility. The village has provided a piece of land approximately 500 m² as the location of waste segregation facility. Supporting documents for the waste facility are being prepared by the village.



"We meet once a week. ASCA (Accumulating Saving and Credit Association) aspires to strengthen team spirit and support families experiencing financial hardship" said Siska, Head of women group ASCA Barokah, East Lombok.

Photo: Wigatiningsih, UNDP. East Lombok, April 2022.

Finding on the ground, women group ASCA (Accumulating Saving and Credit Association) Barokah have distributed savings money for Eid celebration needs in May. Two years after the intervention, this group continues to grow, due they feel the benefits. They learn leadership skills, management skills and how to develop partnerships.

Update of time schedule:

Based on coordination meeting with representatives BNPB, Bappenas and Ministry of Finance, PETRA project will extend until the end of Q2 2024 and does not require additional costs (no cost extension).

Costs and Finances:

The total financial expenditures of the PETRA project in Q2 2022 were EUR **22,054,956.19** or **88%** of the total budget (please refer to Annex 7). Regarding the foreseen extension of the project's operation up to 16 months (till mid of 2024), the operating costs remain sufficient following several efficiency measures, as risks of delays to implementation were identified in Q2 2020, and costs were reduced for some activities, i.e., meetings, workshops, and travel.

Outlook, recommendations, and issues to be decided upon:

For the Q3 of 2022, the Project will be focusing on:

- a) Monitoring and supervision on the progress of:
 - Reconstruction work of 3 School facilities and 1 health facility in Donggala District -Central Sulawesi.
 - Reconstruction work of two landfills and supporting facilities in Palu and Donggala in Central Sulawesi.
 - Reconstruction work of 2 hospital facilities in Sigi and Palu, Central Sulawesi.
- b) Preparing asset transfer documents and official hand over with Government of Indonesia through BNPB for the completed subprojects in Central Sulawesi.
- c) Completing administration matter related to PT Istaka Karya's amicable termination and preparation for retendering process of 19 subprojects in Central Sulawesi.
- d) Monitoring and documentation the utilization of 14 reconstructed schools and health facilities, 8 community infrastructures and sustainability of groups in West Nusa Tenggara.
- e) Tracking regional budget allocated to purchase tools and equipment for health and school facilities in West Nusa Tenggara.
- f) Finalized Detail Engineering Design and Bill of Quantity (BoQ) of Waste Segregation Facility in North Lombok.
- g) Selection CSO to implement sustainable waste management through LVGA and launching RfQ to select contractor to construct a waste segregation facility in North Lombok.

List of annexes:

Annex 1. Quarterly Progress Report II 2022

Annex 2. List of Subprojects

Annex 3. Staffing 30 June 2022

Annex 4. Risk Analysis

Annex 5. Multi Year Work Plan (Updated version incorporating projection of time extension required)

Annex 6. List of Online Publication in April - June 2022

Annex 7. Quarterly Disbursement 2022

Annex 8. List of Photos of Implementation Progress Activity of PETRA project in April - June 2022

Annex 9. Completion Report of Reconstruction of Tuva Irrigation canal

Annex 1

QUARTERLY PROGRESS REPORT 2021¹ Period: October – December 2021

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 total budget for output)</i>
	Total Project: € 18,929,170.00		Total Project: 92 %
Output 1 Indicators	Quarter Progress <i>Provide quantitative results for quarter (not cumulative).</i>	Annual Target³ <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 (2022 – Q2)</i>
1.1 Cumulative # health units reconstructed or rehabilitated using 'build-back better' construction standards.	1.1 Work in Progress - 14 of 14 DEDs completed; 10 out of 14 subprojects completed (remain 4 subprojects are in reconstruction works).	1.1 5 health units reconstructed by Year 2; and 10 health units by Year 3 (to be adjusted in accordance to approved priority targets).	Euro € 17,482,365.07
			Financial Delivery Rate (%) <i>expenditures(2022-Q2) against the annual budget for output) (Y2022)</i>
1.2 Cumulative # educational establishments reconstructed or rehabilitated using 'build-back better' construction standards.	1.2 Work in Progress - 25 of 25 DEDs completed; 4 out of 25 subprojects completed (remain 21 subprojects are in reconstruction works).	1.2 9 educational establishment reconstructed by Year 2 and 18 by year 3 (to be adjusted in accordance to approved priority targets).	49%
1.3 Cumulative # of service users that benefit from rehabilitated/ reconstructed health facilities (men and women, girls and boys)	1.3 Tba – upon completion of reconstructed facilities	1.3 50,000 by Year 2; 200,000 by Year 3 (to be adjusted in accordance to approved priority targets).	
1.4 Cumulative # of school-age children that benefit from		1.4 5,000 by Year 2; 10,560 by Year 3 (to be adjusted in accordance to approved priority targets)	

³ 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.

reconstructed or rehabilitated educational facilities	1.4 <i>Tba – upon completion of reconstructed facilities</i>		
1.5 Cumulative # tonnes of municipal solid waste sustainably disposed of and/or recycled per day, using rehabilitated facilities and newly introduced waste management systems	1.5 <i>Tba – upon completion of reconstructed facilities</i>	1.5 150 tonnes by Year 3	
1.6 Cumulative # of cubic metres of earthquake and tsunami debris recycled by municipal public facilities by the end of the project	1.6 <i>Tba – upon completion of reconstructed facilities</i>	1.6 50,000 tonnes by Year 2; 100,000 tonnes by Year 3 (to be adjusted in accordance to approved priority targets).	
1.7 Extent to which a technical guideline on gender sensitive rehabilitation and reconstruction inclusive preparedness is available	1.7 Gender and Disability Inclusive Technical Guidelines produced in 2019; its findings and recommendations are incorporated into the designs of planned facilities.	1.7 Technical guideline disseminated to Local Government on Year 2; Adoption of the Technical Guideline by the Government Contractors for schools and health facilities in Year 3	

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	Completed in Q2 2020		
Activity 1.2	Complete a detailed annual investment plan for local recovery,	The list of targeted subprojects for post-disaster reconstruction in both Central Sulawesi and West Nusa Tenggara, had been completed in		

	in close consultation with relevant national and local authorities and local communities	close consultation with relevant national, local government and local communities. In total, PETRA project will reconstruct 41 public basic service infrastructures (<i>see annex 2 for more detail of targeted subprojects</i>).		
Activity 1.3	Conduct tendering processes for (a) Civil works design and supervision (stage one) and (b) Construction (stage two) – using ‘Build Back’ Better principles	<u>West Nusa Tenggara:</u> Completed <u>Central Sulawesi:</u>		
Activity 1.4	Civil works/ Construction: Contract management and supervision	<u>West Nusa Tenggara</u> 22 subproject of health facilities, schools and community infrastructures has handed over to BNPB on June 8 th , 2022. The contractor continues repairing the defects of health and school facilities in close consultation with supervision consultant. <u>Central Sulawesi</u>		
Activity 1.5	Provision of equipment to accelerate the restoration and enhancement of critical public services, in close coordination with national and local authorities.	The restored capacity of electrical power transformer in Anutapura Hospital Palu has enabled the hospital in putting back the operational capacity of critical facilities that previously had to be operated alternately, i.e., Radiology, Hemodialysis, Electrocardiogram (EKG), CT scan, as well as the Polyclinic.		
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 total budget for output</i>)	
		Total Project: € 1,390,498.40		Total Project: 89 %
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 (2021 – Q3)</i>	
<p>2.1 Cumulative # km of irrigation canals and drainage in disaster-affected areas rehabilitated or reconstructed for improved agriculture.</p> <p>2.2 Cumulative # of culverts and bridges disaster-affected areas rehabilitated or reconstructed for improved agriculture.</p> <p>2.3 Cumulative # local markets rehabilitated or reconstructed.</p> <p>2.4 Cumulative # households that benefit from economic infrastructure rehabilitation (men and women), including direct beneficiaries (self-employed; employees) and indirect</p>	<p>2.1 Work in Progress – 4 out of 5 irrigation canals are completed; 1 clean water pipeline distribution is completed; 2 water retention basins with drainage had been completed. Remaining 1 irrigation canal is nearly completed.</p>	<p>2.1 4 km in Year 2; 7 km in Year 3 (to be adjusted in accordance to approved priority targets).</p>	<p>Euro € 1,230,831.77</p>	
			<p>Financial Delivery Rate (% <i>expenditures (2022-Q2) against the annual budget for output)(Y2022)</i></p>	
				<p>57 %</p>
		<p>2.2 Work in Progress – (2 out of 2 bridges completed: Belunak farmers bridge in East Lombok; Tuva suspensions bridge in Sigi district)</p>	<p>2.2 2 in Year 2; 3 in Year 3 (to be adjusted in accordance to approved priority targets).</p>	
	<p>2.3 Work in Progress (3 out of 3 completed: Commodity kiosk of Genggelang market in North Lombok -West Nusa Tenggara; Omu local market in Sigi district and Sibado local market in Donggala district – central Sulawesi)</p>	<p>2.3 1 in Year 2; 2 in Year 3 (to be adjusted in accordance to approved priority targets).</p>		
	<p>2.4 tba – (current direct beneficiaries are 3,117 households (8,632 persons; 4,486 men, 4,146</p>	<p>2.4 Retail - 300 Hh (direct) and 1,000 Hh (indirect), Agriculture – 1,000 farmers (Year 2); Retail – 400 Hh (direct) and 3,000 (indirect), Agriculture – 2,000 farmers (Year 3) ((to be adjusted in</p>		

<p>beneficiaries (consumers/users) – in retail and agriculture</p> <p>2.5 Cumulative # newly created jobs in the waste management and recycling ecosystem (collection, sorting, processing retailing), direct and indirect, men and women</p>	<p>women); Indirect beneficiaries around 9.412 Households: 34.096 people [17.267 men and 16.829 women] – the number will be increase upon completion of 5 remaining community infrastructures in Central Sulawesi)</p> <p>2.5 Being assessed on relevance with current situation (revision will be formalized in Project document revision) Opportunities on creation of jobs in the context of waste management and recycling will be assessed along the reconstruction of target community markets in Genggelang, NTB; and Omu – Sigi and Sibado – Donggala markets. The assessment will be conducted in close coordination and communication with local government stakeholders.</p>	<p>accordance to approved priority targets).</p> <p>2.5 250 jobs in Year 2; 1,000 jobs in Year 3 (to be adjusted in accordance to approved priority targets).</p>	
---	--	---	--

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.	The prioritization of critical local economic assets (infrastructure) to be recovered in both West Nusa Tenggara and Central Sulawesi province has been completed.		
Activity 2.2	Conduct tendering processes for the rehabilitation of	West Nusa Tenggara Completed		

	prioritized community (economic) infrastructure.	<u>Central Sulawesi</u> Completed		
Activity 2.3	Civil works/ Construction: Contract management and supervision	<u>West Nusa Tenggara</u> Completed <u>Central Sulawesi</u> By April 2022, the 170 meters of Tuva Irrigation canal was completed reconstructed by UNDP CSO partner, IMUNITAS. The joint inspection with the local government of Sigi district was conducted in April and the facility currently has been temporary handed over to and has been utilised by the community. The facility will be irrigating 12.5 hectares of paddy field belongs to 18 HH farmers of Tuva and provide clean water for 23 HH for domestic use.		
Activity 2.4	Implementation of small scale, cash-for-work schemes through NGOs/CSOs – debris removal and debris management	<u>West Nusa Tenggara</u> Completed <u>Central Sulawesi</u> Completed		
Activity 2.5	Design and piloting of a recycling and sorting facility, with the engagement of local authorities and communities	Assessment of integrated and sustainable waste management in Sambik Elen has completed in May 2022. The Village Government of Genggelang, North Lombok and PETRA team has discussed regularly and surveyed the location for waste segregation facility. The village has provided a piece of land approximately 500 m ² as the location of waste segregation facility. While Request for Quotation (RfQ) to select a contractor to construct waste segregation facility and engage CSO to implement the community-based waste management		

		program through Low Value Grant Agreement (LVGA) is still in process.		
--	--	---	--	--

Annex 2

LIST OF SUBPROJECTS

Design and Supervision Consultancy Works of Output 1 Subprojects

No	Design and Supervision Contract ID	Description	Design and Supervision Consultant	Contract Value (IDR)	Contract Value (EUR)	Progress Status			
						Assessment	Concept design	Detail Engineering Design (DED)	Supervision
1	PS/2019/0000000680	Design and supervision of reconstruction of facilities at two hospitals (Anutapura and Tora Belo hospital) in Central Sulawesi	PT Arkonin Engineering Manggala Pratama	6,053,000,000	356,058.82	Completed	Completed	Completed	Ongoing
2	PS/2019/0000000654	Design and supervision of 14 subprojects in West Nusa Tenggara: 1 Primary Healthcare Facility (Puskesmas) in East Lombok district; 8 Supporting Healthcare Facilities (Pustu) in North Lombok district and 4 Vocational High Schools (SMK) in North Lombok district	PT Arkonin Engineering Manggala Pratama JV with PT. Dacrea Design and Engineering Consultants	7,622,834,000	475,936.91	Completed	Completed	Completed	Ongoing
3	PS/2019/0000000812	Design and supervision for Reconstruction of Primary Health Care and 21 Schools in Central Sulawesi: 2 Primary Healthcare Facilities (Puskesmas) - in Sigi and Donggala; 2 Vocational High Schools - in Palu and Sigi and; 19 Primary Education school buildings (12 SD/Elementary and 7 SMP/Junior High) - in Palu, Sigi, Donggala and Parigi Moutong	PT. Yodya Karya (Persero) JV PT. Bumi Harmoni Indoguna and PT. Cakrabuana Consultants	15,162,870,000	891,933.53	Completed	Completed	Completed	Ongoing
4	PS/2019/0000000801	Design and supervision of reconstruction of 2 Landfills in Central Sulawesi: Kawatuna landfill in Palu and Kabonga landfill in Donggala.	PT Arkonin Engineering Manggala Pratama JV with PT. Indokoei International	9,895,350,000	582,079.41	Completed	Completed	Completed	Ongoing

Subprojects Output 1 - Reconstruction of basic public service infrastructures

No	Sub Project	Locations	Description	Contractor	Subproject Cost (IDR) ⁴	Subproject Cost (EUR)	Progress Status of Construction work ⁵	Projection date for Handover
Health Sector								
1	Anutapura Hospital	Central Sulawesi / Palu	Reconstruction of a two-story building, consist of Murai inpatient building and Stroke Center, Reconstruction of a two-story Pharmacy building, and Restoration of Transformer, main distribution panel, power network & installation	PT. Dwi Tunggal Suryajaya (AG Construction)	16,563,554,863	1,077,980	Cumulative: 95.28 % (per 27 June 2022) Progress per Work Item 1. Preparation works: 99.804 % 2. Structural Works: 100 % 3. Architectural works: 79.817 % 4. MEP works: 95.275 % 5. Additional Works 1: 100 % 6. Additional Works 2: 29.762 % 7. The supply and installation of Transformer, main distribution panel and power network have been completed in March 2020	Q4 2021; reschedule to Q2 2022
2	Tora Belo Hospital	Central Sulawesi / Sigi	Reconstruction of a two-story Inpatient building, consist of Pinus room (ground floor), and Ebony room (first floor), complete with Slope way to Ebony room, Reconstruction of Maternity Building (Meranti room)		11,752,882,018	764,894	Cumulative: 99.99 % (per 27 June 2022) Progress per Work Item 1. Preparation works: 100 % 2. Maternity Building Structural works: 100 % 3. Maternity Building Architectural works: 100 % 4. Maternity Building MEPworks: 100 % 5. Pinus/Ebony Building Structural works:100% 6. Pinus/Ebony Building Architectural works: 100 % 7. Pinus/Ebony Building MEP works: 100 % 8. Additional Works 1: 100 % 9. Additional Works 2 : 84.161 %	Q4 2021; reschedule to Q2 2022
3	Puskesmas Kulawi	Central Sulawesi / Sigi	Reconstruction of the main building of the Puskesmas (sub-district medical center), including five unit of toilets	PT Istaka karya (Persero)	3,108,072,000	191,255	Cumulative: 12.95 % (per 18 March 2022) Progress per Work Item 1. Preparation works: 92.79 % 2. Structural Works: 16.33 % 3. Architectural works: 0 % MEP & Septic tank works: 0 %	Q4 2021; reschedule (TBD)
4	Puskesmas Malei	Central Sulawesi / Donggala	Reconstruction of the inpatient building, including six unit of toilets.	PT. Ervan Prima Abadi	1,935,127,000	119,078	Cumulative: 99.37 % (per 27 June 2022) Progress per Work Item 1. Preparation works: 100 % 2. Structural Works: 100 % 3. Architectural works: 99.0274 % 4. MEP & Septic Tank works: 99.0751 %	Q4 2021. reschedule to Q2 2022

⁴ As per aggregate contract and amendment

⁵ Status reflecting progress as per June 2022.

No	Sub Project	Locations	Description	Contractor	Subproject Cost (IDR) ⁴	Subproject Cost (EUR)	Progress Status of Construction work ⁵	Projection date for Handover
5	Puskemas Pembantu (Pustu) Tegal Maja Tanjung	West Nusa Tenggara / Lombok Utara	Reconstruction of Main Building	PT. Ervan Prima Abadi JV with PT. Machara Konstruksitama and PT. Enera Teknik Utama	1,081,459,329	63,615	Cumulative: 100% Progress per Work Item: 1. Work Preparation: 100% 2. Health Building: 100% 3. House Doctor: 100% 4. Electrical Work 100% 5. Mechanical work 100% 6. Testing and Commissioning 100%	handed over on June 8 th , 2022, and has been utilized by beneficiaries
6	Pustu Gangga	West Nusa Tenggara / Lombok Utara	Reconstruction of Main Building		1,083,567,648	63,739	Cumulative: 100% Progress per Work Item: 1. Work Preparation: 100% 2. Health Building: 100% 3. House Doctor: 100% 4. Electrical Work 100% 5. Mechanical work 100% 6. Testing and Commissioning 100%	handed over on June 8 th , 2022, and has been utilized by beneficiaries
7	Pustu Rangсот Sigar Pejalın	West Nusa Tenggara / Lombok Utara	Reconstruction of Main Building		1,086,057,934	63,886	Cumulative: 100% Progress per Work Item: 1. Work Preparation: 100% 2. Health Building: 100% 3. House Doctor: 100% 4. Electrical Work 100% 5. Mechanical work 100% 6. Testing and Commissioning 100%	handed over on June 8 th , 2022, and has been utilized by beneficiaries
8	Pustu Telaga Wareng Pemenang	West Nusa Tenggara / Lombok Utara	Reconstruction of Main Building		1,095,567,741	64,445	Cumulative: 100% Progress per Work Item: 1. Work Preparation: 100% 2. Health Building: 100% 3. House Doctor: 100% 4. Electrical Work 100% 5. Mechanical work 100% 6. Testing and Commissioning 100%	handed over on June 8 th , 2022, and has been utilized by beneficiaries
9	Pustu Pendua Kayangan	West Nusa Tenggara / Lombok Utara	Reconstruction of Main Building		1,086,057,934	63,885	Cumulative: 100% Progress per Work Item: 1. Work Preparation: 100% 2. Health Building: 100% 3. House Doctor: 100% 4. Electrical Work 100% 5. Mechanical work 100% 6. Testing and Commissioning 100%	handed over on June 8 th , 2022, and has been utilized by beneficiaries

No	Sub Project	Locations	Description	Contractor	Subproject Cost (IDR) ⁴	Subproject Cost (EUR)	Progress Status of Construction work ⁵	Projection date for Handover
10	Pustu Selengen Kayangan	West Nusa Tenggara / Lombok Utara	Reconstruction of Main Building		1,088,609,853	64,035	Cumulative: 100% Progress per Work Item: 1. Work Preparation: 100% 2. Health Building: 100% 3. House Doctor: 100% 4. Electrical Work 100% 5. Mechanical work 100% 6. Testing and Commissioning 100%	handed over on June 8 th , 2022, and has been utilized by beneficiaries
11	Pustu Sesait Kayangan	West Nusa Tenggara / Lombok Utara	Reconstruction of Main Building		1,086,941,722	63,937	Cumulative: 100% Progress per Work Item: 1. Work Preparation: 100% 2. Health Building: 100% 3. House Doctor: 100% 4. Electrical Work 100 % 5. Mechanical work 100 % 6. Testing and Commissioning 100%	handed over on June 8 th , 2022, and has been utilized by beneficiaries
12	Pustu Loloan Bayan	West Nusa Tenggara / Lombok Utara	Reconstruction of Main Building		1,086,057,934	63,885	Cumulative: 100% Progress per Work Item: 1. Work Preparation: 100% 2. Health Building: 100% 3. House Doctor: 100% 4. Electrical Work 100% 5. Mechanical work 100% 6. Testing and Commissioning 100%	handed over on June 8 th , 2022, and has been utilized by beneficiaries
13	Puskesmas Labuhan Lombok	West Nusa Tenggara / Lombok Timur	Relocated, Reconstruction of Main Building		9,149,222,873	538,189	Cumulative: 100% Progress per Work Item: 1. Work Preparation: 100% 2. Structure Works: 100% 3. Architectural work 100% 4. Solid Waste Temporary Storage (TPS 3R): 100% 5. Electrical Works: 100% 6. Mechanical work 100% 7. Sewage Treatment plant 100% 8. Testing & Commissioning 100%	handed over on June 8 th , 2022, and has been utilized by beneficiaries
14	Pustu Gapuk	West Nusa Tenggara / Lombok Barat	Reconstruction of Main Building		989,695,739	58,217	Cumulative: 100% Progress per Work Item: 1. Work Preparation: 100% 2. Structural Work: 100 % 3. Architecture Work: 100 % 4. Electrical work 100 % 5. Mechanical Work 100 %	handed over on June 8 th , 2022, and has been utilized by beneficiaries

No	Sub Project	Locations	Description	Contractor	Subproject Cost (IDR) ⁴	Subproject Cost (EUR)	Progress Status of Construction work ⁵	Projection date for Handover
							6. Testing & commissioning: 100%	
Infrastructure Sector - Sanitation subsector								
15	Kawatuna Landfill	Central Sulawesi / Palu	Reconstruction of Leachate Treatment Plant, Rehabilitation of Leachate Collection System; Reshaping, capping & closure of cell-2; Construction of Cell-3; Landfill Gas Collection System; Road and Drainage; Perimeter Fence and Buffer Zone; Landfill Office; Mechanical Workshop; and Material Recovery Facility	PT Setia Mulia Abadi	24,020,566,000	1,889,375	Cumulative: 40.30 % (per 26 June 2022) Progress per Work Item 1. Preparation works: 88.712 % 2. Reconstruction of Leachate Treatment Plan (LTP): 20.857 % 3. Rehabilitation of Cell 2 Leachate Collection System: 32.028 % 4. Reshaping, Capping & Closure of Cell 2: 0 % 5. Design of Cell 3 + Leachate Collection System: 67.639 % 6. Landfill Gas Collection System: 48.603 % 7. Site Drainage: 0 % 8. Internal Access Road: 1.59 % 9. Perimeter Fence & Buffer Zone: 0 % 10. Operational Office: 23.531 % 11. Mechanical Workshop: 5.785 % 12. Security Post: 24.67 % 13. Material Recovery Facility: 20.926 % 14. Water Supply System 2000 L: 0 % 15. Electrical: 0 % 16. Power Adding Fees & PLN Electricity Installation + 33 KVA: 0 %	Q4 2021. reschedule to Q3 2022
16	Kabonga Landfill	Central Sulawesi / Donggala	Rehabilitation of Leachate collection system, Reshaping/capping of existing cell, - Construction of cell-2, Landfill Gas collection system; Road and Drainage; Perimeter Fence and Buffer Zone; Construction of Leachate Treatment Plant; and Material Recovery Facility	PT Setia Mulia Abadi	7,620,853,000	599,430	Cumulative: 40.69 % (per 26 June 2022) Progress per Work Item 1. Preparation works: 86.987 % 2. Rehabilitation Leachate Collection System: 58,927 % 3. Reshapping, Capping & Closure of Cell Existing: 39.623 % 4. Design of New Cell + Leachate Collection System + Landfill Gas Collection System: 56.811 % 5. Site Drainage: 5.734 %	Q4 2021. reschedule to Q3 2022

No	Sub Project	Locations	Description	Contractor	Subproject Cost (IDR) ⁴	Subproject Cost (EUR)	Progress Status of Construction work ⁵	Projection date for Handover
							6. Internal Access Road: 3.211 % 7. Perimeter Fence & Buffer Zone: 77.818 % 8. Material Recovery Facility: 33.733 % 9. Reconstruction of Leachate Treatment Plan: 20.118 % 10. Electrical: 0 % 11. Power Adding Fees & PLN Electricity Installation + 11 KVA: 0 %	
Social Sector – Education subsector								
17	SD Negeri 21 Palu	Central Sulawesi / Palu	Reconstruction of the whole six classrooms, One unit teachers' room/office, One unit Library, One Prayer room, and Two units of toilets.	PT. Istaka Karya (Persero)	3,429,555,000	202,167	Cumulative: 21.27 % (per 18 March 2022) Progress per Work Item 12. Preparation works: 92.82 % 13. Structural Works: 28.79 % 14. Architectural works: 0 % 17. MEP & Septic tank works: 14.28 %	Q4 2021; reschedule (TBD)
18	SD Negeri Pengawu	Central Sulawesi / Palu	Reconstruction of Ten classrooms, One unit Prayer room, and Three units of toilets.	PT. Istaka Karya (Persero)	4,583,726,000	270,203	Cumulative: 45.19 % (per 18 March 2022) Progress per Work Item 1. Preparation works: 95.70 % 2. Structural Works: 73.90 % 3. Architectural works: 8.06 % 4. MEP & Septic tank works: 14.42 %	Q4 2021; reschedule (TBD)
19	SMP Negeri 14 Palu	Central Sulawesi / Palu	Reconstruction of Twelve classrooms, One unit Extracurricular room (UKS), and Three units of toilets.	PT. Istaka Karya (Persero)	5,861,573,000	345,530	Cumulative: 20.70 % (per 18 March 2022) Progress per Work Item 1. Preparation works: 92.35 % 2. Structural Works: 26.25 % 3. Architectural works: 0 % 4. MEP & Septic tank works: 13.20 %	Q4 2021; reschedule (TBD)
20	SD Inpres Jono Oge	Central Sulawesi / Sigi	Reconstruction of twelve classrooms, One teacher's room / office, One Library, One Prayer room, Two units of teacher's house, Three units of toilets.	PT. Istaka Karya (Persero)	6,173,419,000	363,913	Cumulative: 18.97 % (per 18 March 2022) Progress per Work Item 1. Preparation works: 97.95 % 2. Structural Works: 29.53 % 3. Architectural works: 0 % 4. MEP & Septic tank works: 11.43 %	Q4 2021; reschedule (TBD)

No	Sub Project	Locations	Description	Contractor	Subproject Cost (IDR) ⁴	Subproject Cost (EUR)	Progress Status of Construction work ⁵	Projection date for Handover
21	SD Negeri Bulupontu Jaya	Central Sulawesi / Sigi	Reconstruction of three classrooms, One unit Teacher's room / office, One unit Library, One units of teacher's house, Two units of toilets	PT. Istaka Karya (Persero)	2,238,238,000	131,940	Cumulative: 36.82 % (per 18 March 2022) Progress per Work Item 1. Preparation works: 99.39 % 2. Structural Works: 73.17 % 3. Architectural works: 2.17 % 4. MEP & Septic tank works: 0.04 %	Q4 2021; reschedule (TBD)
22	SD Negeri Lompio	Central Sulawesi / Sigi	Reconstruction of six classrooms, One unit teacher's room / office, One unit library, One units of teacher's house, One units of toilets	PT. Istaka Karya (Persero)	2,790,866,000	164,517	Cumulative: 35.44 % (per 18 March 2022) Progress per Work Item 1. Preparation works: 94.28 % 2. Structural Works: 70.76 % 3. Architectural works: 0.74 % 4. MEP & Septic tank works: 7.83 %	Q4 2021; reschedule (TBD)
23	SD Negeri 1 Boladangko	Central Sulawesi / Sigi	Reconstruction of Six classrooms, One unit teacher's room / office, Library, One unit of teacher's house, One unit of toilets	PT. Istaka Karya (Persero)	2,448,055,000	144,309	Cumulative: 29.06 % (per 18 March 2022) Progress per Work Item 1. Preparation works: 92.13 % 2. Structural Works: 63.46 % 3. Architectural works: 0% 4. MEP & Septic tank works: 0%	Q4 2021; reschedule (TBD)
24	SD Negeri 2 Gimpu	Central Sulawesi / Sigi	Reconstruction of six classrooms, One Teacher's room / office, One unit Library, One unit of teacher's house, and One unit of toilets	PT. Istaka Karya (Persero)	2,957,733,000	174,353	Cumulative: 16.64 % (per 18 March 2022) Progress per Work Item 1. Preparation works: 91.16 % 2. Structural Works: 18.63 % 3. Architectural works: 0% 4. MEP & Septic tank works: 0%	Q4 2021; reschedule (TBD)
25	SMP Negeri 3 Sigi	Central Sulawesi / Sigi	Reconstruction of Twelve classrooms, One Library, One Science laboratory, Two units of toilets	PT. Istaka Karya (Persero)	5,223,193,000	307,899	Cumulative: 34.90 % (per 18 March 2022) Progress per Work Item 1. Preparation works: 93.93 % 2. Structural Works: 69.62 % 3. Architectural works: 1.42 % 4. MEP & Septic tank works: 0.23 %	Q4 2021; reschedule (TBD)
26	SMP Negeri 3 Sirenja	Central Sulawesi / Donggala	Reconstruction of six classrooms, One unit Teacher's room/office, One unit Library, One unit of toilet	PT. Ervan Prima Abadi	3,445,251,000	212,004	Cumulative: 98.11 % (per 27 June 2022) Progress per Work Item 1. Preparation works: 100 % 2. Structural Works: 100 % 3. Architectural works: 98.0949 % 4. MEP & Septic tank works: 90.7180 %	Q4 2021; reschedule to Q2 2022
27	SMP Negeri 1 Labuan	Central Sulawesi / Donggala	Reconstruction of three classrooms and One unit toilet	PT. Ervan Prima Abadi	1,620,431,000	99,713	Cumulative: 99.18 % (per 27 June 2022) Progress per Work Item 1. Preparation works: 100 %	Q4 2021; reschedule to Q2 2022

No	Sub Project	Locations	Description	Contractor	Subproject Cost (IDR) ⁴	Subproject Cost (EUR)	Progress Status of Construction work ⁵	Projection date for Handover
							2. Structural Works: 100 % 3. Architectural works: 99.3643 % 4. MEP & Septic tank works: 94.8478 %	
28	SMP Negeri Satap 3 Sindue Tobata	Central Sulawesi / Donggala	Reconstruction of Nine classrooms, One unit Teacher's room/office, One unit Science laboratory, Two units of toilets	PT. Ervan Prima Abadi	5,072,664,000	312,147	Cumulative: 99.26 % (per 27 June 2022) Progress per Work Item 1. Preparation works: 100 % 2. Structural Works: 100 % 3. Architectural works: 99.4990 % 4. MEP & Septic tank works: 94.7454 %	Q4 2021; reschedule to Q2 2022
29	SD Negeri 3 Kasimbar	Central Sulawesi / Parigi Moutong	Reconstruction of Six classrooms, One unit Teacher's room/office, and One unit of toilets	PT. Istaka Karya (Persero)	2,289,159,000	134,942	Cumulative: 29.97 % (per 18 March 2022) Progress per Work Item 1. Preparation works: 94.71 % 2. Structural Works: 51.49 % 3. Architectural works: 0% 4. MEP & Septic tank works: 0 %	Q4 2021; reschedule (TBD)
30	SD Inpres Marantale	Central Sulawesi / Parigi Moutong	Reconstruction of three classrooms, One unit Teacher's room/office, and One unit of toilets	PT. Istaka Karya (Persero)	1,512,530,000	89,161	Cumulative: 42.72 % (per 18 March 2022) Progress per Work Item 1. Preparation works: 92.82 % 2. Structural Works: 83.37 % 3. Architectural works: 5.24 % 4. MEP & Septic tank works: 0%	Q4 2021; reschedule (TBD)
31	SD Negeri Toboli	Central Sulawesi / Parigi Moutong	Reconstruction of three classrooms, One unit Teacher's room/office, and One unit of toilets	PT. Istaka Karya (Persero)	1,516,376,000	89,388	Cumulative: 38.31 % (per 18 March 2022) Progress per Work Item 1. Preparation works: 93.48 % 2. Structural Works: 74.65 % 3. Architectural works: 1.69 % 4. MEP & Septic tank works: 0 %	Q4 2021; reschedule (TBD)
32	SD Negeri Parigimpuu	Central Sulawesi / Parigi Moutong	Reconstruction of two classrooms, One unit of toilets	PT. Istaka Karya (Persero)	885,164,000	52,179	Cumulative: 41.63 % (per 18 March 2022) Progress per Work Item 1. Preparation works: 89.64 % 2. Structural Works: 69.59 % 3. Architectural works: 6.66 % 4. MEP & Septic tank works: 0 %	Q4 2021; reschedule (TBD)
33	SD Negeri Purwosari	Central Sulawesi / Parigi Moutong	Reconstruction of Seven classrooms, One unit Teacher's room/office, and Two units of toilets	PT. Istaka Karya (Persero)	3,175,804,000	187,208	Cumulative: 38.81 % (per 18 March 2022) Progress per Work Item 1. Preparation works: 86.44 % 2. Structural Works: 69.57 % 3. Architectural works: 5.47 % 4. MEP & Septic tank works: 0 %	Q4 2021; reschedule (TBD)

No	Sub Project	Locations	Description	Contractor	Subproject Cost (IDR) ⁴	Subproject Cost (EUR)	Progress Status of Construction work ⁵	Projection date for Handover
34	SMP Negeri 2 Satap Parigi Selatan	Central Sulawesi / Parigi Moutong	Reconstruction of 3 Classrooms, and One unit of toilets	PT. Istaka Karya (Persero)	1,366,994,000	80,582	Cumulative: 41.72 % (per 18 March 2022) Progress per Work Item 1. Preparation works: 93.76 % 2. Structural Works: 76.28 % 3. Architectural works: 5.62 % 4. Mechanical Plumbing works: 0 %	Q4 2021; reschedule (TBD)
35	SMP Negeri 1 Parigi Utara	Central Sulawesi / Parigi Moutong	Reconstruction of eight classrooms, One unit Library, One unit Science laboratory, and Two units of toilets	PT. Istaka Karya (Persero)	4,329,785,000	255,234	Cumulative: 30.00 % (per 18 March 2022) Progress per Work Item 1. Preparation works: 97.06 % 2. Structural Works: 48.46 % 3. Architectural works: 0.27 % 4. MEP & Septic tank works: 0 %	Q4 2021; reschedule (TBD)
36	SMK Negeri 8 Palu	Central Sulawesi / Palu	Reconstruction of twelve classrooms, One unit Teacher's room/office, One unit Prayer room, and One unit of toilet	PT. Istaka Karya (Persero)	5,605,541,000	330,437	Cumulative: 30.03 % (per 18 March 2022) Progress per Work Item 1. Preparation works: 94.85 % 2. Structural Works: 54.23 % 3. Architectural works: 0 % 4. Mechanical Plumbing works: 0 %	Q4 2021; reschedule (TBD)
37	SMK Negeri I Sigi	Central Sulawesi / Sigi	Reconstruction of twentyeight classrooms, The main Hall, Practice room, Mechanical workshop, Warehouse, Science laboratory, Library, Computer laboratory, Languages laboratory, Network laboratory, Prayer room, Six units of Toilets	PT. Istaka Karya (Persero)	19,315,818,000	1,138,635	Cumulative: 26.95 % (per 18 March 2022) Progress per Work Item 1. Preparation works: 92.93 % 2. Structural Works: 50.44 % 3. Architectural works: 0.72 % 4. Mechanical Plumbing works: 9.59 %	Q4 2021; reschedule (TBD)
38	SMKN 1 Pemenang	West Nusa Tenggara / Lombok Utara	Reconstruction of: - 2 classrooms - 2 Laboratory - 1 Library - 4 Student Practice Room - 1 Administration Office - 1 Prayer room - 1 TPS3R	PT. Ervan Prima Abadi JV with PT. Machara Konstruksitama and PT. Enera Teknika Utama	14,721,133,107	865,949	Cumulative: 100% Progress per Work Item: 1. Work Preparation: 100% 2. Administration Building: 100% 3. Classroom D: 100% 4. Classroom E: 100% 5. RPS Tata Boga Building: 100% 6. RPS Online Business Development: 100%	handed over on June 8 th 2022 and has been utilized by beneficiaries

No	Sub Project	Locations	Description	Contractor	Subproject Cost (IDR) ⁴	Subproject Cost (EUR)	Progress Status of Construction work ⁵	Projection date for Handover
							7. RPS Tourism: 100% 8. RPS Hospitality Building: 100% 9. Mosque Building: 100% 10. Laboratory Building: 100% 11. Library and Laboratory Building: 100% 12. Solid Waste Temporary Storage (TPS 3R): 100% 13. Electrical work 100% 14. Mechanical work 100%	
39	SMKN 1 Tanjung	West Nusa Tenggara / Lombok Utara	Reconstruction of: - 3 classrooms - 1 Headmaster office - 2 Laboratory - 5 Student Practice Room - 1 Library - 1 storage room - 1 TPS3R		17,966,265,579	1,056,839	Cumulative: 100% Progress per Work Item: 1. Work Preparation: 100% 2. Principal Building: 100% 3. Classroom A: 100% 4. Classroom B: 100% 5. Classroom D: 100% 6. RPS Tata Boga Building: 100% 7. RPS Business and Motorcycles Building: 100% 8. RPS Communication Design Building: 100% 9. RPS Solar and Wind Energy Building: 100% 10. RPS Hospitality Building: 100% 11. Laboratory Building: 100% 12. Library and Laboratory Building: 100% 13. Storage Building: 100% 14. Solid Waste Temporary Storage (TPS 3R): 100% 15. Electrical Work 100 % 16. Mechanical work 100%	handed over on June 8 th 2022 and has been utilized by beneficiaries
40	SMKN 1 Gangga	West Nusa Tenggara / Lombok Utara	Reconstruction of: - 1 classrooms - 1 Administration office - 3 Student Practice Room - 1 TPS3R		10,443,652,627	614,332	Cumulative: 100% Progress per Work Item: 1. Work Preparation: 100% 2. Administration Building: 100% 3. Classroom A: 100% 4. RPS Design Information and Modelling: 100% 5. RPS Power Plan Engineering: 100% 6. RPS Design Engineering and Business of Motorcycle: 100% 7. Solid Waste Temporary Storage (TPS 3R): 100% 8. Electrical Work 100% 9. Mechanical Work 100%	handed over on June 8 th 2022 and has been utilized by beneficiaries
41	SMKN 1 Kayangan	West Nusa Tenggara /	Reconstruction of: - 2 classrooms		7,668,629,857	451,095	Cumulative: 100% Progress per Work Item:	handed over on June 8 th

No	Sub Project	Locations	Description	Contractor	Subproject Cost (IDR) ⁴	Subproject Cost (EUR)	Progress Status of Construction work ⁵	Projection date for Handover
		Lombok Utara	- 1 Student Practice Room - 1 Laboratory - 1 Teacher Toilet - 1 Praying room - 1 TPS3R				1. Work Preparation: 100% 2. Classroom A: 100% 3. Classroom B: 100% 4. RPS Nautica Building: 100% 5. Laboratory Building: 100% 6. Mosque Building: 100% 7. Teacher Toilet: 100% 8. Solid Waste Temporary Storage (TPS 3R): 100% 9. Electrical Work 100% 10. Mechanical work 100%	2022 and has been utilized by beneficiaries

Low Value Grants⁶ to selected CSOs for Output 2 subprojects

No	Low Value Grant Agreement (LVGA) ID	Description	CSO	Agreement Value (IDR)*	Agreement Value (EUR)
1	002/X/2019/PETRA	Responsible for: the reconstruction of infrastructure and community based sustainable livelihood project model; Strengthening disaster risk reduction and recovery local initiatives; Capacity building and community empowerment for sustainable and resilient livelihood recovery; and reconstruction of Economic and Livelihood Village Infrastructure in Lombok Utara- West Nusa Tenggara province.	Perkumpulan Paluma Nusantara (Paluma)	2,024,750,000	119,102
2	001/X/UNDP/PETRA	Responsible for: the reconstruction of infrastructure and community based sustainable livelihood project model; Strengthening disaster risk reduction and recovery local initiatives; Capacity building and community empowerment for sustainable and resilient livelihood recovery; and reconstruction of Economic and Livelihood Village Infrastructure in Lombok Timur- West Nusa Tenggara province.	Wahana Visi Indonesia (WVI)	2,099,986,000	123,528

⁶ UNDP's Definition of Low Value Grants: LVG are cash awards – selected via programmatic decisions – to civil society and non-governmental partners to generate and solicit development solutions for which no repayment is typically required.

3	003/X/2019/PETRA	Responsible for: the reconstruction of infrastructure and community based sustainable livelihood project model; strengthening DRR and Recovery local initiatives; capacity building and community empowerment for sustainable and resilient livelihood recovery; and reconstruction of Economic and Livelihood Village Infrastructure in Tuva village of Sigi- Central Sulawesi province	Yayasan Kemanusiaan Muslim Indonesia (YKMI)	2,080,252,600	122,367
4	2021/001/CSO Perkumpulan Inovasi Komunitas	Responsible for: the reconstruction of irrigation canal infrastructure in Tuva village and Jono village and community based sustainable livelihood project model; strengthening DRR and Recovery local initiatives; capacity building and community empowerment for sustainable and resilient livelihood recovery; and reconstruction of Economic and Livelihood Village Infrastructure in Tuva village and Jono village of Sigi- Central Sulawesi province	Perkumpulan Inovasi Komunitas (IMUNITAS)	2,086,085,000	169,011
5	CW/2021/0000001578	Responsible for: the reconstruction of two public markets in Central Sulawesi which are Sibado Market in Donggala District, and Omu Market in Sigi District.	PT Insan Cita Karya	5,899,513,000	484,453

Subprojects Output 2 - Rehabilitation/ Reconstruction of community infrastructures supporting livelihood and economic recovery.

No	Sector	Sub Project	Location			Description	Implementin g Partner	Subproject Cost (IDR) ⁷	Subproject Cost (EUR)	Progress Status ⁸		Projection date for handover
			Province	District	Village					Design	Construction works	
1	Socio economic	Tuva Suspension Bridge	Central Sulawesi	Sigi	Tuva	1 unit of suspensions bridge, W=1.8 m; L=74 m; main access to 200 Ha farm fields of Tuva people.	Yayasan Kemanusiaan Muslim Indonesia (YKMI)	2,080,252,600	122,367	Completed	Completed	Q2 2021 (for village's utilization and maintenance conducted)
2	Socio economic	Tuva Irrigation canal	Central Sulawesi	Sigi	Tuva	100 meters of concrete canal for 5 ha farm fields	Perkumpulan Inovasi Komunitas (IMUNITAS)	694.500.000	42,736	Completed	Completed	Q2 2021 (for village's utilization and maintenance conducted)
3	Socio economic	Jono Irrigation Canal	Central Sulawesi	Sigi	Jono	Reconstruction of 250-meter concrete canal	Perkumpulan Inovasi Komunitas (IMUNITAS)	816.750.000	50,258	Completed	Completed	Q2 2021 (for village's utilization and maintenance conducted)
4	Socio economic	Omu Local Market	Central Sulawesi	Sigi	Omu	Reconstruction of 3-unit local market hall, approx. 550 sqm.	PT Insan Cita Karya	2,723,467,000	167,589	Completed	Completed	Q1 2021 (for village's utilization and maintenance conducted)
5	Socio economic	Sibado Local Market	Central Sulawesi	Donggala	Sibado	Reconstruction of 2-unit local market hall, approx. 415 sqm.	PT Insan Cita Karya	3,176,046,000	195,438	Completed	Completed	Q1 2022 (for village's utilization and maintenance conducted)
6	Socio economic	Waserda Genggelang local market	West Nusa Tenggara	Lombok Utara	Genggelang	Reconstruction of 1 block of community kiosks, approx. 148 sqm.	Paluma Nusantara	455,000,000	26,764	Completed	Completed	handed over on June 8 th 2022 and has been utilized by beneficiaries
7	Socio economic	Clean water distribution network's reinstallation Birsan Nangka	West Nusa Tenggara	Lombok Utara	Sambik Elen	Reinstallation of approx. 2000 m of clean water pipe	Paluma Nusantara	305,400,000	17,964	Completed	Completed	handed over on June 8 th 2022 and has been utilized by beneficiaries

⁷ Cost estimates produced by Engineers of both PETRA and its CSO Partners.

⁸ Status reflecting progress as per September 2021.

No	Sector	Sub Project	Location			Description	Implementing Partner	Subproject Cost (IDR) ⁷	Subproject Cost (EUR)	Progress Status ⁸		Projection date for handover
			Province	District	Village					Design	Construction works	
8	Socio economic	Irrigation canal Orong Sempade	West Nusa Tenggara	Lombok Timur	Sajang	Reconstruction of 150-meter stone masonry irrigation canal for 25 ha farm fields	Wahana Visi Indonesia (WVI)	110,378,000	6,492	Completed	Completed	handed over on June 8 th 2022 and has been utilized by beneficiaries
9	Socio economic	Irrigation canal Bawak Nao Daya	West Nusa Tenggara	Lombok Timur	Sajang	Reconstruction of 225-meter stone masonry irrigation canal for 28 Ha of farm fields	Wahana Visi Indonesia (WVI)	132,170,000	7,774	Completed	Completed	handed over on June 8 th 2022 and has been utilized by beneficiaries
10	Socio economic	Farmer's bridge Belunak	West Nusa Tenggara	Lombok Timur	Semalun Lawang	Reconstruction of 4 x 3 m concrete bridge	Wahana Visi Indonesia (WVI)	88,090,000	5,181	Completed	Completed	handed over on June 8 th 2022 and has been utilized by beneficiaries
11	Socio economic	Water retention basin and drainage Rante Mas	West Nusa Tenggara	Lombok Timur	Semalun Lawang	Rehabilitation of 8 x 12,5 m water retention and irrigation pipe 429 meter for 23 Ha of farm fields	Wahana Visi Indonesia (WVI)	133,320,000	7,842	Completed	Completed	handed over on June 8 th 2022 and has been utilized by beneficiaries
12	Socio economic	Water retention basin and drainage Nap-nap	West Nusa Tenggara	Lombok Timur	Semalun Bumbung	Rehabilitation of 11 x 11-meter water retention and irrigation pipe 300 meter for 30 Ha of farm fields	Wahana Visi Indonesia (WVI)	66,420,000	3,907	Completed	Completed	handed over on June 8 th 2022 and has been utilized by beneficiaries
13	Socio economic	Irrigation canal Dayan Ruruk Timuk	West Nusa Tenggara	Lombok Timur	Semalun Bumbung	Reconstruction of 810 meters pipe irrigation canal and concrete reservoir 7 units for 60 Ha farm fields	Wahana Visi Indonesia (WVI)	107,580,000	6,328	Completed	Completed	handed over on June 8 th 2022 and has been utilized by beneficiaries

Annex 3

STAFFING SCHEDULE

Period:

Position	Duty Station	Name	Start Date
Team Leader (SC11)	Menara Thamrin, Jakarta	Christian Usfinit	1 February 2019
Technical Analyst (SC10)	Menara Thamrin, Jakarta	Andrys Erawan	1 February 2019
Budget Management Associate (SC7)	Menara Thamrin, Jakarta	Deasy Ernawati	1 May 2019
Project Manager (SC11)	Palu	Budhi Ulaen	4 April 2019
Resident Engineer (SC11)	Palu	Faisal Ridwan	13 May 2019
Resident Engineer (SC10)	Mataram	Giovani	13 May 2019
Procurement Analyst (SC9)	Menara Thamrin, Jakarta	Sylvia Siska Indriani	1 July 2019
Procurement Associate (SC6)	Menara Thamrin, Jakarta	Galang Fitra Wijaya	1 August 2019
Field Coordinator – Lombok (SC9)	Mataram	Zaenudin	11 March 2019
Project Associate – Palu (SC6)	Palu	Indriyani	1 April 2019
Project Assistant – Lombok (SC5)	Mataram	Arif Budi Nugroho	1 March 2019
Communication, Reporting, and Evaluation Officer (SC9)	Palu	Olyvianus Marthen	1 March 2019
Community Mobilization Officer – Central Sulawesi (SC9)	Palu	Whisnu Yonar Anggono	29 April 2019
Community Mobilization Associate – Lombok (SC7)	Mataram	Dandi Rahman	1 July 2020
Driver – Lombok (SC1)	Mataram	Fian Harary	1 March 2019
Driver – Palu (SC1)	Palu	Samsi	1 July 2019

Annex 4

RISK ANALYSIS

Project Title: Sulawesi/Lombok Programme for Earthquake and Tsunami Infrastructure Reconstructive Assistance	Award ID: 00116311	Date: 30 June 2022
---	---------------------------	---------------------------

#	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 = 2 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 and Central Sulawesi subprojects and incorporated in construction tender document.</p>	Project Manager	Project Manager	30 / 06 / 2021	<p>No change</p> <p>Detail survey and investigation conducted by National Geological Agency and Design Consultants has resulted in clearer views of environmental risks related to waste generated by each subproject. Detail checklist and monitoring tasks are incorporated in Environmental and Social Management Plan for each subproject.</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, and decommissioning P = 2 I = 2	Environmental and Social Management Framework to identify and plan for potential 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. 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. Adopting GoI standard policy on COVID-19 Preventive Measures in Construction Works.	Project Manager	Project Manager	30 / 06 / 2021	No change COVID-19 pandemic may still likely affect the construction works, and health risks may prolong. However, PETRA and project partners are now fully aware of these risks and putting in place extra safety and health protocols for day-to-day coordination and subproject site activities.

#	Description	Date Identified	Type	Impact & Probability	Countermeasures / Management response	Owner	Submitted, updated by	Last Update	Status
					Continuous reminder to partners for COVID-19 Preventive Measures in Construction Works.				
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	31/ 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	18/ 12/ 2018	Operational	Poorly constructed infrastructure will place communities at risk Construction Tender process will yield in minimum participation of potential bidders P = 1 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.	Project Manager	Project Manager	31 / 03 / 2021	No change Re-strategizing tender process by optimizing the use of virtual communication technology platform has resulted in adequate participation of potential bidders, despite that it costs longer timeframe for completion certain milestones.

#	Description	Date Identified	Type	Impact & Probability	Countermeasures / Management response	Owner	Submitted, updated by	Last Update	Status
	social, environmental and safety standards.				Re-strategizing construction tender subprocess Adopting GoI standard policy on COVID-19 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	NGOs are not able to engage with the community, or do not have appropriate experience. Inability of implementing community-based work due to COVID-19 pandemic. P = 2 I = 2	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. Adopting GoI standard policies on COVID-19 Preventive Measures in Construction Works issued by MOPW, and similar COVID-19 preventive measures	Project Manager	Project Manager	30 / 06 / 2021	No change COVID-19 prevention protocol is in place and practiced by PETRA Project partners.

#	Description	Date Identified	Type	Impact & Probability	Countermeasures / Management response	Owner	Submitted, updated by	Last Update	Status
					policy in conducting Village-based Cash for Work issued by MoV by end of March 2020.				
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 = 1 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	31 / 03 / 2021	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. Current implementation progress shown positive response from target communities, which indicate good sense of ownership. Handover of completed subprojects in West Nusa Tenggara to village authorities and communities for utilization and maintenance shown positive result to date.
7	COVID-19 pandemic and consequently the social distancing may likely slow the project implementation progress.	16/03/2020	Operational	Health risk to project personnel, beneficiaries and other involved stakeholders P = 3 I = 3	Set up protocol for safety, especially activities that required physical contact. Optimizing utilization of online technology platform as media for	Project Manager	Project Manager	30 / 06 / 2021	Decreasing COVID-19 pandemic has already affected the construction works, and health risks may prolong. However, PETRA and project partners are now fully aware of these risks and putting in

#	Description	Date Identified	Type	Impact & Probability	Countermeasures / Management response	Owner	Submitted, updated by	Last Update	Status
					<p>coordination and communication.</p> <p>Revisiting workplan and target.</p> <p>Re-strategizing activities monitoring and supervision by optimizing the visual documentation.</p> <p>Implementation of construction activities by putting in practice the COVID-19 Prevention Measures in Construction Works.</p>				place extra safety and health protocols for day-to-day coordination and subproject site activities.
8	Natural hazards, i.e. heavy rain, strong winds, and flashfloods may likely impact on access and sites' condition, which consequently may slow the pace of activities implementation and financial implications	09/08/2020	Environmental	<p>Construction site damages; delayed completion of milestones.</p> <p>P = 3 I = 3</p>	<p>Closely monitor meteorological data and trends jointly with implementing partners and discussed relevant anticipative measures.</p> <p>Construct scenarios and possible project activities implementation approaches and strategies.</p> <p>Develop scenarios on securing work-in-progress construction sites</p>	Project Manager	Project Manager	30 / 06 / 2021	No change

#	Description	Date Identified	Type	Impact & Probability	Countermeasures / Management response	Owner	Submitted, updated by	Last Update	Status
9	General elections activities in the Project's target provinces and municipality/district may possibly put the project into an 'elite capture' situation.	31/07/2020	Political/ Reputational	PETRA Project is associated with any of incumbents who were actively involved in project planning. P = 1 I = 2	Maintain neutrality in communication and coordination, including individual interactions; regularly update key stakeholders on implementation progress through written materials that widely distributed.	Project Manager	Project Manager	30 / 06 / 2021	Completed General elections concluded in December 2020, and local politic situation relatively calm. Inauguration of new Governor and Vice Governor of Central Sulawesi took place in mid-June 2021
10	General elections may result in new leadership, which may also mean new structure of local government, and consequently may reduce or loosen the institutional memory towards the Project	31/07/2020	Political	Challenges in maintain commitment towards fulfillment of the 8 criteria agreed during identification and prioritization of Project's targets P = 1 I = 2	Maintain regular updates and coordination at technical/ operational level of respective Local Government Units. Maintain communications with key individuals within the LGUs who regarded as ones championing the project.	Project Manager	Project Manager	30 / 06 / 2021	Completed Inauguration of new leaderships in Central Sulawesi have already took place in Q2 2021. Changes in LGUs structures are settled.
11	Poor performance in work progress and issues in the national media on the closure of PT. Istaka Karya (Persero) as the Contractor for 19 subprojects in Central Sulawesi.	01/07/2021	Operational	Delays in work progress that will likely hamper the overall PETRA Project timeline. P = 3 I = 3	Intensive technical oversight, discussion between PETRA Project Team and Supervision Consultant Firm with PT. Istaka Karya's Project Management Team and Senior Management Team in Jakarta. PETRA Project Team instructed provision of an Action Plans from the	Project Manager	Project Manager	30 / 06 / 2022	Increasing PETRA Project Team had scale up the issue to both Programme and Operations units in UNDP CO Jakarta. Contractual measures are being taken into place.

#	Description	Date Identified	Type	Impact & Probability	Countermeasures / Management response	Owner	Submitted, updated by	Last Update	Status
					<p>Contractor for accelerating work progress.</p> <p>Issuance of technical warnings up to temporary suspension for some sites.</p> <p>Amicably termination of contract with PT Istaka Karya, followed by conducting joint measurement works for latest progress of construction works with Independent Consultant</p>				
12	<p>A fraction of local project stakeholders and community in Central Sulawesi perceived that UNDP is not capable in delivering reconstruction works.</p> <p>Construction progress in 19 locations stopped few times for few months; students are having learning activities in poor temporary structure, e.g. tarpaulin, as previous temporary learning facilities were already demolished when construction work began in Q2 2021.</p>	07/03/22	Strategic	<p>Decreased public confidence towards capacity of UNDP for post-disaster recovery, increased anxiety of public in surrounding target facilities specifically the direct beneficiaries.</p> <p>P = 4 I = 4</p>	<ol style="list-style-type: none"> 1. Managerial review and decision for providing proper temporary facilities for children to study. 2. Accelerating lead time and/or processes for continuation of construction work. 3. Plan, deliver, and regularly review communication strategy, including guiding messages tailored to each identified stakeholders. 	Senior Management Operations Team RRU Team Leader Project Manager Communication Team	Project Manager	30/06/22	<p>Ongoing</p> <p>UNDP through TRAC Fund provides temporary classrooms and light renovation for schools in need.</p>

#	Description	Date Identified	Type	Impact & Probability	Countermeasures / Management response	Owner	Submitted, updated by	Last Update	Status
					4. Inform Project Board and KfW on key follow up actions related to closure of contract with PT. Istaka Karya and completion of its outstanding construction work				
13	Minimum or absence of site security which implicated from contract termination of PT. Istaka Karya led to the losses of materials on-site and/or installed in construction sites in Vocational High School (SMKN) 1 Sigi due to theft.	01/06/22	Financial	It might lead to greater loss of financial cost in the project sites. Disharmony between UNDP and PT. Istaka Karya's local vendors leading to impedance and slow progress of the subproject, and potential disruption on sites during continuation of works. P= 3 L= 4	Situation has already been consulted with CO, and relevant local stakeholders, i.e. Head of Sigi District Education Office	Senior Management Operations Team RRU Team Leader Project Manager Communication Team	Project Manager	30/06/22	Ongoing Intensive coordination with village government and school principal for participatory security measures in the subproject sites.

Annex 5

MULTI YEAR WORK PLAN 2019 – 2021*

*Updated version incorporating projection of time extension required

COMPONENT/ ACTIVITY	TIME SCHEDULE																			
	2019				2020				2021				2022				2023			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	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	Extended, Completed																			
1.2. Complete a detailed annual investment plan for local recovery, in close consultation with relevant national and local authorities and local communities	Completed																			
1.3. Conduct tendering processes for (a) Civil works design and supervision (stage one) and (b) Construction (stage two) – using ‘Build Back’ Better principles	(a) Completed																			
					(b) In progress (Retendering/ 19 of 41 subprojects)															
1.4. Civil works/ Construction: Contract management and supervision					Work in Progress 8 of 41 subprojects; 14 out of 41 subprojects completed and handed over to GoI															
													Defects and Liability Period (as per completed subproject)							
1.5. Provision of equipment to accelerate the restoration and enhancement of critical public services, in close coordination with national and local authorities																				
									Partially completed, continue as required											
1.6. Provision of formal and on-the-job training to relevant sub-national authorities and community organizations																				
									Partially completed, continue as required											
Monitoring													Continuous							

COMPONENT/ ACTIVITY	TIME SCHEDULE																			
	2019				2020				2021				2022				2023			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
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																				
2.5. Design and piloting of a recycling and sorting facility, with the engagement of local authorities and communities																				
Monitoring																				
PROJECT MANAGEMENT																				
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																				

NOTE:

 Planned Timeline (projected in 2018)

 Updated Timeline

 Actual Progress

 Completed

 Needs for Time Extension

Annex 6
List of publication in April – June 2022

No.	Title	Location	Date	Type of Publication	Media	Link
1.	Kerja Sama Semakin Erat, Prestasi Meningkatkan	West Nusa Tenggara	11-June-2022	Web	Lombok post Jawa pos	https://lombokpost.jawapos.com/astra-honda/11/06/2022/kerja-sama-semakin-erat-prestasi-meningkat/
2.	Lombok Utara Terima 12 Bangunan Senilai Rp 79 Miliar, Lihat Apa Saja!	West Nusa Tenggara	9-June-2022	Web	NTBJPNN	https://ntb.jpnn.com/ntb-terkini/1165/lombok-utara-terima-12-bangunan-senilai-rp-79-miliar-lihat-apa-saja?page=2
3.	UNDP dan BNPB Serah Terima 22 Fasilitas Kepada Pemda NTB	West Nusa Tenggara	9-June-2022	Web	Pikiran rakyat	https://lomboktimur.pikiran-rakyat.com/ntb-raya/pr-2554693030/undp-dan-bnpb-serah-terima-22-fasilitas-kepada-pemda-ntb
4.	Bupati Sukiman Azmy Teken Berita Acara Serah Terima BASTO dari UNDP PETRA	West Nusa Tenggara	9-June-2022	Web	Post kota NTB	https://www.postkotantb.com/2022/06/bupati-sukiman-azmy-teken-berita-acara.html
5.	Sestama BNPB Serahterimakan Dokumen BAST PETRA-UNDP kepada Bupati Lombok Utara	West Nusa Tenggara	9-June-2022	Web	Utara post	https://utarapost.net/2022/06/09/sestama-bnpb-serahterimakan-dokumen-bast-petra-undp-kepada-bupati-lombok-utara/
6.	Bupati Lotim Terima Bantuan Dari UNDP PETTA NTB	West Nusa Tenggara	9-June-2022	Web	Suara	https://www.suara.com/partner/content/lombokita/2022/06/09/151254/bupati-lotim-terima-bantuan-dari-undp-petta-ntb
7.	Serah Terima Fasilitas Pendidikan, Kesehatan Dan Infrastruktur Masyarakat Proyek PETRA Di NTB	West Nusa Tenggara	9-June-2022	Web	Antara news	https://mataram.antaraneews.com/berita/198161/lombok-utara-menerima-dokumen-pembangunan-pascagempa-senilai-rp79-miliar
8.	Bupati Lotim Terima Bantuan Dari UNDP PETTA NTB	West Nusa Tenggara	9-June-2022	Web	Lombok kita	https://lombokita.com/bupati-lotim-terima-bantuan-dari-undp-petta-ntb/

No.	Title	Location	Date	Type of Publication	Media	Link
9.	Lombok Utara Terima 12 Bangunan Senilai Rp 79 Miliar, Lihat Apa Saja!	West Nusa Tenggara	9-June-2022	Web	Obligasi	https://obligasi.id/lombok-utara-terima-12-bangunan-senilai-rp-79-miliar-lihat-apa-saja-240971.html
10.	Lotim Dapat Bantuan Fasilitas Pendidikan, Kesehatan dan infrastruktur	West Nusa Tenggara	9-June-2022	Web	Suara konsumen Indonesia	https://www.swarakonsumenindonesia.com/lotim-dapat-bantuan-fasilitas-pendidikan-kesehatan-dan-infrastruktur/
11.	Bupati Lotim Hadiri Serah Terima Bantuan UNDP PETRA	West Nusa Tenggara	9-June-2022	Web	Miindonews	https://miindonews.co.id/berita/bupati-lotim-hadiri-serah-terima-bantuan-undp-petra/
12.	Bupati Lombok Utara terima Dokumen BAST PETRA-UNDP	West Nusa Tenggara	9-June-2022	Online newspaper	RRI	https://rri.co.id/mataram/daerah/1486161/bupati-lombok-utara-terima-dokumen-bast-petra-undp?utm_source=terbaru_widget&utm_medium=internal_link&utm_campaign=General%20Campaign
13.	Bupati Lotim Hadiri Penandatanganan BAST BASTO Bantuan Petra	West Nusa Tenggara	9-June-2022	Web	Nusrapost	https://www.nusrapost.com/2022/06/mataram-nusrapost.html
14.	Serah Terima Fasilitas Pendidikan, Kesehatan Dan Infrastruktur Masyarakat Proyek PETRA Di NTB	West Nusa Tenggara	8-June-2022	Web	Biro Umum NTB	https://biroumum.ntbprov.go.id/2022/06/08/serah-terima-fasilitas-pendidikan-kesehatan-dan-infrastruktur-masyarakat-proyek-petra-di-ntb/
15.	Bupati Lombok Utara terima Dokumen BAST PETRA-UNDP	West Nusa Tenggara	8-June-2022	Web	Setda Lombok Utara	https://setda.lombokutarakab.go.id/bupati-lombok-utara-terima-dokumen-bast-petra-undp/
16.	Bupati Sukiman Berjanji Bakal Pelihara dan Maksimalkan Bantuan dari UNDP PETRA	West Nusa Tenggara	8-June-2022	Web	Selaparang news	https://www.selaparangnews.com/2022/06/bupati-sukiman-berjanji-bakal-pelihara.html

No.	Title	Location	Date	Type of Publication	Media	Link
17.	Serah Terima Fasilitas Pendidikan, Kesehatan dan Infrastruktur Masyarakat Proyek UNDP PETRA di NTB	West Nusa Tenggara	8-June-2022	Web	BPBD NTB	https://bpbdtbprov.go.id/detailpost/serah-terima-fasilitas-pendidikan-kesehatan-dan-infrastruktur-masyarakat-proyek-undp-petra-di-ntb-rabu-08-juni-2022
18.	Habiskan 79 milyar 22 fasilitas umum pasca gempa di bangun kembali di NTB	West Nusa Tenggara	8-June-2022	Web	Kicknews	https://kicknews.today/regional/habiskan-rp79-miliar-22-fasilitas-umum-pasca-gempa-dibangun-kembali-di-ntb/
19.	Pemkab Lombok Timur Dapatkan Bantuan dari UNDP	West Nusa Tenggara	8-June-2022	Web	Lombok satu	https://lomboksatu.com/2022/06/08/pemkab-lombok-timur-dapatkan-bantuan-dari-undp/
20.	Rapat Persiapan Serah Terima Aset dari UNDP Ke BNPB dan dari BNPB Ke Pemprov NTB (Kabupaten Lombok Barat dan Kabupaten Lombok Timur)	West Nusa Tenggara	3-June-2022	Web	BPBD	https://bpbdtbprov.go.id/detailpost/rapat-persiapan-serah-terima-aset-dari-undp-ke-bnpb-dan-dari-bnpb-ke-pemprov-ntb-kabupaten-lombok-barat-dan-kabupaten-lombok-timur

Annex 7
QUARTERLY DISBURSEMENT 2022*
figures in EURO

Outputs	Activities	Fund Source	Budget (EURO)	Disbursement	Balance
				Q2 2022	
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	123,750.00	123,750.00	-
	1.2 Civil works: Design, Construction and Technical Supervision	KfW	16,753,340.00	17,162,372.86	(409,032.86)
	1.3 Equipment	KfW	1,986,660.00	195,772.24	1,790,887.76
	1.4 Capacity building, consultation and awareness raising	KfW	65,420.00	469.97	64,950.03
	Total		18,929,170.00	17,482,365.07	1,446,804.93
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	38,500.00	-
	2.2 Civil Works (Economic): Design, Construction and Supervision	KfW	752,349.00	681,609.73	70,739.27
	2.3 Small scale debris management (Ground preparation for land fill rehabilitation and local employment)	KfW	549,262.00	480,971.78	68,290.22
	2.4 Capacity Building, Consultation and Awareness Raising	KfW	50,387.00	29,750.26	20,636.74
	Total		1,390,498.40	1,230,831.77	159,666.23
Output 3: Other Direct Project Costs (Cross Cutting Output 1 and Output3)	3.1 Project Management Unit	KfW	1,871,923.00	1,437,471.06	434,451.94
	3.2 Programme Staff (Project Quality Assurance, Technical Guidance and Support oversight)	KfW	333,929.00	274,994.78	58,934.22

	3.3 Travel (for quality control/supervision; technical support; administrative support, oversight, etc) - Non-Consulting Personnel	KfW	101,491.00	72,309.80	29,181.20
	3.4 Other Operating Expenses	KfW	445,384.00	489,922.40	(44,538.40)
	3.5 Communications and Publications	KfW	26,753.00	29,428.30	(2,675.30)
	3.6 Evaluation and Audit	KfW	49,000.00	-	49,000.00
	Total		2,828,479.56	2,304,126.36	524,353.65
	GMS 8%		1,851,852.04	1,037,633.00	814,219.04
	Grand Total		25,000,000.00	22,054,956.19	2,945,043.85

*Accumulative figures from January 2019 to June 2022

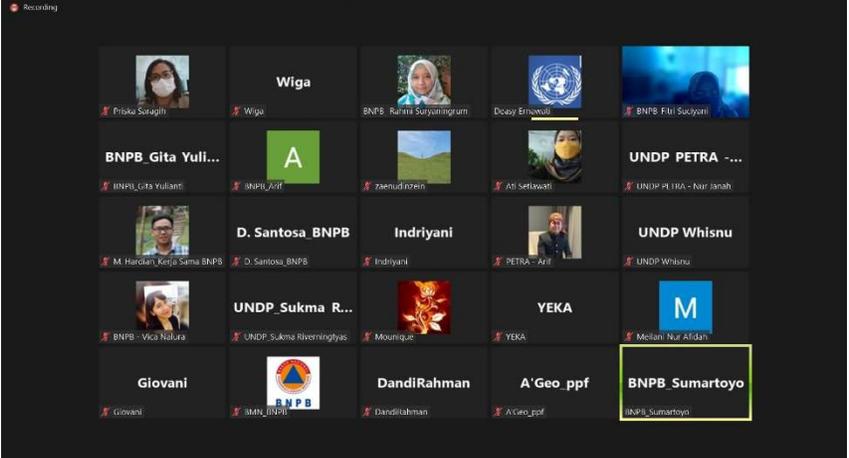
Annex 8
List of Photos of Implementation Progress Activity of PETRA project
in April – June 2022

No.	Sub-Project	Date	Picture
1.	<p>Health and School Facilities in West Nusa Tenggara</p> <p>Anis Alwaini (nurse) is checking the patient's health at Telaga Wareng auxiliary health center, North Lombok</p>	28-06-2022	
2.	<p>Health and School Facilities in West Nusa Tenggara</p> <p>Coordination meeting with the local government to promote GESI (Gender Equality Social Inclusion) in construction sector.</p>	27-06-2022	
3.	<p>Health and School Facilities in West Nusa Tenggara</p> <p>DP3A (Social Affairs, Women's Empowerment and Child Protection) agency of North Lombok provides certificates for women workers who have been involved in the reconstruction work of PETRA project in West Nusa Tenggara.</p>	27-06-2022	

No.	Sub-Project	Date	Picture
4.	<p>Community infrastructure in West Nusa Tenggara</p> <p>Discuss with the environment and forestry agency of North Lombok regard waste management in Genggelang and Sambik Elen village.</p>	24-06-2022	
5.	<p>Health and School Facilities in West Nusa Tenggara</p> <p>Auditor's site visit to PETRA project in West Nusa Tenggara.</p>	21-06-2022	 <p>21 Jun 2022 16:42:54 -8°19'14.8244"S 116°11'49.65412"E Kecamatan Gangga, Kabupaten Lombok Utara 83353 Indonesia Wiga-Undp</p>
6.	<p>Health and School Facilities in West Nusa Tenggara</p> <p>Discuss with SMKN 1 Pemenang teachers on waste management in schools.</p>	14-06-2022	
7.	<p>PETRA Project in Central Sulawesi and West Nusa Tenggara</p> <p>Project Board Meeting of PETRA project was attended by representative from BNPB, Bappenas, Ministry of Finance, UNDP country office and PETRA project team. The Project Board agreed to extend the project until mid-</p>	08-06-2022	

No.	Sub-Project	Date	Picture
	2024 with no cost extension.		
8.	<p>Health and School Facilities in West Nusa Tenggara</p> <p>Primary Secretary, Deputy Rehabilitation and Reconstruction and BNPB team, Director of Evaluation, Accounting, and Settlement of the Ministry of Finance, representative Bappenas, district government and PETRA team are visiting at Telaga Wareng auxiliary health center in North Lombok</p>	08-06-2022	
9.	<p>Health and School Facilities in West Nusa Tenggara</p> <p>Christian Usfinit, Team Leader RRU UNDP is reporting the achievements of PETRA project.</p>	08-06-2022	
10.	<p>Health and School Facilities in West Nusa Tenggara</p> <p>Monitoring of school facilities utilization by National Governments (BNPB, Bappenas and Ministry of Finance) in North Lombok.</p>	08-06-2022	

No.	Sub-Project	Date	Picture
			
11.	<p>22 Subprojects of Health, School Facilities and Community Infrastructures in West Nusa Tenggara</p> <p>A document Signing of hand over 22 subprojects of health, school facilities and community infrastructures in West Nusa Tenggara.</p>	07-06-2022	 
12.	<p>Health and School Facilities in West Nusa Tenggara</p> <p>Technical meeting with BNPB to prepare for BAST signing.</p>	07-06-2022	 <p>1 Jun 2022 20.46.48 8°34'56.022"S 116°6'27.018"E Jalan Pejanggik Kecamatan Selaparang, Kota Mataram 83126</p>

No.	Sub-Project	Date	Picture
13.	<p>Health and School Facilities in West Nusa Tenggara</p> <p>Coordination meeting with local government to prepare for BAST signing in Mataram City.</p>	03-06-2022	
14.	<p>Health and School Facilities in West Nusa Tenggara</p> <p>A Flag ceremony at SMKN 1 Pemenang, a school building that has been built by PETRA project.</p>	03-06-2022	
15.	<p>Health and School Facilities in West Nusa Tenggara</p> <p>Virtual consultation meeting with BNPB to finalize BAST documents.</p>		
16.	<p>Health and School Facilities in West Nusa Tenggara</p> <p>Dandi Rahman is presenting GESI mainstreaming of PETRA project at Indonesia House of Resilience (part of the communication strategy of the Indonesian government as the host of the 7th</p>	26-05-2022	

No.	Sub-Project	Date	Picture
	Global Platform for Disaster Risk Reduction).		
17.	<p>Health and School Facilities in West Nusa Tenggara</p> <p>Jarwansyah, Deputy Rehabilitation and Reconstruction of BNPB is presenting PETRA Project at the 5th World Reconstruction Conference (WRC) in Bali.</p>	24-05-2022	
18.	<p>Livelihood recovery in West Nusa Tenggara</p> <p>Women group ASCA (Accumulating Saving and Credit Association) Barokah is distributing saving money for Eid celebration needs, East Lombok.</p>	03-05-2022	
19.	<p>Community infrastructure in West Nusa Tenggara</p> <p>Belunak farmer bridge that has been built by PETRA is bridging to the farmlands in Sembalun Lawang village, East Lombok.</p>	28-04-2022	

No.	Sub-Project	Date	Picture
20.	<p>Health and School Facilities in West Nusa Tenggara</p> <p>Reparation work at Pustu Gapuk, West Lombok. As a follow-up of Joint monitoring and inspection with BNPB in March 2022.</p>	25-03-2022	
21.	<p>Health and School Facilities in West Nusa Tenggara</p> <p>Coordination meeting with contractor (PT. Ervan Prima Abadi JV) and supervision consultant (PT Arkonin Dacrea) to discuss defect liability period, final payment, ect though online platform (zoom).</p>	20-04-2022	

No.	Sub-Project	Date	Picture
22.	<p data-bbox="168 121 407 176">Hospital Package in Central Sulawesi</p> <p data-bbox="168 212 427 304">The progress at Murai and Pharmacy Building at Anutapura Hospital</p>	06-06-2022	 <p data-bbox="1170 667 1430 751">6 Juni 2022 15:11 -0°54'1"S 119°50'57"E RS Anutapura</p> <p data-bbox="1154 1297 1430 1381">6 Juni 2022 15:08 -0°53'60"S 119°50'57"E RS Anutapura</p>

No.	Sub-Project	Date	Picture
23.	<p>Hospital Package in Central Sulawesi</p> <p>The progress of Pinus/ Ebony Building and Maternity Building at Tora Belo Hospital</p>	06-06-2022	
24.	<p>School and Health Facilities in Central Sulawesi</p> <p>The progress of reconstruction work at SMPN Satap 3 Sindue Tobata in Donggala District</p>	29-06-2022	

No.	Sub-Project	Date	Picture
25.	<p>School and Health Facilities in Central Sulawesi</p> <p>The progress of reconstruction work at SMPN 3 Sirenja in Donggala District</p>	29-06-2022	
26.	<p>School and Health Facilities in Central Sulawesi</p> <p>The progress of reconstruction work at SMPN Labuan in Donggala District</p>	20-06-2022	

No.	Sub-Project	Date	Picture
27.	School and Health Facilities in Central Sulawesi The progress of reconstruction work at Puskesmas Malei in Donggala District	29-06-2022	

No.	Sub-Project	Date	Picture
28.	<p data-bbox="167 121 451 178">Two Landfills in Central Sulawesi</p> <p data-bbox="167 216 451 338">The progress of reconstruction work at Kawatuna Landfill in Palu City</p>	25-06-2022	

No.	Sub-Project	Date	Picture
29.	<p>Two Landfills in Central Sulawesi</p> <p>The progress of reconstruction work at Kabonga Landfill in Donggala District</p>	26-06-2022	
30.	<p>Tuva Suspension Bridge in Sigi, Central Sulawesi</p> <p>Completed in April 2021, Tuva Suspension Bridge has been used by communities to support livelihood.</p>	30-03-2022	

No.	Sub-Project	Date	Picture
31.	<p>Two Irrigation Canals in Sigi, Central Sulawesi</p> <p>The situation at Jono irrigation canal</p>	22-03-2022	
32.	<p>Two Markets in Sigi and Donggala, Central Sulawesi</p> <p>The progress of Omu local market in Sigi District</p>	30-06-2022	

**ANNEX 9. SUB-PROJECT COMPLETION REPORT
RECONSTRUCTION COMMUNITY INFRASTRUCTURES IN CENTRAL SULAWESI PROVINCE**

Sub-project	:	Reconstruction of Irigasi Tuva
Location	:	Tuva, Gumbasa, Sigi
Web-based map	:	https://www.google.com/maps/d/viewer?mid=1NJAHrwKf_36MGSSwk-fhbTp74jQ-YuHC&ll=-1.323699999999999934%2C119.96200000000005&z=14
Description	:	The irrigation canal is located in Tuva village, Gumbasa sub-district, Sigi district. Its location is quite isolated from main road Palu-Kulawi. The irrigation canal has been a pivotal infrastructure for the communities to watering their paddy field and plantation. The targeted length of irrigation to be reconstructed is 170 meters to watering 12.5-hectare land of 18 Farmer Households and provisioning water for domestic use of 29 HH.
Methodology	:	The reconstruction process of irrigation construction adopted participatory and technical approach to ensure quality of work. It applies community participation and stakeholder engagement, which included : ❶ UNDP-PETRA team identified targeted community infrastructure in accordance with eight supporting criteria of rehabilitation and reconstruction activities, among them the rehabilitation and reconstruction plan document, categorized as severely damaged infrastructure, clear and clean status, proposed by local government; ❷ The selected CSO implementing partner prepared a Detailed Engineering Design (DED) of targeted community infrastructure, in consultation with community and local government before being approved by PETRA; ❸ Regular monitoring of construction work conducted by Engineers and Project Associate of PETRA together with Civil Engineer of CSO partner, followed by joint inspection involving local government stakeholders at village and district level to ensure quality of work in accordance to DED; ❹. The CSO partner prepared and submitted technical report on the completion of construction work to PETRA including supporting documents of work completion before handed over to local government.
Beneficiaries	:	There were 150 workers gained short term economic benefit through CfW scheme. The reconstructed irrigation canal will also benefits 18 HH farmers (70 people) and 23 HH (67 people) that using water for domestic use.
Lesson learned	:	Some lessons learnt during the construction work of irrigation included ❶ participatory process of identification of community infrastructure through community discussion and consultation provided change and opportunity for community members to identify and analyze development needs; ❷ the adoption of Cash for Work (CfW) approach has provided basic income of targeted communities in the time of crisis due to natural disaster and covid-19 pandemic; ❸ community participation during the construction work increase the sense of community ownership of reconstructed infrastructure in terms of maintenance and management of the facilities; ❹ mainstreaming gender equality and inclusive approach in the construction work ensured the no one left behind principle in the development process; ❺ the engagement of local government stakeholders in all phase of construction work increased their commitment to maintain the facilities. For instance, the village administration of Tuva has established its water committee structure to manage the irrigation.
Link video baseline	:	-

**DOCUMENTATION OF RECONSTRUCTION WORK
IRRIGATION CANAL, TUVA, GUMBASA, SIGI DISTRICT**



1 Pre-construction



2 Project signboard on site



3 Construction work 25%



4 Construction progress 50%



5 Construction progress 75%



6 Completed Structure