

**LIST OF POTENTIAL PROJECTS FOR ASEAN-INDO-PACIFIC FORUM: IMPLEMENTATION OF THE ASEAN OUTLOOK ON THE INDO-PACIFIC**

**A. SUBTHEME I: GREEN INFRASTRUCTURE AND RESILIENT SUPPLY CHAIN**

No	Activity	Proponent States	Partner States	Project Description
1	Affordable Housing PPP Project, Dili	Timor Leste	Seeking Partner	The government of Timor Leste has prepared 20 ha of land in Hera, outside the capital, Dili, for its first Affordable Housing development. In addition to land, the TL Government will provide subsidies/VGF to support site infrastructure works and part of the construction costs.
2	Busuanga Airport Development Project in Coron Island, Palawan	The Philippines	Seeking Partner	Reorientation of the airstrip which will be located adjacent to the existing Busuanga Airport in Coron Island, Palawan to meet domestic and international standards for safety and operational efficiency.
3	Climate Resilient Rural Water Supply Improvement	Cambodia	Seeking Partner	This project will construct and rehabilitate communal rural water supply facilities including community ponds with treatment system, community/public and household rainwater harvesting system, household rainwater jars and increase access of safe water in the country in year-round.
4	Construction of a 200-kilometer Ring Road through Ho Chi Minh City and the provinces of Binh Duong, Dong Nai, Long An, and Ba Ria-Vung Tau.	Viet Nam	Seeking Partner	Ring Road No. 4 is 18 km in Ba Ria - Vung Tau Province, 45 km in Dong Nai Province, 71 km from Ben Luc City in Long An Province to Hiep Phuoc Port complex in Nha Be District in Ho Chi Minh City, 17 km in Ho Chi Minh City and 49 km in Binh Duong Province. The project is still open to interested potential investors.
5	Cross-Border Trade Road Connectivity Project in Cambodia	Cambodia	Seeking Partner	The project involves the construction and rehabilitation of roads, bridges, and other related infrastructure between Cambodia and its neighbouring countries such as Vietnam, Thailand, and Laos.
6	Development of expressway transportation infrastructure connections in Binh Duong and Binh Phuoc provinces.	Viet Nam	Seeking Partner	The 69-kilometer expressway project stretches from Binh Phuoc junction in Ho Chi Minh City to Chon Thanh District in Binh Phuoc Province. The project is still open to interested potential investors.
7	Fishing Port in Tanintharyi, Southern Myanmar	Myanmar	Seeking Partner	The objective is to set-up International Standard Fish Auction Market and Jetty with all other supporting facilities and R263 activities including proper fish loading, unloading, landing, handling, sorting,

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				auCTION, chilling, storage, processing, marketing, distribution, exporting and related port logistic services.
8	General Santos City Airport Development Project Update completed in 2014	The Philippines	Seeking Partner	The proposed Project/Study includes conducting a Study to update the General Santos City Aerotropolis Development Study, November 2014 in the preparation of a comprehensive airport master plan.
9	Inclusive Sanitation Facility Development for ASEAN Regional Integration (ISAF-DARI)	Cambodia	Seeking Partner	The scope of the project is focusing on 1) building the inclusive sanitation and hygiene public facilities; and 2) building household sanitation facility in surrounding communities.
10	Ladang Air Manis AgriTech Hub Project	Malaysia	Seeking Partner	2940 acres of land that requires cooperation for the development of an Agriculture tech Park and Hub complex containing R&D facilities, organic product businesses, food processing, refrigeration facilities, distribution hubs, manufacturing facilities, conservation, and public attraction.
11	New Zamboanga International Airport	The Philippines	Seeking Partner	The construction of a new international standard airport to replace the existing one that will serve the increased air traffic in the Zamboanga Peninsula to support, promote, and sustain Zamboanga City's role as an International Gateway and for BIMP-EAGA connectivity.
12	Road infrastructure development in 4 coastal provinces of Cambodia	Cambodia	Seeking Partner	The project "Road Infrastructures along Cambodia's Beach," There are roads, bridges, dams, banks, sewage system and its other infrastructures. The project is going to locate in 4 provinces in Cambodia's coastal area. The project can start from 2024.
13	Sanga-Sanga Airport Development Project (Tawi-Tawi) located in Bongao	The Philippines	Seeking Partner	Sanga - Sanga Airport (Tawi-Tawi) will prioritize the safety, security, and efficiency of aircraft operations in accordance with CAAP MOSA and ICAO standards.
14	Southern Palawan Airport Development Project (Brooke's Point) in Palawan	The Philippines	Seeking Partner	Brooke's Point Airport (South Palawan) will support the safe and convenient transportation of tourists to the city which has considerable potential to become one of the major tourist destinations in Palawan.
15	Development Of Irrigation Farms, Irrigation Reservoirs And Related Infrastructure.	Brunei Darussalam	Seeking Partner	The development of a satellite farm owned and managed by Brunei in Timor Leste with the priority of exporting to only Brunei to ensure Brunei's rice needs are met. Timor Leste authorities have already expressed they will support an allocation of land with size up to 40 to 60 thousand hectares, subject to the results of the feasibility study.

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16	Bogor Tramway (Tram Pakuan) Development	Indonesia	France	Collaboration between Bogor Government (West Java, Indonesia), and AFD for Pakuan Tramway project.
17	Building a factory to produce medical devices in Indonesia with export prospects to Southeast Asia.	Indonesia	Russian Federation	Plans to build a factory to produce high-tech medical equipment such as x-rays, CT scans, etc. Potential location of factory establishment: Sanur SEZ.
18	Ca Mau Project	Viet Nam	France	Increase the resilience of Ca Mau province to natural disasters and climate change, and contribute to the sustainable economic development of the province. Loans associated with EU grants.
19	Cebu-Mactan Bridge (4th Bridge) and Coastal Road Construction Project	The Philippines	Japan	The objective of the project is to respond to increasing traffic demand in Metro Cebu by constructing a long-span road bridge between Cebu and Mactan Island and the connecting coastal road.
20	Construction of Cattle Farm and Milk Processing Plant	Indonesia	Qatar	MoU between PT Perkebunan Nusantara III, PT Berdikari and Baladna Food Industries W.L.L. on the Development of Animal Husbandry Cooperation for the development of dairy farms and milk processing plants, is planned to be developed in Subang, West Java.
21	Construction of Karian Multipurpose Dam Project	Indonesia	Republic of Korea	Construction work on the dam has entered 90.22% and is scheduled for impounding in September 2023.
22	Davao-Samal Bridge	The Philippines	People's Republic of China	The bridge, which is 3.98 kilometres long, will be constructed within five years and is set to be completed and operational in 2027. The construction of the bridge will be funded through a loan agreement.
23	Development (upgrade) of Eco-Fishing Ports in 4 Indonesian cities (Bitung, Kendari, Cilacap, Belawan)	Indonesia	France	Pemri and AFD have signed a Credit Facility Agreement for financing the eco-fishing ports project in December 2022, implementation of the RI-France Maritime Dialogue cooperation.
24	Development of the Dangkabet Dam in Cambodia	Cambodia	People's Republic of China	The building of the Dangkabet Dam in Cambodia to increase community resilience through clean water supply.
25	Double track construction & electrification of Surabaya commuter train	Indonesia	European Union	MoU has been signed in 2021, will soon enter the bluebook of GII which consists of several K/L. Most likely to run in 2025 as it is currently in the pre-FS stage. The project has been included as a flagship project of DG INTPA of the European Commission.
26	Excelsior Nickel Cobalt Project, Indonesia Morowali Industrial Park, Central Sulawesi, Indonesia	Indonesia	Australia	Development of a nickel sulphate and electrolytic nickel plant using High Pressure Acid Leach (HPAL) process. NIC Board to make Final Investment Decision (FID) decision before the end of the year. Nickel

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				Industries Shareholder approval being sought investment in Nickel Industries by PT Danusa Tambang Nusantara, subsidiary of United Tractors.
27	Facility for supporting agricultural supply chain and Food security Enhancement (SAFE)	ASEAN Member States	Japan	JICA launched a debt facility SAFE (Facility for Supporting Agricultural supply chain and Food security Enhancement) up to USD 1 billion to enhance food security. JICA's direct lending to agribusiness companies or via financial institutions, in collaboration with partner financial institutions such as MDBs, DFIs and G7 private banks.
28	Greenfield Airport Development, Kaltara	Indonesia	Canada	Governor of North Kalimantan, Whitesky Aviation, and CCC have signed an MoU regarding the airport development project in North Kalimantan. As of July 14, 2023, CCC has submitted a Technical Assistance Partnership Expert Deployment Mechanism (TAP-EDM) proposal to the GAC.
29	Hydro Power Plant Development	Myanmar	Indonesia	MaxPower plant will be upgraded to add 50 megawatts capacity (hydro power). The next 5 months will concretize the development of the <50 MW plant.
30	Industrial zone with green hydrogen/ammonia and nuclear production via CMSR Power Barge in Ca Na Vietnam	Viet Nam	Denmark	The focus of the preliminary project assessment is to evaluate the geographical and economic conditions and future energy requirements for the implementation of the CMSR 800 MWe Power Barge.
31	Installation of solar charged e-vehicle system in Indonesia (Jakarta, Indonesia)	Indonesia	Republic of Korea	ODA project to supply e-cars, e-scooters and charging stations, and expert training on e-vehicles to Indonesia with the purpose of industry revitalization and reduction of greenhouse gas emissions.
32	Jakarta MRT Project Phase 4 Extend	Indonesia	Republic of Korea	Construction of MRT Phase 4 Project from Fatmawati, Kampung Rambutan, to Taman Mini along 11 km, 10 full underground stations and 1 vehicle depot.
33	Joint Study Agreement to Develop Carbon Cycle Technology	Indonesia	Japan	Joint Study Agreement between Chiyoda Corporation - PT Pertamina (Persero) related to the development of decarbonization technology and carbon recycling technology at Pertamina's refinery that can produce value-added chemical products.
34	Joint Venture National Thermal Power Corporation Limited (NTPC) and Perusahaan Listrik Negara (PLN)	Indonesia	India	This project supports the target of providing electricity sourced from EBT of 3 GW which is the largest in the Sumatra region. MoU is still on process.

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35	Just Energy Transition Partnership	Indonesia	European Union	The JETP project focuses on achieving the 2025 net zero target in energy, accelerating the utilization of renewable energy in min. 34% of power generation by 2030, and limiting electricity emissions to 290 megatons of CO2 by 2030.
36	Mekong Water Solutions	Cambodia	Australia	Mekong Water Solutions (MWS) is supporting the Royal Government of Cambodia to develop the project preparation documentation for the World Bank Cambodia Water Security Improvement Project (CWSIP).
37	Metro Manila Subway Project (Phase 1)	The Philippines	Japan	The objective of the Project is to accommodate increasing transportation demand of Mega Manila, as well as to alleviate serious traffic congestion in Metro Manila by constructing an urban railway line including a subway section.
38	MOU for feedstock supply for decarbonizing Indonesia gas grid	Indonesia	Japan	PGN, JGC HD, Osaka Gas, INPEX, PTPN, explore cooperation in the realization of biomethane fuel supply via gas grids that utilize biomass. FS results submitted by the end of 2023 and there will be finalization of the cooperation scheme with Dai-Gas.
39	Ninh Thuan Project	Viet Nam	France	Ninh Thuan province infrastructure adaptation and resilience project. Loan approval on December 7, 2023.
40	Paranaque Spillway Construction Project	The Philippines	Japan	Mitigating inundation damage at the Laguna de Bay lakeshore area by the construction of the Paranaque Spillway in Metro Manila, thereby contributing to the stabilization of livelihood and production basis of the said region and Metro Manila, and to early post-disaster recovery.
41	Pasig-Marikina River Channel Improvement Project (Phase 4) (Package 2 & 3)	Filipina	Japan	Mitigating flood damage in Metro Manila caused by channel overflow of the Pasig-Marikina River by implementing river channel improvement works.
42	Pertamina Geothermal Energy	Indonesia	People's Republic of China	The project company, which is owned by Indonesian oil group Pertamina, generates 1.9 Gigawatts of electricity annually, accounting for 80 percent of Indonesia's total geothermal energy generation nationwide.
43	Processing of fatty acids and fatty alcohols from palm oil	Indonesia	Russian Federation	NORCHEM is looking for a sustainable palm kernel oil provider, with a requirement of up to 100 thousand tons per year.
44	Public Private Partnership for the Development of Early Warning Systems in the Asia Pacific Region	Viet Nam	Japan	At COP27, the Government of Japan launched the Loss and Damage assistance package and announced the initiative to promote the introduction of Early Warning system in the Asia Pacific Region.

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45	Railway signalling technology	The Philippines	Indonesia	Railroad signalling on 2 segments, proposal is submitted by PT LEN and still under PNR review
46	Railway Vocational and Technical Training Institute	Lao PDR	People's Republic of China	Build the training center, provide equipment, training teachers and staff, develop courses and textbooks, long-term technical support etc.
47	Result Based Lending Accelerating Indonesia Clean Energy Transition	Indonesia	France, Germany, ADB	Assist PLN in achieving large-scale energy transition and ensuring system reliability. The outcome of the program is to provide cleaner electricity and contribute to environmental and population health benefits. Board approval by Q4 2023:
48	Road Construction in Cambodia Countryside Phase II	Cambodia	People's Republic of China	Build 6 roads and a bridge in four different provinces
49	Sabang Port Development	Indonesia	India	The results of the feasibility study are being studied by BPKS Sabang and the Aceh Government to make recommendations to the Central Government.
50	Serang-Panimbang Toll Road Development Project Section 3	Indonesia	People's Republic of China	Construction of the Serang-Panimbang Toll Road to improve logistical connectivity in Indonesia
51	Son La Project	Viet Nam	France	Support Son La city to prevent flood risks more effectively from the La River overflow and contribute to the city's adaptation to climate change. Loan approval in November 2023.
52	Study and design of facilities that can produce green ammonia of 1 million tons per year	Indonesia	Denmark	The facility will be targeted to open in 2030 with an operating period of 50 years. The feasibility study will be completed in November 2023.
53	Support for Smart Urban Areas (SUA) in Hanoi	Viet Nam	Germany	German Ministry of Environment and BMUV, will contribute to the Smart Urban Areas (SUA) development project in Hanoi, together with local partners Vingroup and Wilo.
54	Technological development of zero-emission ships	AMS	Japan	Using the Green Innovation Fund to support the development of core technologies such as engines and fuel supply system for zero emission ships fuelled by ammonia and hydrogen.
55	The IKN Solar PV Farm Project	Indonesia	People's Republic of China	This project is under the Nusantara Power, which is a subsidiary of Indonesia state electricity company PLN. It is a 10MW Solar PV farm project, to provide renewable energy to the New Capital City of Indonesia in Kalimantan.
56	The New Advanced Metering Infrastructure	Indonesia	People's Republic of China	This project is under Indonesia state electricity company PLN, which includes 5 million smart meters rolling-out across

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				Indonesia. It innovatively combines with the Fiber-To-The-Home (FTTH) project which is also under PLN to share the network resources and reduce the comprehensive cost.
57	Trilateral Highway India-Myanmar-Thailand	Myanmar, Thailand	India	Construction of 1360 Km Road from Northeast India to Myanmar and Thailand
58	Upgrade and Renovation of Industrial Training Center in Mandalay, Myanmar	Myanmar	People's Republic of China	Build a new plant, provide equipment, develop textbooks, training personnel, etc.
Total Projects				58 Projects
Total Value				USD 15.179.813.196

## B. SUBTHEME II: SUSTAINABLE AND INNOVATIVE FINANCING

No	Activity	Proponent States	Partner States	Project Description
1	China - ASEAN Investment Cooperation Fund II	ASEAN Member States	People's Republic of China	China - ASEAN Investment Cooperation Fund II was founded by The Export-Import Bank of China. The total commitment of the fund is 3 billion USD and the first closing commitment is 1.01 billion USD
2	China-ASEAN Common Development Special Loan	ASEAN Member States	People's Republic of China	Project investment under the guideline of China-ASEAN Common Development Special Loan. The total size of the fund is 15 billion USD.
3	Construction of an Immersed Tunnel in Indonesia's Nusantara Capital City access toll road	Indonesia	Republic of Korea	The project is for conducting F/S Construction of eco-friendly Immersed Tunnel in Indonesia's Nusantara Capital City Access Toll Road with EDCF Grant support. The objectives is enhancing the socio-economic development of Indonesia's Nusantara Capital City with better connectivity to Balikpapan Airport
4	Digital Bank Cooperation	Indonesia	People's Republic of China	By the end of 2022, WeLab's plan for the acquisition of Bank Jasa Jakarta has been approved by OJK. The Launch of the digital bank is scheduled for the end of 2023.
5	Facility for Climate actions in the countries vulnerable to climate change (ACCESS)	ASEAN Member States	Japan	JICA launched a debt facility ACCESS (Facility for Accelerating Climate Change Resilient and Sustainable Society) up to USD 1.5 billion to finance infrastructure projects and companies accelerating climate actions for both adaptation and mitigation in the countries vulnerable to climate change including the Pacific region.
6	Facility for improving financial access of	ASEAN Member States	Japan	JICA launched a debt facility FAFI (Facility for Accelerating Financial Inclusion) up to

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	vulnerable people including women and youth (FAFI)			USD 1 billion to finance to local banks providing financial services to Micro, Small and Medium sized Enterprises (MSMEs), low-income class and women.
7	Funding facilities for PLN from Australia	Indonesia	Australia	Announced at the Australia-Indonesia Annual Leaders' Meeting, July 2023, Export Finance Australia, and PT Perusahaan Listrik Negara (PLN) intend to establish a US\$200 million capital financing facility to support Indonesia's energy transition.
Total Projects				7 Projects
Total Value				USD 2.582.627.800

### C. SUBTHEME III: INCLUSIVE DIGITAL TRANSFORMATION

No	Activity	Proponent States	Partner States	Project Description
1	Cross-Border Data Exchange	Kamboja	Need Partners	The Cambodia Data Exchange expansion, a replica of Estonia Xroad, to enable data exchange between the government and the private sector.
2	Developing a world class data centre that prioritises ASEAN	Brunei Darussalam	Need Partners	Propose the development of a Tier 4 Green R278 Data Centre, that is sustainable and utilises energy efficient technologies to minimise its environmental impact to be built on the island of Borneo, specifically in either Brunei or Kalimantan, Indonesia.
3	Digital Content & Creative Technologies	Malaysia	Need Partners	The project is PPP-based but internal within Malaysia, still in the FS stage and planned to be completed by Q3 2023.
4	Feasibility Study and Stakeholder Analysis - 5G Testbed	Thailand	Need Partners	This project aims to promote collaboration among various stakeholders, including government institutions, universities, telecommunication companies, vendors, SI, and players from vertical sectors with high potential for 5G technology implementation.
5	National E-Invoicing Initiative	Kamboja	Need Partners	E-Invoice Modernization for Government and Private Sector
6	Paperless Trade Initiative Nation-wide	Kamboja	Need Partners	Modernization of the National Single Window and integrated it with the ASEAN Single Window
7	Verification and Authentication Platform Nation-wide	Kamboja	Need Partners	Verification and Authentication project aims to enable private sectors especially those in banking and insurance industry and non-bank industry to verify their customers with government stored data securely and effectively. This project includes the upgrading of the current e-KYC platform and development of e-KYB enabling platform with possible cross-border collaboration with countries in the region.



No	Activity	Proponent States	Partner States	Project Description
8	ASEAN-ROK Digital Transformation and Innovation Flagship (KADIF) project	ASEAN	ROK	Establishment of a digital transformation infrastructure including high-performance computing and joint data acquisition
Total Projects				8 Projects
Total Value				USD 40.000.000