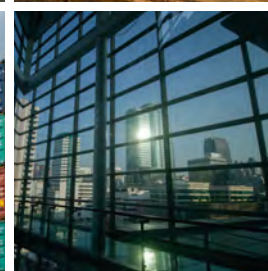
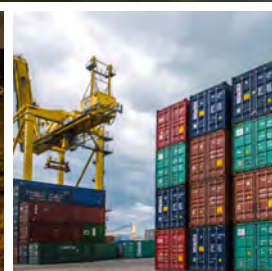
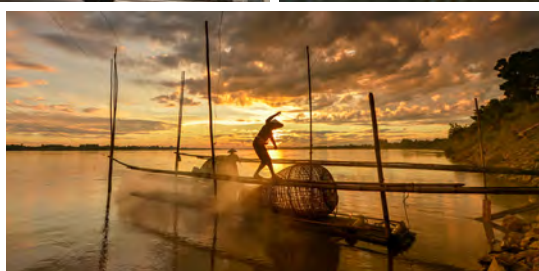
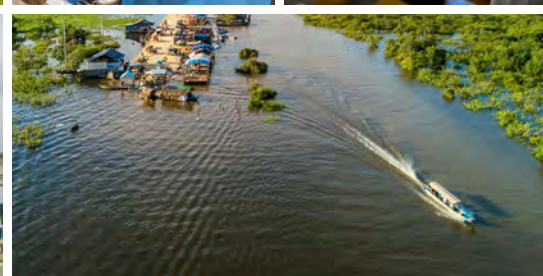
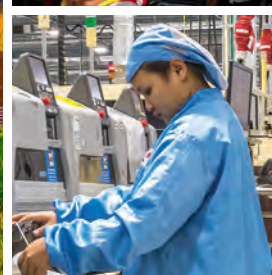




Greater Mekong Subregion
Economic Cooperation Program

Regional Investment Framework 2022: Third Progress Report and Update

November 2020



24TH GMS MINISTERIAL CONFERENCE, 2020





Greater Mekong Subregion
Economic Cooperation Program

Regional Investment Framework 2022:

Third Progress Report and Update

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Introduction and Overview of the Regional Investment Framework 2022

The Regional Investment Framework 2022 (RIF 2022) is the medium-term pipeline of priority projects in the Greater Mekong Subregion (GMS) and operationalizes the strategic thrusts and priorities of the GMS Program under the GMS Strategic Framework 2012–2022 and the Hanoi Action Plan 2018–2022. RIF 2022 was endorsed at the 22nd Ministerial Conference in Ha Noi, Viet Nam on 20 September 2017 and adopted during the 6th GMS Summit of Leaders on 31 March 2018 in Ha Noi. The RIF 2022 is to be used (i) as an instrument for greater alignment between regional and national planning and programming for GMS projects, and (ii) as a marketing tool to galvanize new financing for projects.

The RIF 2022 includes projects in the various sectors of GMS cooperation: transport, energy, agriculture, environment, health and other human resource development, urban development, tourism, transport and trade facilitation, information and communication technology (ICT), and other multisector or border economic zones. The pipeline includes projects funded by the Asian Development Bank (ADB) in the GMS, but also represents projects being funded by national governments, other multilateral and bilateral development partners, and projects being developed by the private sector.

The GMS leaders directed officials of the GMS Program to ensure that the RIF is monitored and updated regularly. Following this directive, the RIF 2022 has been updated annually starting in 2018, with these progress reports endorsed by the GMS ministers. This RIF 2022: Third Progress Report and Update reflects updates and changes from November 2019 to October 2020 and is presented to the GMS ministers for endorsement at the 24th GMS Ministerial Conference and will be the final update to the RIF 2022.

Projects in the RIF 2022 continue to be generated through extensive consultations with GMS sector working groups, forums, and the GMS national coordinators and secretariats in each country. Thus, the RIF 2022 pipeline is presented by sector, noting the country coverage and estimated cost of financing for the whole project. Some projects have multiple country coverage, while some have other sector linkages. In the regular RIF business process, the following takes place: (i) the GMS Secretariat coordinates the generation of the RIF progress report as an annual report; (ii) GMS national coordinators play a critical role in coordinating with line ministries to gather project updates and to validate the proposed investment pipelines; (iii) ADB sector focal persons facilitate the discussions for the generation of new project proposals and project updates at the GMS annual



or biannual sector working group meetings; (iv) projects in sectors without a designated working group are overseen by the GMS national coordinators; (v) GMS ministers endorse the annual updates to the RIF 2022; (vi) the GMS Secretariat disseminates the RIF 2022 updates and progress reports as reference for development and budget planning and for identifying financing with development partners.

In 2020, due to travel restrictions arising from the coronavirus disease (COVID-19) pandemic, sector working group meetings and forums were convened as virtual meetings. Consultations were conducted as standalone virtual meetings and through additional bilateral communications

between sector working groups, focals, and GMS national coordinators and secretariats. The virtual RIF consultations allowed direct dialogue on the projects between ADB sector focal persons, the GMS sector officials, and the GMS Secretariat. As a result of these discussions, several projects were recommended for dropping from the RIF pipeline, as these projects had not shown any indication of progress or likelihood of implementation in the near-medium term. These projects are shown in Appendix 1. A summary table of the RIF projects is included as Appendix 2. Full project details are published separately in the Annex to the Regional Investment Framework 2022: Third Progress Report and Update.



Regional Investment Framework 2022 Update 2020

The RIF 2022 Third Progress Report and Update revision brings the RIF 2022 to a new total of 125 investment projects and 85 technical assistance projects requiring a total of \$78.3 billion in financing. Of the financing required, \$55.6 billion has been identified, and 121 of the projects are either completed or ongoing. Forty-seven projects were dropped as their implementation was unlikely to commence in the near-medium term of RIF 2022 (see Appendix I). This reflects the project updates as of October 2020.

The transport sector projects comprise the largest sector by number of projects and by expected investment volume in the RIF 2022. More than half of the dropped projects were projects in the transport sector that had not progressed. Aside from the transport sector, other sectors with significant investments are energy, agriculture, other multisector/BEZs, and tourism. The updated RIF 2022 composition is in Table 1.

The COVID-19 pandemic delayed project implementation in some areas due to travel restrictions, but overall project implementation moved ahead, with 6 projects with financing of \$267.3 million reaching completion in the 2019–2020 reporting period. Some ongoing projects, such as the *GMS Regional Health Security Project* in Cambodia, Lao People’s Democratic Republic (Lao PDR), Myanmar, and Viet Nam, and the *Strengthening Regional Health Cooperation in the Greater Mekong Subregion* technical assistance both provided ready platforms to quickly mobilize ongoing project funds to support the COVID-19 pandemic response.



Table 1. Summary of Regional Investment Framework 2022 Third Update (2020), Breakdown by Sector

Sector	Investment		Technical Assistance		Total	
	Number of Project	Cost Estimate (\$ Million)	Number of Project	Cost Estimate (\$ Million)	Number of Project	Cost Estimate (\$ Million)
1 Transport	69	66,122.9	10	8.9	79	66,131.8
Cambodia	5	2,098.4				
PRC	4	15,166.0				
Lao PDR	22	16,055.4				
Myanmar	12	4,394.0				
Thailand	15	21,970.1				
Viet Nam	11	6,439.0				
2 Energy	11	4,051.6	4	6.5	15	4,058.1
3 Agriculture	12	1,973.7	10	61.0	22	2,034.7
4 Environment	5	640.4	4	38.3	9	678.7
5 Health & HRD	4	704.8	11	97.7	15	802.5
6 Urban Development	5	833.3	7	5.2	12	838.5
7 Other Multisector/BEZs	5	2,004.9	5	10.9	10	2,015.8
8 Tourism	12	1,515.4	20	80.1	32	1,595.5
9 TTF	2	75.3	6	20.6	8	95.9
10 ICT	0	0.0	8	4.3	8	4.3
Grand Total	125	77,922.3	85	333.5	210	78,255.8

BEZ = border economic zone, HRD = human resource development, ICT = information and communication technology, Lao PDR = Lao People's Democratic Republic, PRC = People's Republic of China, TTF = transport and trade facilitation.

Source: GMS Secretariat



Funding the Regional Investment Framework 2022 and Assessment of Overall Progress

From the original RIF 2022 in 2017 and through its three progress reports up until 2020, the pipeline has shown gradual progress in projects with identified funding, project implementation, and project completion.

In 2017, project financing amounting to \$39 billion had been identified for RIF projects. By 2020, financing available for projects has increased to \$55.6 billion (Figure 1). Additionally, approximately 71% of the RIF financing needs have been identified, which is also an increase of over 60% of project financing identified in 2019. Although several sectors have been successful at mobilizing financing for RIF projects, some sectors have large remaining funding gaps, namely: energy (72% funding gap); environment (80% funding gap), and ICT (no projects funded).

The largest proportion of identified financing (Figure 2) is still from the GMS government funding, which has increased from 69% to 71%. Private sector financing has also grown from 8% of total financing in 2017 to 14% in 2020. For example, financing from ADB's private sector operations and the Japan Bank for International Cooperation catalyzed greater amounts of private sector funding for the Nam Ngiep 1 Hydropower Project, with \$564 million of the \$977 million total project cost mobilized from private sector investors. The transport sector has

Figure 1. Updated Regional Investment Framework 2022, Percentage of Cost Estimates by Financing Status

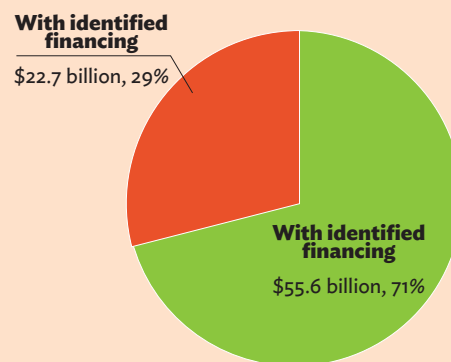
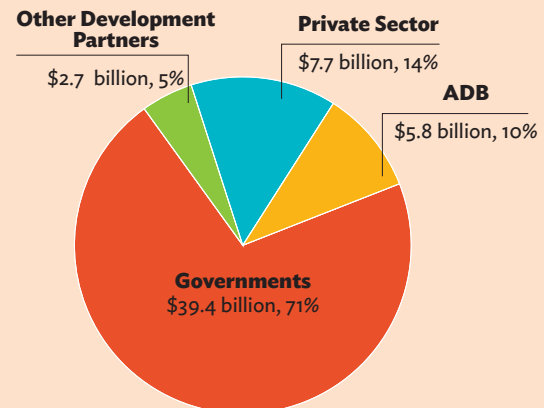


Figure 2. Updated Regional Investment Framework 2022, Breakdown of Funding Sources for Projects with Identified Financing





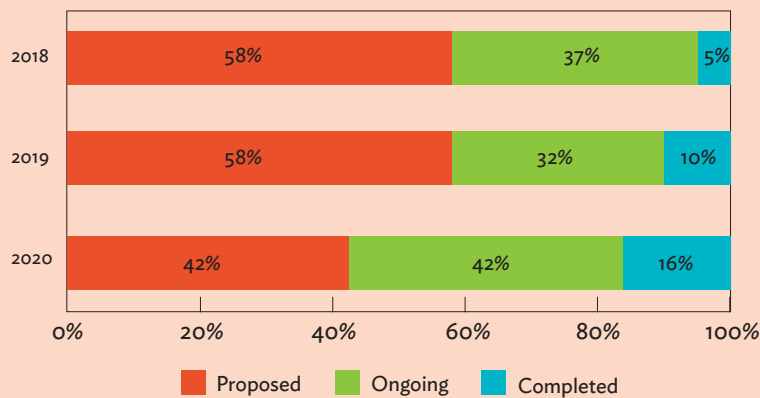
also seen an uptick in public–private partnership projects with several build–operate–transfer projects. However, private sector financing appears to be limited to transport and energy sector investments. There may be further opportunities for private sector financing in agriculture, tourism, and other multisector projects. Furthermore, there continue to be a growing number of multilateral, bilateral, and private sector partners supporting project finance in the RIF 2022 (appendix 3).

From 2017 to 2020, there was also gradual progress in the overall number of completed or ongoing projects (Figure 3). At the time of the First Progress Report and Update in December 2018, 42% of projects were reported completed or ongoing, and

58% of projects were still proposed and had not commenced implementation. By 2020, the balance had shifted to about 58% of projects completed or ongoing, with 42% of projects still proposed. Notably, 33 projects, or 16% of the projects, were completed by 2020. By funding volume, \$51.5 billion of funding, or 69% of the total cost estimate has been secured for projects that are completed or ongoing.

By the Third Progress Report and Update, the sectors that progressed well (with the more than 50% of projects reported as completed or ongoing) are transport, energy, health and other human resource development, urban development, other multisector and border economic zones, and transport and trade facilitation. The tourism sector, with 15 out of 32 projects completed or ongoing, and the environment sector, with 4 out of 9 projects completed or ongoing, are also progressing. However, there are opportunities to put further focus and accelerate funding and implementation for the agriculture and ICT sectors, which are lagging with still a high proportion of projects proposed and not yet implemented. Of the 29 outstanding projects in the transport sector that have not commenced or completed implementation 13 are proposed in Lao PDR, indicating that further focus is also needed in the transport sector in Lao PDR.

Figure 3. Regional Investment Framework 2022 Status of Implementation of Projects, 2018-2020





Way Forward

The RIF 2022 Third Progress Report and Update will be the last update of the RIF 2022 under the current GMS Strategic Framework 2012–2022 and the Hanoi Action Plan 2018–2022. In early 2021, the GMS leaders are expected to adopt the new GMS Economic Cooperation Program Strategic Framework 2030 (GMS 2030). A new pipeline of projects will be developed in line with the principles of GMS 2030.

While projects from RIF 2022 may be carried over, the new pipeline will use new criteria for quality infrastructure to raise the standards, viability, and sustainability of GMS projects.

The new pipeline will emphasize project quality, sustainability, and advancing gender equality and social inclusion. The program will be revised and strengthened to raise the standards for project inclusion to increase its attractiveness to development partners and the private sector with respect to project readiness, economic and social returns, and adherence to good environmental and social practices and project management standards.



Appendices

Appendix 1. Summary of Dropped Projects in the GMS RIF 2022 Third Update

No.	Project Title	Country Coverage	Sector/Type	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)
1.	Link road between NR5 and NR6 near Kampong Tralach, north of Phnom Penh	Cambodia	Transport/Investment	2020	80.0	TBD
2.	Railway access to the new Phnom Penh Port (53 km)	Cambodia	Transport/Investment	TBD	200.0	TBD
3.	Southern Siem Reap bypass road (42.64 km)	Cambodia	Transport/Investment	TBD	128.0	120.0 Development partners, 40.0 in three stages 8.0 Government of Cambodia
4.	Construction of Logistics Complex at Stung Bot (Poipet, Cambodia–Thailand border)	Cambodia	Transport/Investment	TBD	50.0	TBD
5.	Construction of Logistics Complex at Bavet (Bavet, Cambodia–Viet Nam Border)	Cambodia	Transport/Investment	TBD	50.0	TBD
6.	Strengthening Overload Control System	Cambodia	Transport/Investment	TBD	5.0	TBD
7.	Siem Reap to Rattanakiri National Roads Upgrading Project	Cambodia	Transport/Investment	TBD	450.0	Development partners

Continued on next page

Appendix 1 continued

No.	Project Title	Country Coverage	Sector/Type	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)
8.	Ban Mom River Port	Lao PDR	Transport/Investment	2017	12.0	(Private sector/ Government of Lao PDR)
9.	Lalay Border–Crossing Point (NR15)	Lao PDR	Transport/Investment	TBD	10.0	TBD
10.	Na Phao Border–Crossing Point	Lao PDR	Transport/Investment	TBD	TBD	NEDA Thailand already completed a prefeasibility study
11.	Luang Prabang–Phonexay District- Viengtong District (NR4B)	Lao PDR	Transport/Investment	TBD	148.0	TBD
12.	Selamphao Bridge, at the end of NR14A between the Lao PDR and Cambodia	Lao PDR	Transport/Investment	TBD	30.0	Joint 50:50 investment by the governments of Cambodia, Lao PDR, and the PRC for connecting road
13.	Mekong Bridge for Thanalaeng–Nong Khai Railway Project	Lao PDR	Transport/Investment	TBD	TBD	TBD
14.	Navigation Channel Improvements: Lower Mekong from Luang Prabang to Savannakhet (Mekong River Commission)	Lao PDR	Transport/Investment	2019	12.2	TBD
15.	Port Construction and Improvement from Vientiane to Savannakhet (Vientiane Port; Paksan Port; Thakek Port and Savannakhet Port)	Lao PDR	Transport/Investment	2020	19.4	TBD
16.	Border Control Facilities at Border Crossing Points: Tachilek and Muse	Myanmar	Transport/Investment	TBD	TBD	ADB, PRC, NEDA, and Thailand
17.	Second GMS Southern Coastal Corridor (also known as SSCP2)	Viet Nam	Transport/Investment	TBD	326.2	TBD
18.	GMS Road Corridors Maintenance	Viet Nam	Transport/Investment	TBD	120.0	TBD
19.	GMS Regional Transport Corridor Improvement I	Myanmar	Transport/Technical Assistance	2019	1.5	ADB

Continued on next page

Appendix 1 continued

No.	Project Title	Country Coverage	Sector/Type	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)
20.	Technical assistance to complete the draft Framework Agreement for Cross-Border Railway Transport Connectivity in the GMS	All GMS Countries	Transport/ Technical Assistance	TBD	TBD	TBD
21.	GMS Road Corridors Maintenance	All GMS Countries	Transport/ Technical Assistance	TBD	TBD	TBD
22.	Strategic Study on the Development and Management of the GMS Motorway Network System	All GMS Countries	Transport/ Technical Assistance	TBD	TBD	TBD
23.	Knowledge Transfer between Thailand and the Other GMS Member Countries on Highway and Bridge Standards and Specifications, including Transport Facilitation Facilities	All GMS Countries	Transport/ Technical Assistance	TBD	0.4	TBD
24.	GMS Transport Database Capacity Development	All GMS Countries	Transport/ Technical Assistance	TBD	TBD	TBD
25.	Various technical assistance projects proposed by the Lao PDR Department of Waterways and Ministry of Public Works and Transport	All GMS Countries	Transport/ Technical Assistance	TBD	TBD	PRC, Republic of Korea
26.	Technical Assistance for Chau Doc–Soc Trang Can Tho Expressway Project	Viet Nam	Transport/ Technical Assistance	TBD	TBD	TBD
27.	Continued Projects in Rural Electrification and Off-Grid Power Development in Northern Part of Lao PDR	Lao PDR	Energy/ Investment	2019	50.0	TBD
28.	Extension of Energy Access in Myanmar from Nodes in Thailand and in the PRC	Myanmar	Energy/ Investment	2019	50.0	TBD

Continued on next page

Appendix 1 continued

No.	Project Title	Country Coverage	Sector/Type	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)
29.	Demonstration of Second Generation Biofuel Technologies and Associated Biomass Value Chains	All GMS countries	Energy/ Investment	TBD	80.0	TBD
30.	Development of GMS Coordination Center for Regional Power Trade	All GMS countries	Energy/ Technical Assistance	TBD	3.0	TBD
31.	Scoping Study on the Future of the Trans-ASEAN Gas Pipeline	All GMS countries	Energy/ Technical Assistance	TBD	1.0	TBD
32.	Strengthening Quarantine Facilities in Myanmar	Myanmar	Agriculture/ Technical Assistance	TBD	0.5	TBD
33.	Preparing Agriculture, Natural Resources and Rural Development projects on ASEAN (TRTA Facility)	All GMS Countries	Agriculture/ Technical Assistance	2019	2.0	TBD
34.	Local Health Care for Disadvantaged Areas Sector Development Program (formerly Strengthening Local Health Care Support Program)	Viet Nam	Health and other HRD/ Investment	2018	100.6	ADB
35.	High Level Technology Solutions for Communicable Disease Control in the GMS -additional financing	Cambodia, Myanmar, Lao PDR, Viet Nam	Health and other HRD/ Technical Assistance	2020	0.2	HLTF
36.	Yangon City Water Resilience Project (formerly Yangon Urban Services Improvement Project)	Myanmar	Urban Development/ Investment	2020	196.0	ADB—180.0 Yangon City Development Committee—16.0
37.	Second Mandalay Urban Services Improvement Project	Myanmar	Urban Development/ Investment	2021	165.0	ADB—150.0 Cofinancing—15.0
38.	Hekou Urban Infrastructure and Public Services Improvement Project	PRC	Urban Development/ Investment	TBD	175.3	ADB Government of the PRC
39.	Yangon Urban Services Improvement Project-Phase 2	Myanmar	Urban Development/ Investment	2022	165.0	ADB—150.0 Cofinancing TBD—15.0

Continued on next page

Appendix 1 continued

No.	Project Title	Country Coverage	Sector/Type	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)
40.	Construction of a Phnom Penh New Port Special Economic Zone	Cambodia	Other Multisector/ Investment	TBD	60.0	TBD
41.	Research on China–Indochina Penin Economic Corridor Transportation and Business Planning	GMS Countries	Other Multisector/ Technical Assistance	TBD	4.2	TBD
42.	Feasibility Study for Thakhek Special Economic Zone	Lao PDR Thailand	Other Multisector/ Technical Assistance	TBD	1.5	TBD
43.	Training and Technical Assistance for Implementing Cross-Border Economic Zone between Myanmar and the PRC	Myanmar PRC	Other Multisector/ Technical Assistance	TBD	0.2	TBD
44.	Training and Technical Assistance for Implementing Cross- Border Economic Zone Framework Plan between Lao PDR and the PRC	Lao PDR PRC	Other Multisector/ Technical Assistance	TBD	2.0	TBD
45.	GMS Trade and Investment Information Service Platform	All GMS Countries	TTF/ Technical Assistance	TBD	2.5	TBD
46.	Broadband Development Strategies and Implementation Programs of the GMS	All GMS Countries	ICT/Investment	TBD	8.0	TBD
47.	Digital Connectivity	All GMS Countries	ICT/Investment	TBD	15.0	TBD
				No. of projects	Cost Estimate	
Subtotal Investment Projects to be dropped				29	2,705.7	
Subtotal Technical Assistance projects to be dropped				18	19.0	
Total projects to be dropped				47	2,724.7	

ADB = Asian Development Bank, ASEAN = Association of Southeast Asian Nations, GMS = Greater Mekong Subregion, ICT = information and communication technology, km = kilometer, NEDA = Neighbouring Countries Economic Development Cooperation (Thailand), PRC = People's Republic of China, TBD = to be determined, TTF = transport and trade facilitation, TRTA = transaction technical assistance
Source: GMS Secretariat calculations

Appendix 2. Summary of Projects

Transport

CAMBODIA

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
INVESTMENT PROJECTS						
1.	Sihanoukville Port Access Road Improvements	Cambodia	2017	5.0	Government of Cambodia (National Budget)	Completed
2.	Establishment of Bus/Truck Driving Test Center	Cambodia	2017	10.0	Private Sector	Completed
3.	CAM: Poipet–Border Bridge/ Aranyapraphet (6.5 km)	Cambodia	2016	6.5	Government of Cambodia	Completed
4.	Phnom Penh–Sihanoukville Expressway Project (formerly Phnom Penh–Sihanoukville Highway Corridor Improvements)	Cambodia	2016	2,000.0	PRC Private sector	Ongoing
5.	Road Network Improvement Project (formerly GMS: Deepening Connectivity of Southern Economic Corridor Project)	Cambodia	2017	76.9	ADB—70.0 Government of Cambodia—6.94	Ongoing
Subtotal (Transport Investment Projects: Cambodia)				2,098.4		

PEOPLE'S REPUBLIC OF CHINA

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
INVESTMENT PROJECTS						
6.	Dali–Ruili Railway	PRC	2006	4,008.0	Government of PRC	Ongoing
7.	Rehabilitation of the Ning'er–Jiangcheng–Longfu Road (part of Yunnan Pu'er Regional Integrated Road Network Development Project)	PRC	2014	589.5	ADB—200.0 Government of the PRC—389.53 Ning'er–Jiangcheng–Longfu Road 268.40)	Ongoing
8.	Yuxi–Mohan Railway	PRC	2014	7,912.5	Government of the PRC	Ongoing
9.	Jinghong–Daluo Expressway	PRC	2016	2,656.0	Government of the PRC	Proposed

Continued on next page

Appendix 2 continued

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
*Not Applicable	VIE: Lao Cai–Hekou 154 km PRC: Hekou–Lao Cai 249 km	PRC Viet Nam	TBD	*Cost Estimate and count of project is under Viet Nam to avoid double counting.	ADB	
Subtotal (Transport Investment Projects: PRC)				15,166.0		

LAO PEOPLE'S DEMOCRATIC REPUBLIC

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
INVESTMENT PROJECTS						
10.	Hongsá (Xayaboury)– Chomphet (Luang Prabang) Construction (114 km)	Lao PDR	2015	56.0	NEDA Thailand	Completed
11.	Vang Tao Border–Crossing Point	Lao PDR	2013	15.0	Government of Lao PDR	Ongoing
12.	Vientiane–Boten Railway Project (414 km)	Lao PDR	2016	5,800.0	Government of the PRC— 4,060.0 Government of the Lao PDR — 1,740.0	Ongoing
13.	Thanalaeng–Nong Khai Railway Extension Project (7.5 km)	Lao PDR Thailand	2016	31.6	NEDA Thailand	Ongoing
14.	NR13 Improvement and Maintenance Project (Vientiane to Phon Hong) NR 13 North, AH 12 and NR 13 South, AH 11	Lao PDR	2017	128.0	World Bank (International Development Association credit)—40.0 Nordic Development Fund (NDF)—9.5 Asian Infrastructure Investment Bank (AIIB)— 40.0 Government of the Lao PDR— 38.5	Ongoing

Continued on next page

Appendix 2 continued

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
15.	The Capital City Vientiane to Vang Vieng Section of Lao PDR Capital City Vientiane to PRC Mohan Port Highway Project	Lao PDR	2017	1,300.8	Government of PRC	Ongoing
*NA	Mekong Bridge at Bungkan-Paksan (with Thailand)	Lao PDR Thailand	2018	*Cost estimate is under Thailand to avoid double counting.	NEDA Thailand	
16.	Luang Namtha– Xiengkok–Lao PDR–Myanmar Friendship Bridge (NR17)	Lao PDR	TBD	167.0	Government of India	Ongoing
17.	Mekong Bridge at Luang Prabang	Lao PDR	2020	Not available	NEDA Thailand	Ongoing
18.	Upgrading 13S (portion Savannakhet Province to Bolikhamxay) (253 km)	Lao PDR	2020	200.0	World Bank—25.0 AIIB—114.0 EIB—35.0 NDF—5.0 Government of Lao PDR—15.0 TBD—6.0	Ongoing
19.	Xiengkok River Port	Lao PDR	2020	15.0	Government of the PRC	Proposed
20.	Thanaleng Border–Crossing Infrastructure Improvement Project	Lao PDR	TBD	25.0	TBD	Proposed
21.	Upgrading of NR8 East–West Transport Route; ASEAN Highway AH15 (Ban Lao–Nam Phao)	Lao PDR	TBD	196.0	KOICA is supporting the feasibility study and the World Bank is developing a prefeasibility study.	Proposed
22.	Luang Prabang–Dien Bien Phu (107 km section Phu Thi; Pheung–Na Sone/Lao PDR–Viet Nam Border)	Lao PDR	TBD	90.0	Government of Viet Nam	Proposed
23.	Phiafay–Attapeu: NR18A (106 km parts of ASEAN Highway: AH132 East–West Transport Route)	Lao PDR	2020	130.0	The Netherlands Government (RVO & FMO) funded technical and project costing	Proposed
24.	Vientiane–Thakhek–Mu Gia Railway Project (450 km) Mu Gia–Vung Ang (119 km)	Lao PDR Viet Nam	2020	TBD	Seeking financing For Possible PPP	Proposed

Continued on next page

Appendix 2 continued

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
25.	Savannakhet–Lao Bao Railway Project (220 km)	Lao PDR Viet Nam	2020	TBD	Seeking financing for feasibility study	Proposed
26.	Dak Chung Border–Crossing Point (NR16)	Lao PDR	2020	10.0	Seeking Financing	Proposed
27.	Houei Sai River Port	Lao PDR	2020	13.0	NEDA Thailand	Proposed
28.	Pakbeng River Port (Oudomxay Province)	Lao PDR	2020	13.0	Government of the PRC	Proposed
29.	Khokchong River Port (same as Luang Prabang River Port)	Lao PDR	2020	15.0	Government of the PRC	Proposed
30.	Vientiane–Ha Noi Expressway Project (Portion from Vientiane to Nam On–335 km)	Lao PDR Viet Nam	2020	4,250.0	JICA	Proposed
31.	New Highway Construction Project (Boten, Luang Namtha Province, Lao PDR to Houay Xai, Bokeo Province, Lao PDR)	Lao PDR	2020	3,600.0	Private Sector (BOT scheme)	Proposed
Subtotal (Transport Investment Projects: Lao PDR)				16,055.4		

MYANMAR

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
INVESTMENT PROJECTS						
*NA	Mae Sot–Myawaddy Border Crossing Project and Infrastructure Improvements (with Thailand)	Myanmar Thailand	2015	*Cost estimate listed under Thailand to avoid double counting	Government of Thailand	Completed
32.	East–West Economic Corridor Eindu–Kawkareik Road Improvement Project	Myanmar	2016	121.8	ADB—100.0 ASEAN Infrastructure Fund—20.0 Government of Myanmar—1.8	Ongoing
33.	GMS EWEC Corridor Improvement I and II	Myanmar	2017	550.2	JICA	Ongoing
34.	Thaton–Payagyi Road Improvement Project	Myanmar	2018	128.0	Private Sector (BOT System)	Ongoing

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Appendix 2 continued

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
35.	Daluo (PRC)–Tachilek (Myanmar) Highway	Myanmar	2018	93.0	Public Private Partnership (BOT System) (156.8 km) Government of Myanmar (Department of Highways) (87.5 km)	Ongoing
36.	Bridge on the Kyaington–Lyainglin–Taunggyi Road (AH2)	Myanmar	2018	15.8	Government of Myanmar	Ongoing
37.	GMS Highway Modernization Project	Myanmar	2018	202.1	ADB–194.7 Government of Myanmar–7.4	Ongoing
38.	Improvement of Six Inland Ports	Myanmar	2018	236.5	JICA, PPP	Ongoing
39.	Second GMS Highway Modernization Project (formerly Bago–Kyaikto Road)	Myanmar	2020	483.8	ADB	Proposed
40.	Upgrading of Mawlamyine–Dawei–Hteekhee Rail Link (452.58 km)	Myanmar	2020	TBD	ADB NEDA Thailand	Proposed
41.	Loilem–Kyaington Road Section (356 km) (GMS Road Section of R7 and Secondary Road of Corridor)	Myanmar	TBD	359.0	TBD	Proposed
42.	Ruili (PRC)–Kyaikpyu (Myanmar) Highway	Myanmar	TBD	2,153.8	Private Sector China Hobour Engineering Co.Ltd (CHEC)	Proposed
43.	Upgrading of Wan Pong Port with 500-ton container handling facilities	Myanmar	2018	50.0	Joint Committee on Coordination of Commercial Navigation Lancang-Mekong Cooperation Special Fund	Proposed
Subtotal (Transport Investment Projects: Myanmar)				4,394.0		

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Appendix 2 continued

THAILAND

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
INVESTMENT PROJECTS						
44.	Mae Sot–Myawaddy Border Crossing Project and Infrastructure Improvements	Thailand Myanmar	2015	130.0	Government of Thailand	Completed
45.	Single Rail Transfer Operator Development Project of Laem Chabang Port	Thailand	2018	90.0	Government of Thailand (PAT)	Completed
46.	Coastal Terminal Development Project of Laem Chabang Port	Thailand	2018	58.5	Government of Thailand (PAT)	Completed
47.	Tak–Mae Sot Highway Improvement Project	Thailand	2008	100.0	Government of Thailand	Completed
48.	Bang Yai–Kanchanaburi Intercity Motorway Project (part of Laem Chabang–Bangkok–Dawei [Myanmar] Corridor)	Thailand	2015	1,600.0	Government of Thailand	Ongoing
49.	Chiang Rai–Chiang Khong Highway Improvement Project	Thailand	2015	90.0	Government of Thailand	Ongoing
50.	Aranyaprathet–Poipet New Road with Border–Crossing Facilities (Thailand part)	Thailand Cambodia	2015	30.0	Government of Thailand	Ongoing
51.	Lomsak–Phetchabun Highway Improvement Project	Thailand	2016	220.0	Government of Thailand	Ongoing
52.	Kalasin–Nakrai–Kamcha I Highway Improvement Project	Thailand	2016	170.0	Government of Thailand	Ongoing
53.	GMS Highway Expansion Phase 2 Project	Thailand	2017	213.6	ADB—99.4 Government of Thailand—114.2	Ongoing
54.	National Railway Improvement	Thailand	2018	12,192.3	Government of Thailand—12,192.3	Ongoing
55.	Laem Chabang Port Development Project, Phase 3	Thailand	2018	3,000.0	PPP Private Sector	Ongoing
56.	Mekong Bridge at Bungkan–Paksan (Thailand part)	Thailand Lao PDR	2019	88.0	Government of Thailand	Ongoing
57.	The Construction of a New Railway Line from Den Chai to Chiang Rai and Chiang Khong	Thailand	2018	2,278.8	Government of Thailand	Proposed
58.	The Construction of a New Railway Line from Baan Pai (Khon Kaen) to Mahasarakham, Roi Et, Mukdahan, and Nakhon Phanom	Thailand	TBD	1,708.9	Government of Thailand	Proposed
Subtotal (Transport Investment Projects: Thailand)				21,970.1		

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Appendix 2 continued

VIET NAM

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
INVESTMENT PROJECTS						
59.	GMS Kunming–Haiphong Transport Corridor—Noi Bai–Lao Cai Highway (additional financing)	Viet Nam	2014	182.0	ADB—147.0 Government of Viet Nam—35.0	Completed
60.	Second Northern GMS Transport Network Improvement (Luang Prabang–Thanh Hoa)	Viet Nam	2015	77.8	ADB—71.13 Government of Viet Nam—6.7	Ongoing
61.	Central Mekong Delta Connectivity	Viet Nam	2013	860.0	ADB—410.0 Government of Australia—134.0 Korea Export-Import Bank—260.0 Government of Viet Nam—56.0	Ongoing
62.	GMS Ben Luc–Long Thanh Expressway (Stage 2)	Viet Nam	2014	1,607.4	ADB—635.7 JICA—634.8 Government of Viet Nam—336.9	Ongoing
63.	GMS Ha Noi–Lang Son Expressway Project (Huu Nghi–Chi Lang Section)	Viet Nam	2016	1,400.0	Private Investors	Ongoing
64.	Northern Mountain Provinces Transport Connectivity Project (formerly GMS Corridor Connectivity Enhancement Project)	Viet Nam	2018	245.1	ADB—188.4 Government of Viet Nam—52.2 Australia—4.5	Ongoing
65.	Central Region Connectivity Enhancement Project (NR 14D Improvement Project)	Viet Nam	2019	137.0	TBD—116.32 Government of Viet Nam—20.65	Proposed
66.	Ho Chi Minh City Third Ring Road (Ben Luc–NH22)	Viet Nam	2019	877.7	PPP: Private Investor—436.1 ADB—299.1 Australia—6.0 Government of Viet Nam—136.5	Proposed
67.	Ho Chi Minh City–Loc Ninh (Cambodia Border) Railway	Viet Nam	2020	900.0	TBD	Proposed

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Appendix 2 continued

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
68.	Viet Nam: Lao Cai–Hekou (4.7 km) PRC: Hekou–Lao Cai (03 km)	Viet Nam PRC	TBD	33.6	ADB	Proposed
69.	Construction Project of National Highway 15D, Quang Tri Province	Viet Nam	2021	118.4	ADB—94.7 Viet Nam—23.7	Proposed
*NA	Vientiane–Thakhek–Mu Gia Railway Project (450 km) Mu Gia–Vung Ang (F/S completion expected in 2017) 119 km	Viet Nam Lao PDR	2020	*Cost estimate is listed under the Lao PDR to avoid double counting.	TBD	
Subtotal (Transport Investment Projects: Viet Nam)				6,439.0		
Subtotal (Transport Investment Projects)				66,122.9		

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
TECHNICAL ASSISTANCE PROJECTS						
1.	GMS Corridor Enhancement Project (formerly Project Preparatory Technical Assistance for National Highway 14D Improvement)	Viet Nam	2016	1.8	ADB	Completed
2.	Proposed Hoa Lac–Hoa Binh City Expressway Public–Private Partnership Feasibility Study	Viet Nam	2018	1.0	Private Sector	Completed
3.	Study on Dry Port Development Plan Along International Railway Lines Connecting Thailand with Cambodia, the Lao PDR, and Myanmar	Cambodia Lao PDR Myanmar Thailand	2018	0.5	Government of Thailand	Completed
4.	Transport Sector Reform and Modernization (additional financing)	Myanmar	2017	2.0	ADB	Ongoing

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Appendix 2 continued

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
5.	Greater Mekong Subregion East-West Economic Corridor Highway Development Project (formerly GMS EWEC Road Corridor Improvement II)	Myanmar	2017	2.0	ADB	Ongoing
6.	Memorandum of understanding between the Ministry of Public works and transport of Lao People's Democratic Republic and the ministry of Oceans and fisheries of the Republic of Korea on the Establishment of a river transport connecting multi-modal transportation and logistics system	Lao PDR	2019	TBD	Government of Republic of Korea	Ongoing
7.	Connecting the Railways of the Greater Mekong Subregion (Phase 2)	All GMS Countries	2019	0.5	PRC Poverty Reduction and Regional Cooperation Fund	Ongoing
8.	Feasibility Study on Upgrading of Mawlamyine-Dawei-Htiikee Rail Link (452.58 km)	Myanmar	TBD	TBD	TBD	Proposed
9.	Road Safety for Highway Development in the Greater Mekong Subregion East-West Economic Corridor	Myanmar	TBD	1.1	ADB (Trust Fund for Road Safety for Highway Development in GMS EWEC)—1.0 Government of Myanmar—0.06 (non-cash)	Proposed
10.	Feasibility Study for Mae Sot-Myawaddy-Hpa-An-Thaton Rail Line	Myanmar Thailand	TBD	TBD	TBD	Proposed
Subtotal (Transport TA Projects)				8.9		
Total (Transport Investment and TA Projects)				66,131.8		

ADB = Asian Development Bank, AIIB = Asian Infrastructure Investment Bank, ASEAN = Association of Southeast Asian Nations, BOT = build–operation–transfer, CAM = Cambodia, EIB = European Investment Bank, EWEC = East–West Economic Corridor, FMO = Netherlands Entrepreneurial Development Bank, GMS = Greater Mekong Subregion, JICA = Japan International Cooperation Agency, km = kilometer, KOICA = Korea International Cooperation Agency, Lao PDR = Lao People's Democratic Republic, NA = not applicable, NDF = Nordic Development Fund, NEDA (Thailand) = Neighboring Countries Economic Development Cooperation Agency, PAT (Thailand) = Port Authority of Thailand, PPP = public–private partnership, PRC = People's Republic of China, RVO = Netherlands Enterprise Agency, TBD = to be determined, VIE = Viet Nam.

Source: GMS Secretariat

Energy

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
INVESTMENT PROJECTS						
1.	Nam Ngiep 1 Hydropower Project	Lao PDR	2014	976.7	ADB—215.7, JBIC—197.0, Private Sector — 564.0 [NNP1 shareholders: KPIC Netherlands B.V., EGAT International, Lao Holding State Enterprise—226; Thai banks—228]	Completed
2.	Lao PDR-Thailand Nabong 500 kV Substation Transmission Facility	Lao PDR Thailand	2014	106.0	Nam Ngum 2 Power Company	Completed
3.	Transmission Interconnection Project from Lao PDR (Na Bong) to Thailand (Udon Thani 3)	Lao PDR Thailand	2014	60.0	TBD	Completed
4.	230 kV Mae Sot- Myawaddy Transmission Line	Myanmar	2020	TBD	Not available	Ongoing
5.	500 kV Line from Mawlamyine to the Main Grid	Myanmar	2020	640.0	Not available	Ongoing
6.	230k V Lao PDR-Myanmar Power Interconnection	Lao PDR Myanmar	2020	180.9	Not available	Ongoing
7.	500kV Muse-Mineyal-Hopone-Phayargyi Transmisson Line (616) miles and related substations	Myanmar	2020	1,788.0	Not available	Ongoing
8.	Transmission Interconnection Project from Lao PDR (Ban Lak25) to Thailand (Ubon Ratchathani 3)	Lao PDR Thailand	2019	90.0	TBD	Proposed
9.	Rural Power Distribution and Efficiency Improvement Project (formerly Northern -Cross- Border Power Trade and Distribution)	Lao PDR	2020	90.0	TBD	Proposed
10.	Lao PDR-Viet Nam Power Transmission Interconnection II	Lao PDR Viet Nam	TBD	120.0	World Bank—40.0 Cofinancing (TBD)— 80.0	Proposed
11.	Transmission Interconnection Project from Lao PDR (Pak Beng or Pak Nguyen) to Thailand (Tha Wang Pha)	Lao PDR Thailand	TBD	TBD	TBD	Proposed
Subtotal (Energy Investment Projects)				4,051.6		

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Appendix 2 continued

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
TECHNICAL ASSISTANCE PROJECTS						
1.	Harmonizing GMS Power Systems to Facilitate Regional Power Trade (formerly Support to RPTCC in the Completion of Performance Standards, Grid Codes, Market Rules, and Subregional Transmission Expansion Plan)	All GMS Countries	2014	3.0	ADB—2.5 PRC Trust Fund—0.5	Ongoing
2.	Integrated Resource Planning with Strategic Environmental Assessment for Sustainable Power Sector Development in the Greater Mekong Subregion	All GMS countries	2015	2.5	AFD—1.15 ADB—1.35 (Regional Cooperation and Integration Fund—0.5 Cooperation Fund for Project Preparation in the Greater Mekong Subregion and in Other Specific Asian—0.5 TASF-VI—0.35)	Ongoing
3.	GMS Northern Cross-Border Power Trade and Distribution	Lao PDR	2017	1.0	ADB	Ongoing
4.	Supporting GMS Regional Sustainable Power Sector Development and the Development of GMS Coordination Center for Regional Power Trade	All GMS Countries	TBD	TBD	TBD	Proposed
Subtotal (Energy TA Projects)				6.5		
Total (Energy Investment and TA Projects)				4,058.1		

ADB = Asian Development Bank, AFD = Agence Française de Développement, GMS = Greater Mekong Subregion, JBIC = Japan Bank for International Cooperation, kV = kilovolt, Lao PDR = Lao People's Democratic Republic, PRC = People's Republic of China, RPTCC = Regional Power Trade Coordination Committee, TASF = Technical Assistance Special Fund, TBD = to be determined.

Source: GMS Secretariat

Agriculture

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
INVESTMENT PROJECTS						
1.	GMS Flood and Drought Risk Management and Mitigation Project	Cambodia Lao PDR Viet Nam	2013	101.5	ADB—81.5 Governments of the Lao PDR and Viet Nam—14.1 Cofinancing (Government of Australia)—5.9	Ongoing
2.	Basic Infrastructure for Inclusive Growth in the Northeastern Provinces Sector Project (1)	Viet Nam	2017	190.3	ADB—150.0 Government of Viet Nam—40.3	Ongoing
3.	Basic Infrastructure for Inclusive Growth in the North Central Provinces Sector Project (2)	Viet Nam	2017	203.5	ADB—149.0 Government of Viet Nam—54.5	Ongoing
4.	Climate Friendly Agri-Business Value Chains Sector Project	Cambodia Lao PDR Myanmar	2018	252.4	ADB—171.0 Cofinancing (Green Climate Fund or Global Agriculture Food Security Program)—62.0 Governments of Cambodia, Lao PDR, and Myanmar—9.6 Beneficiaries—9.77	Ongoing
5.	GMS Flood and Drought Risk Management and Mitigation Project (additional financing)	Lao PDR	2020	67.0	ADB—42.0 Government of the Lao PDR—5.0 Cofinancing—20.0	Proposed
6.	Agribusiness Competitiveness Development Project (formerly Agricultural Value Chain Infrastructure Improvement Project)	Cambodia	2020	76.0	ADB—70.0 Government of Cambodia—6.0	Proposed
7.	GMS Cross-border Livestock Health and Value Chains Improvement Project (formerly Animal Disease Control Zone)	Cambodia PRC Lao PDR Myanmar	2021	235.0	ADB—225.0, Private sector, Governments of Cambodia, the Lao PDR, and Myanmar—10.0, Banks in PRC Cambodia—75.0, Lao PDR—60.0 Myanmar—90.0	Proposed

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Appendix 2 continued

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
8.	Agro-Industrial Aones to Support Promotion of Safe and Environment-Friendly Agro-Based Value Chains	Cambodia PRC Lao PDR Myanmar Viet Nam	2022	286.0	ADB, Private sector, Governments of the PRC, Lao PDR, Myanmar, and Viet Nam via PPPs	Proposed
9.	Cluster and Value Chain Development for Geographic indications related to SEAP	Cambodia PRC Lao PDR	2023	345.0	AFD, ADB, FAO, Private sector, Ministries of agriculture and commerce of Cambodia, the PRC, Lao PDR, and Myanmar	Proposed
10.	GMS East-West Economic Corridor Agriculture Infrastructure Sector Project (Additional financing)	Lao PDR	2022	67.0	ADB-42.0 Cofinancing-20.0 Government of the Lao PDR-5.0	Proposed
11.	Climate Smart Horticulture Value Chain Infrastructure Project	Viet Nam	2021	TBD	ADB, Other development partners (TBD)	Proposed
12.	GMS Economic Corridor Agribusiness Development	Myanmar	TBD	150.0	ADB	Proposed
Subtotal (Agriculture Investment Projects)				1,973.7		

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Appendix 2 continued

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
TECHNICAL ASSISTANCE PROJECTS						
1.	Climate Friendly Agri-Business Value Chains in the GMS	Cambodia Lao PDR Myanmar	2015	2.5	Canadian Climate Fund for the Private Sector—1.0 Asia Clean Energy Facility—1.5	Completed
2.	Agriculture Value Chain Infrastructure Investment Project	Cambodia	2018	4.0	Japan Fund for Poverty Reduction—3.0 Project Readiness Improvement Trust Fund—1.0	Ongoing
3.	GMS Sustainable Agriculture and Food Security Program (formerly called “Implementing the Strategy on Agro-based Value Chain Investments in the GMS”)	All GMS Countries	2019	4.5	ADB—3.75 (TASF—3.0; Climate Change Fund—0.75) PRC Poverty Reduction and Regional Cooperation Fund—0.75	Ongoing
4.	Climate Change Adaptation in Highland Agriculture (formerly Enhancing Productivity and Competitiveness of Safe and Environment Friendly Agriculture)	Thailand	2020	2.0	Japan Fund for Poverty Reduction	Ongoing
5.	Economic Corridor Agribusiness Development	Myanmar	TBD	TBD	TBD	Proposed
6.	Supporting Infrastructure Development of Agro-industrial Zones for SEAP	Cambodia PRC Myanmar	2020	5.0	ADB, Other donors, Private sector	Proposed
7.	Geographic Indications Value Chain Development and Brand Building	Cambodia PRC Myanmar Viet Nam	2020	18.0	AFD, ADB, FAO, Private sector, Governments of Cambodia, PRC, and Viet Nam	Proposed
8.	Agribusiness Incubator Development	Cambodia, Lao PDR, Myanmar	2020	19.0	ADB, International Finance Corporation, Other donors, Private sector	Proposed
9.	GMS Cross-Border Livestock Health and Value Chains Improvement (formerly called Animal Disease Control Zone)	Cambodia, PRC, Lao PDR, Myanmar	TBD	5.0	TBD	Proposed

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Appendix 2 continued

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
10.	GMS East-West Economic Corridor Agriculture Infrastructure Sector Project (additional financing)	Lao PDR	TBD	1.0	ADB (Part of TA Facility)	Proposed
Subtotal (Agriculture TA Projects)				61.0		
Total (Agriculture Investment and TA Projects)				2,034.7		

ADB = Asian Development Bank, CAM = Cambodia, FAO = Food and Agriculture Organization of the United Nations, Lao PDR = Lao People's Democratic Republic, MYA = Myanmar, PPP = public-private partnership, SEAP = Safe and Environmentally-Friendly Agriculture Products TA = technical assistance, TASF = Technical Assistance Special Fund.

Source: GMS Secretariat

Environment

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
INVESTMENT PROJECTS						
1.	Greater Mekong Subregion Biodiversity Conservation Corridors Project	Cambodia Lao PDR Viet Nam	2010	93.0	ADB—69.0 Strategic Climate Fund—20.24 GEF—3.79	Ongoing
2.	GMS Biodiversity Conservation Corridors Project – Additional Financing	Cambodia	2015	7.4	Strategic Climate Fund	Ongoing
3.	Land-Based Pollution Management for Healthy Rivers and Oceans (formerly, Rural Environmental Management, Pollution Control, and Waste Management)	Cambodia Lao PDR Viet Nam	TBD	300.0	Green Financing Facility Ocean Financing Initiative	Proposed
4.	Climate Smart Landscapes (formerly called Integrated Land Use Management for Sustainable Development)	Cambodia Lao PDR Viet Nam Four Transboundary Landscapes	TBD	240.0	TBD	Proposed
5.	Climate Proofing of Rural Infrastructure and Risk Financing	Lao PDR	TBD	TBD	TBD	Proposed
Subtotal (Environment Investment Projects)				640.4		

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Appendix 2 continued

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
TECHNICAL ASSISTANCE PROJECTS						
1.	Core Environment Program and Biodiversity Conservation Corridors Initiative in the GMS, Phase 2	All GMS Countries	2011	30.3	ADB—1.8 Cofinancing—28.5 (Finnida grant—14.0; Swedish TA grant—8.3; Nordic Development Fund—5.3; GEF—0.46; GEF Special Climate Change Fund—0.46)	Completed
2.	GMS Climate Change and Environmentally Sustainable Program (formerly GMS Environment Service Facility (also known as GMS CEP Phase 3))	All GMS Countries	2019	5.0	ADB (TASF)—2.0 Climate Change Fund—3.0	Ongoing
3.	Rural Environmental Management, Pollution Control, and Waste Management (GMS CEP Strategic Framework and Action Plan)	All GMS Countries	2022	1.5	Part of ADB TRTA Facility	Proposed
4.	Integrated Land Use Management for Sustainable Development (GMS CEP Strategic Framework and Action Plan)	All GMS Countries	2022	1.5	Part of ADB TRTA Facility	Proposed
Subtotal (Environment TA Projects)				38.3		
Total (Environment Investment and TA Projects)				678.7		

ADB = Asian Development Bank, CEP = Core Environment Program, GEF = Global Environment Facility, GMS = Greater Mekong Subregion, Lao PDR = Lao People's Democratic Republic, TBD = to be determined, TRTA = transaction technical assistance
Source: GMS Secretariat

Health and Other Human Resource Development

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
INVESTMENT PROJECTS						
1.	GMS Health Security Project (formerly GMS Communicable Disease Control Project Phase III)	Cambodia Lao People's Democratic Republic (Lao PDR) Myanmar Viet Nam	2016	132.2	ADB—125.0 Government counterpart—7.2	Ongoing
2.	Guangxi Modern Technical and Vocational Education and Training Development Program (RBL)	PRC	2017	450.6	ADB loan—250.0 ADB TA—0.6 Kreditanstalt für Wiederaufbau (KfW)—200.0	Ongoing
3.	GMS Health Security - Additional Financing	Lao PDR Myanmar	2020	50.0	ADB	Ongoing
4.	GMS Universal Health Care: GMS Healthy Border Special Economic Zone	Cambodia Lao PDR Myanmar Thailand	2021	72.0	ADB—72.0 Mix of TA, grant, and loans	Proposed
Subtotal (Health and Other HRD Investment Projects)				704.8		

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
TECHNICAL ASSISTANCE PROJECTS						
1.	GMS HRD Strategic Framework and Action Plan 2013–2017, Phase 2	All GMS Countries	2013	2.1	ADB—1.3 PRC Fund—0.5 Governments of the GMS countries—0.3	Completed
2.	Malaria and Communicable Diseases Control in the GMS	Cambodia Lao PDR Myanmar	2015	4.5	Trust Fund under the Health Financing Partnership Facility	Completed
3.	High Level Technology Solutions for Communicable Disease Control in the Greater Mekong Subregion	Cambodia	2018	0.1	High Level Technology Fund/ ADB	Completed
4.	Strengthening Resilience to Climate Change in the Health Sector in the Greater Mekong Subregion	Cambodia Lao PDR Viet Nam	2015	4.4	Nordic Development Fund—4.36 Governments of Cambodia, Lao PDR, and Viet Nam—0.05	Ongoing

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Appendix 2 continued

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
5.	Poverty Reduction through Safe Migration, Skills Development and Enhanced Job Placement in Cambodia, Lao PDR, and Thailand (PROMISE)	Cambodia Lao PDR Myanmar Thailand	2017	8.3	Swiss Agency for Development and Cooperation, International Organization for Migration	Ongoing
6.	Strengthening Regional Health Cooperation in the Greater Mekong Subregion	All GMS Countries	2018	3.0	ADB	Ongoing
7.	TA Facility: Support for Human and Social Development in Southeast Asia. Improving UHC Coverage in Border Areas for MMPs Project	Cambodia Lao PDR Myanmar Thailand Viet Nam Indonesia Philippines	2018	3.0	ADB	Ongoing
8.	Tuberculosis Regional Grant	Cambodia Lao PDR Myanmar Thailand Viet Nam	2018	10.0	The Global Fund	Ongoing
9.	Regional Artemisinin-Resistance Initiative 2 Elimination (RAI2-E)	Cambodia Lao PDR Myanmar Thailand Viet Nam	2018	32.0	The Global Fund	Ongoing
10.	Prevention and Control of Neglected Tropical Diseases	Lao PDR Myanmar	TBD	30.0	Government of PRC, WHO, Korea International Cooperation Agency, World Organization for Animal Health	Proposed
11	Capacity Building in Labor Migration Management	Cambodia Lao PDR Myanmar Viet Nam	TBD	0.3	TBD	Proposed
Subtotal (Health and Other HRD TA Projects)				97.7		
Total (Health and Other HRD Investment and TA Projects)				802.5		

ADB = Asian Development Bank, HRD = human resource development, Lao PDR = Lao People's Democratic Republic, PRC = People's Republic of China, RBL = results-based loan, TA = technical assistance, TASF = Technical Assistance Special Fund, TBD = to be determined, UHC = universal health coverage, WHO = World Health Organization.

Source: GMS Secretariat

Urban Development

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
INVESTMENT PROJECTS						
1.	Second Greater Mekong Subregion Corridor Towns Development Project	Cambodia Lao PDR Viet Nam	2015	211.8	ADB—170.0 Governments of Cambodia, the Lao PDR, and Viet Nam—31.8 ASEAN Infrastructure Fund—10.0	Ongoing
2.	Third Greater Mekong Subregion Corridor Towns Development Project	Myanmar	2018	116.9	ADB—80.0 NEDA -24.3 GCF, TICA Grant—4.9 Government of Myanmar—7.7	Ongoing
3.	Fourth Greater Mekong Subregion Corridor Towns Development Project	Cambodia Lao PDR	2018	142.6	ADB—128.0 Government of Cambodia—8.0 Government of Lao PDR—6.06 Cofinancing—0.5	Ongoing
4.	Livable Cities Investment Project (formerly Fifth Greater Mekong Subregion Corridor Towns Development Project)	Cambodia	2021	207.0	ADB—180.0 Government of Cambodia—27.0	Proposed
5.	Urban Environmental Improvement Program (formerly Livable Cities Investment Program -MFF)	Lao PDR	2021	155.0	ADB—105.0 Cofinancing (TBD)—45.0 Government of Lao PDR—5.0	Proposed
Subtotal (Urban Development Investment Projects)				833.3		

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Appendix 2 continued

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
TECHNICAL ASSISTANCE PROJECTS						
1.	PPTA for Third Greater Mekong Subregion Corridor Towns Development Project	Myanmar	2014	1.5	ADB—1.0 Cofinancing—0.475	Completed
2.	Greater Mekong Subregion: Capacity Development for Economic Zones in Border Areas	All GMS Countries	2015	0.9	ADB—0.5 Cofinancing—0.4	Completed
3.	Fourth Greater Mekong Subregion Corridor Towns Development Project	Cambodia Lao PDR	2016	1.8	ADB	Completed
4.	PPTA for Second Mandalay Urban Services Improvement Project	Myanmar	2017	1.0	ADB—0.75 Cofinancing (Urban Climate Change Resilience Trust Fund under the Urban Financing Partnership Facility)—0.225	Completed
5.	Urban Infrastructure improvement project	Myanmar	TBD	TBD	TBD	Proposed
6.	Regional Development Project	Myanmar	TBD	TBD	TBD	Proposed
7.	Urban Infrastructure improvement project	Myanmar	TBD	TBD	TBD	Proposed
Subtotal (Urban Development TA Projects)				5.2		
Total (Urban Development and TA Projects)				838.5		

ADB = Asian Development Bank, ASEAN = Association of Southeast Asian Nations, GCF = Global Climate Fund, Lao PDR = Lao People's Democratic Republic, MFF = multi-tranche financing facility, NEDA (Thailand) = Neighbouring Countries Economic Development Cooperation Agency, TICA = Thai International Cooperation Agency, PPTA = project preparatory technical assistance.

Source: GMS Secretariat

Other Multisector/Border Economic Zones

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
INVESTMENT PROJECTS						
1.	Guangxi Regional Cooperation and Integration Promotion Investment Program, MFF Tranches 1–3 (formerly Joint PRC–Viet Nam Cross-Border Economic Zones)	PRC	2016	1,180.0	ADB—450.0 Government of the PRC—730.0	Ongoing
2.	Support to Border Areas Development Project	Viet Nam	2016	122.1	ADB—106.5 Government of Viet Nam—15.6	Ongoing
3.	Yunnan–Lincang Border Economic Cooperation Zone Development Project	PRC	2018	402.8	ADB—250.0 Government of the PRC—152.8	Ongoing
4.	Vientiane Saysettha Development Zone Project (Phase II Infrastructure and Supporting Construction Project)	Lao PDR	2019	300.0	PRC	Ongoing
5.	Border Trade Zone in Muse, Kampitee, Shinshwehaw	Myanmar PRC	TBD	TBD	TBD	Proposed
Subtotal (Other Multisector/Border Economic Zones Investment Projects)				2,004.9		

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Appendix 2 continued

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
TECHNICAL ASSISTANCE PROJECTS						
1.	Strengthening the Coordination of the GMS Program	All GMS Countries	2010	6.0	ADB	Completed
2.	Preparatory TA for Guangxi Regional Cooperation and Integration Promotion Investment Program	PRC	2016	1.2	ADB—1.0 Government of the PRC—0.2	Completed
3.	Policy Coordination and Planning of Border Economic Zones of the People's Republic of China and Viet Nam (formerly Joint Feasibility Study on Cross-Border Economic Zones in the PRC and Viet Nam)	PRC Viet Nam	2017	0.4	PRC Regional Cooperation and Poverty Reduction Fund	Completed
4.	PPTA for Yunnan-Lincang Cross-Border Economic Cooperation and Integration Promotion Investment Program	PRC	2018	0.5	ADB	Completed
5.	Sustaining the Gains of Regional Cooperation in the Greater Mekong Subregion	All GMS Countries	2017	2.8	ADB	Ongoing
Subtotal (Other Multisector/Border Economic Zones TA Projects)				10.9		
Total (Other Multisector/Border Economic Zones Investment and TA Projects)				2,015.8		

ADB = Asian Development Bank, GMS = Greater Mekong Subregion, Lao PDR = Lao People's Democratic Republic, PPTA = project preparatory technical assistance, TA = technical assistance.

Source: GMS Secretariat

Tourism

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
INVESTMENT PROJECTS						
1.	GMS Tourism Infrastructure for Inclusive Growth	Cambodia Lao PDR Viet Nam	2014	117.4	ADB—108.0 Governments of Cambodia, the Lao PDR, and Viet Nam—9.4	Ongoing
2.	Construction of the Sino-Vietnamese Detian-Ban Gioc Waterfalls International Tourism Cooperation Zone	PRC Viet Nam	2016	200.0	Governments of the PRC, Viet Nam, and ADB	Ongoing
	* Chongzuo Sino-Viet Nam Cross-border Tourism Subproject				ADB—25.0 Government of PRC—37.93	
3.	Strengthening Tourism Vocational Training Institutions	Cambodia PRC Lao PDR Thailand Viet Nam	2016	70.0		Ongoing
	(*Skills Development in the Tourism and Hospitality Sector in Lao PDR-Skills for Tourism)	Lao PDR			Luxembourg—8.6 (€7.5 million) Switzerland—8.6 (€7.5 million) In-kind contribution from Lao PDR	
4.	Improve Tourism Infrastructure and Facilities in the Konglor Cave-Phong Nha Khe Bang-Nakorn Phanom Corridor	Lao PDR Thailand Viet Nam	2017	1.6	Governments of the Lao PDR, Thailand, and Viet Nam, ODA (New Zealand)	Ongoing
5.	Tourism Information Center and Roadside Rest Area Development	All GMS Countries	2017	30.0	Governments of the GMS countries, ODA	Ongoing
6.	Second GMS Tourism Infrastructure for Inclusive Growth	Cambodia Lao PDR Viet Nam	2018	136.4	ADB—122.0 Governments of the Lao PDR, and Viet Nam—14.4	Ongoing
7.	Community-Based Tourism Enterprise Support Program	All GMS Countries	2021	30.0	Governments of the GMS countries, ODA	Proposed
	*Community-Based Tourism COVID-19 Recovery Project				ADB Trust Funds	
8.	Tourism Infrastructure Development in the Green Triangle Development Area	Cambodia Lao PDR Viet Nam	2022	75.0	TBD	Proposed

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Appendix 2 continued

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
9.	Tourism Infrastructure Development in the Emerald Triangle Development Area	Cambodia Lao PDR Thailand	2022	75.0	TBD—50.0 Government of Thailand—25.0	Proposed
10.	River and Coastal Port Improvements	All GMS Countries	2022	250.0	Governments of the GMS countries, ADB, ODA	Proposed
11.	Guangxi Guilin Comprehensive Ecological Rehabilitation Project (formerly Improve Environmental Services in World Heritage Sites)	All GMS Countries	2021	330.0	ADB—130 PRC Government—190	Proposed
12.	Border Facilities Improvement Program	All GMS Countries	2022	200.0	Governments of the GMS countries, ODA	Proposed
Subtotal (Tourism Investment Projects)				1,515.4		

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
TECHNICAL ASSISTANCE PROJECTS						
1.	Preparing Second GMS Tourism Infrastructure for Inclusive Growth Project	Cambodia Lao PDR Myanmar Viet Nam	2016	2.2	ADB—1.5 NDF—0.7	Completed
2.	Small-Scale Knowledge and Support Technical Assistance for 2018 Mekong Innovative Startup Tourism (MIST) Accelerator Program (aka Mekong Tourism Innovation)	Cambodia Lao PDR Myanmar Viet Nam	2018	0.2	DFAT Australia—0.225	Completed
3.	Mekong Business Initiative	All GMS Countries	2015	0.2	12.5 (estimated funding of about 0.2 for CRC and TMT)	Completed
4.	Experience Mekong Digital Marketing Initiative	All GMS Countries	2015	3.0	Governments of the GMS countries, ODA	Ongoing
5.	Strengthening Coordination of GMS Tourism Product Development and Promotion	All GMS Countries	2017	0.5	Governments of Cambodia, Lao PDR, and Viet Nam, ODA	Ongoing

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Appendix 2 continued

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
6.	Mekong Inclusive Growth and Innovation Program	Cambodia Lao PDR	2017	3.0	ODA-Swiss contact	Ongoing
7.	Improve Subregional Tourism Data Collection and Analysis	All GMS Countries	2017	6.0	Governments of the GMS countries, ODA	Ongoing
8.	Preparation of the ADB Ventures Facility will support: (I) the 2020 MIST Accelerator Program (also known as the Mekong Tourism Innovation), and (ii) 2020 Travel Lab Asia	DMCs in Southeast Asia including all GMS countries	2018	0.3	ADB—3.9 NDF—0.5 CTF—0.4 DFAT—0.2	Ongoing
9.	Tourism Product Development for Lao-Thai Heritage Quadrangle	Lao PDR Thailand	2018	0.5	Governments of the Lao PDR and Thailand, ODA	Ongoing
10.	Third GMS Tourism Infrastructure for Inclusive Growth Project	Select GMS countries	2020	1.0	ADB	Proposed
11.	Preparing the Tourism Infrastructure Development in the Green Triangle Development Area	Cambodia Lao PDR Viet Nam	TBD	1.0	Governments of Cambodia, Lao PDR, and Viet Nam, ODA	Proposed
12.	Preparing the Tourism Infrastructure Development in the Emerald Triangle Development Area	Cambodia Lao PDR Thailand	TBD	1.0	Governments of Cambodia, Lao PDR, and Viet Nam, ODA	Proposed
13.	Capacity Building for Sustainable Destination Management	All GMS Countries	TBD	12.0	Governments of the GMS countries, ODA	Proposed
14.	Cambodia, Lao PDR, Viet Nam Development Triangle Tourism Development Plan	Cambodia Lao PDR Viet Nam	TBD	1.0	Governments of Cambodia, Lao PDR, and Viet Nam, ODA	Proposed
15.	Integrated Destination Planning and Management Support Program	All GMS Countries	TBD	20.0	Governments of the GMS countries, ODA	Proposed
16.	Formulation of Travel Guidelines along the Main GMS Corridors	All GMS Countries	TBD	0.2	Governments of the GMS countries, ODA	Proposed
17.	Common Tourism Standards Implementation Program	All GMS Countries	TBD	12.0	Governments of the GMS countries, ODA	Proposed
18.	Child-Safe Tourism Program and GMS Conference on Preventing Child Sex Tourism	All GMS Countries	TBD	3.0	Governments of the GMS countries, ODA	Proposed

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Appendix 2 continued

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
19.	Climate Resilience and Green Growth Planning Program	All GMS Countries	TBD	12.0	Governments of Cambodia, Lao PDR, and Viet Nam, ODA	Proposed
20.	Monitoring GMS Visitor Satisfaction	All GMS Countries	TBD	1.0	Governments of the GMS countries, ODA	Proposed
Subtotal (Tourism TA Projects)				80.1		
Total (Tourism Investment and TA Projects)				1,595.5		

ADB = Asian Development Bank, CRC = COVID-19 Crisis Resource Center, CTF = Clean Technology Fund, DFAT = Department of Foreign Affairs and Trade (Australia), GMS = Greater Mekong Subregion, Lao PDR = Lao People's Democratic Republic, NDF = Nordic Development Fund, ODA = official development assistance, PRC = People's Republic of China, TMT = TakeMeTour.
Source: GMS Secretariat

Transport and Trade Facilitation

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
INVESTMENT PROJECTS						
1.	Improved SPS Handling in GMS Trade Project- Additional financing (formerly Modernization of SPS Agencies for Trade Facilitation Project in GMS Phase 2)	Lao PDR	2017	10.3	ADB—10.0 Government— 0.3	Ongoing
2.	Innovative Trade Promotion Myanmar (formerly Enhancing Capacity of SPS Arrangement to Facilitate Trade in Myanmar)	Myanmar	2021	65.0	ADB—65.0 Government of Myanmar— (in kind, TBD) Cofinancing—TBD	Proposed
Subtotal (Transport and Trade Facilitation Investment Projects)				75.3		

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Appendix 2 continued

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
TECHNICAL ASSISTANCE PROJECTS						
1.	Trade Facilitation through Partnership with the Private Sector	Cambodia Lao PDR Myanmar Thailand Viet Nam	2014	1.5	ADB (JFPR)	Completed
2.	Support for Implementing the Action Plan on Transport and Trade Facilitation in the GMS (Subproject 2)	All GMS Countries	2014	3.7	DFAT (Australia)	Completed
3.	Commodity Fairs in GMS Countries	Selected GMS Countries	2014	5.0	PRC—Yunnan and JICA	Ongoing
4.	ASEAN Economic Community Support Program, Technical Assistance	Cambodia Lao PDR Indonesia Malaysia Myanmar Philippines Thailand Viet Nam	2016	7.9	ADB—5.0 DFAT (Australia)—2.9M from DFAT (as of 22 July 2020, management approval is ongoing)	Ongoing
5.	Advancing Time Release Study in Southeast Asia (formerly Advancing Time Release Study in the Greater Mekong Subregion)	Cambodia, Lao PDR, Myanmar	2017	1.0	ADB	Ongoing
6.	“Early Harvest” Implementation of the Cross-border Transport and Trade Facilitation in the Greater Mekong Subregion	All GMS Countries	2020	1.5	Asia Regional Trade and Connectivity Trust Fund—(UK Government/DFID)	Proposed
Subtotal (Transport and Trade Facilitation TA Projects)				20.6		
Total (Transport and Trade Facilitation Investment and TA Projects)				95.9		

ADB = Asian Development Bank, ASEAN = Association of Southeast Asian Nations, JFPR = Japan Fund for Poverty Reduction, JICA = Japan International Cooperation Agency, SPS = sanitary and phytosanitary, TA = technical assistance, TBD = to be determined.
Source: GMS Secretariat

Information and Communication Technology

No.	Project Title	Country Coverage	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
TECHNICAL ASSISTANCE PROJECTS						
1.	Broadband Development Strategies and Implementation Programs of the GMS	All GMS Countries	TBD	0.1	TBD	Proposed
2.	Workshops on E-Commerce Cooperation and Exchanges in GMS	All GMS Countries	TBD	0.1	TBD	Proposed
3.	Cross-Border International Interconnected Bandwidth Expansion Project	PRC Lao PDR Viet Nam	TBD	2.1		Proposed
4.	Workshop on international Roaming for All Operator/Regulator in GMS countries	Lao PDR Myanmar Cambodia Thailand Viet Nam	TBD	0.1		Proposed
5.	Training in Quality of Experience in Voice/Data Service over Communication Network Monitoring in the View of Government and Consumer Perspective	Lao PDR Myanmar Cambodia Thailand Viet Nam	TBD	0.1	TBD	Proposed
6.	Promote Lao PDR Products with Digital Technology System (for agriculture production)	Lao PDR	2020	1.0	ADB, IFAD, FAO	Proposed
7.	Science and Technology Strategy for Enhancing Organic Food Industry	Lao PDR	2020	0.4		Proposed
8.	Feasibility Study on Science and Technology Park	Lao PDR	2020	0.4	ADB	Proposed
Total (Information and Communication TA Projects)				4.3		

ADB = Asian Development Bank, FAO = Food and Agriculture Organization of the United Nations, IFAD = International Fund for Agriculture Development, TBD = to be determined.
Source: GMS Secretariat

Appendix 3. Funding Sources Supporting the Regional Investment Framework 2022

Multilateral	Bilateral	Private Sector
<ul style="list-style-type: none"> • Asia Clean Energy Facility • ASEAN Infrastructure Fund • Asian Development Bank • Asian Infrastructure and Investment Bank • European Investment Bank • Global Environment Facility • Green Climate Fund or Global Agriculture Food Security Program • International Finance Corporation • Nordic Development Fund • Strategic Climate Fund • World Bank • International Organization for Migration (Swiss Agency for Development and Cooperation) • Organization of Petroleum Exporting Countries (OPEC)/OPEC Fund for International Development • Health Financing Partnership Facility (supported by Australia, Canada, Sweden, and the United Kingdom) • The Global Fund 	<ul style="list-style-type: none"> • Department of Foreign Affairs and Trade (Australia) • Belgium • Canadian Climate Fund for the Private Sector • PRC • Finnish Ministry of Foreign Affairs, Department for International Development Cooperation/FINNIDA (Finland) • Agence Française de Développement (French Development Agency, AFD) • Government of India • Kreditanstalt für Wiederaufbau (Credit Institute for Reconstruction, KfW Germany) • Japan International Cooperation Agency • Japan Bank for International Cooperation • Korea International Cooperation Agency (Republic of Korea) • Export-Import Bank of Korea (Republic of Korea) • Luxembourg • Netherlands • Swedish International Development Cooperation Agency • Switzerland • Neighbouring Countries Economic Development Cooperation Agency (NEDA Thailand) • Thailand International Cooperation Agency (TICA) • Asia Regional Trade and Connectivity Trust Fund (United Kingdom) 	<ul style="list-style-type: none"> • Businesses Involved in Climate Friendly Agri-Business Value Chains Sector Project • Giant Group (Malaysia) • Song Da Group • National Power Transmission Corporation (Viet Nam) • Nam Ngum Power Company (Lao PDR) • China United Network Communications Group Co., Ltd (PRC) • Viettel Group (Viet Nam) • Lao Telecom (Lao PDR) • Nam Ngiep 1 Power Company (Kansai Electric Power, EGAT International Lao State Holding Enterprise)
GMS Countries: National and Local Government and/or Provincial Budgets		

ASEAN = Association of Southeast Asian Nations, EGAT = Electricity Generating Authority of Thailand, Lao PDR = Lao People's Democratic Republic.

Source: GMS Secretariat

Regional Investment Framework 2022: Third Progress Report and Update

The Regional Investment Framework 2022 (RIF 2022) is the medium-term pipeline of priority investment and technical assistance projects in the Greater Mekong Subregion (GMS) and operationalizes the strategic thrusts and priorities of the GMS Program under the GMS Strategic Framework (2012–2022) and the Ha Noi Action Plan 2018–2022. The RIF 2022 was endorsed at the 22nd GMS Ministerial Conference in Ha Noi, Viet Nam on 20 September 2017 and then adopted by the GMS Leaders during the 6th GMS Summit of Leaders on 31 March 2018 in Ha Noi including the direction to ensure that the RIF is reviewed and updated regularly to adapt to changing conditions and priorities.

This RIF 2022 Third Progress Report and Update represents updates to the RIF 2022 during the 2020 cycle (November 2019 to October 2020). It includes a revision to the RIF 2022 to a new total of 210 investment and technical assistance projects requiring a total of \$78.3 billion in financing.

About the Greater Mekong Subregion Economic Cooperation Program

The Greater Mekong Subregion (GMS) is made up of Cambodia, the Lao People’s Democratic Republic, Myanmar, the People’s Republic of China (specifically Yunnan Province and Guangxi Zhuang Autonomous Region), Thailand, and Viet Nam. In 1992, with assistance from the Asian Development Bank and building on their shared histories and cultures, the six countries of the GMS launched a program of subregional economic cooperation—the GMS Program—to enhance their economic relations. The GMS Program covers the following sectors: agriculture; energy; environment; health and other human resource development; information and communication technology; tourism; transport; transport and trade facilitation; urban development; and border economic zones.

About the Asian Development Bank

ADB is committed to achieving a prosperous, inclusive, resilient, and sustainable Asia and the Pacific, while sustaining its efforts to eradicate extreme poverty. Established in 1966, it is owned by 68 member countries—49 from Asia and the Pacific. Its main instruments for helping its developing member countries are policy dialogue, loans, equity investments, guarantees, grants, and technical assistance.

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