

GMS Regional Investment Framework 2022

3RD PROGRESS REPORT AND UPDATE

GMS RPTCC VIRTUAL MEETING

15 OCTOBER, 2020

RIF 2022 Business Process for Progress Updates

Q1

The Asian Development Bank (ADB) Greater Mekong Subregion (GMS) secretariat initiates report preparation by advising ADB sector divisions and GMS national coordinators to communicate with country sector agency focal points.

The Regional Investment Framework (RIF) publication is disseminated for use and reference during the budget and development programming cycle.

Q2-Q3

ADB's sector divisions interact with country sector agency focal points through GMS working groups and forums to

- receive and compile the completed and agreed sector reports, and
- submit the sector reports to the ADB GMS secretariat for collation.

GMS national coordinators collaborate with line ministries for progress and proposed projects.

Q3

The ADB GMS secretariat

- assembles reports for each country and sector into the consolidated Revised Regional Investment Framework status report;
- distributes the status report to the countries' GMS national coordinators, sector agencies, and ADB's sector divisions;
- distributes the status report to interested development partners;
- uploads the status report to the ADB GMS website; and
- includes the status report in the documentation for a subsequent GMS event—senior officials meeting, ministerial meeting, or summit.

**Annual GMS
Ministerial,
Q3 or Q4**

- RIF progress report is revised to become the annual report.
- GMS national coordinators play a key role in collaborating with line ministries and in project investment pipelines.
- RIF 2022 report discussions are to better align with GMS working groups and forums.
- Final RIF 2022 reports are to be disseminated as reference for development and budget planning cycles.

RIF 2022:Third Progress Report and Update

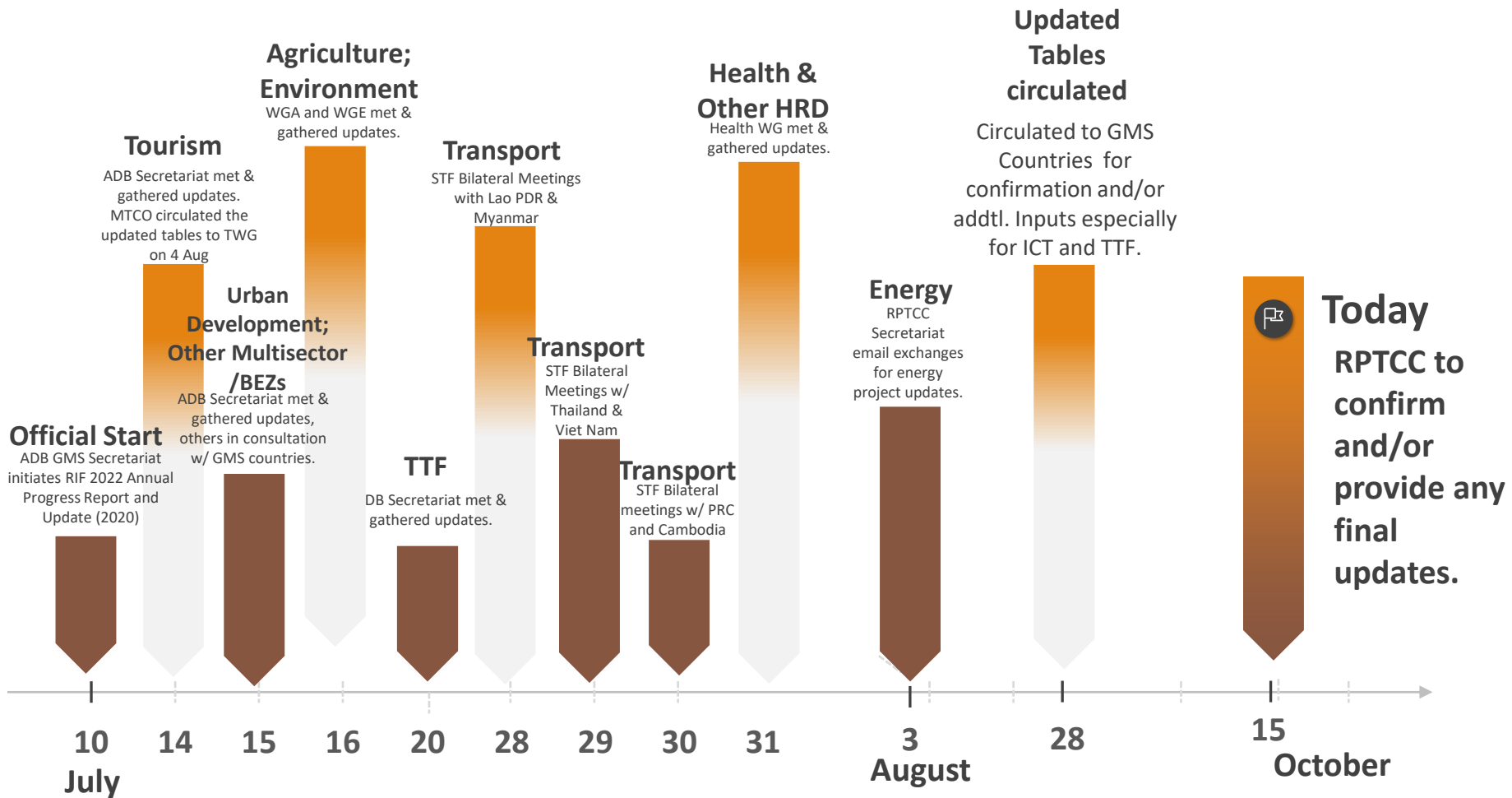
November 2020

- Last Update of RIF 2022
- Updates current projects in the RIF
- Remove/drop projects that are not expected to start in 2021/2022
- Priority projects may be proposed for inclusion in the new RIF that will follow the adoption of the new GMS Strategy 2030 at the 7th GMS Leaders Summit in March 2021

RIF 2022: Third Progress Report and Update (2020) Preparation

- Requested **Sector Working Groups** to fill out the progress on the sector tables (RPTCC/ADB Energy Division for energy sector)
- Focus on **completing project progress updates by end July**
 - Removal/dropping of old/non-moving projects
 - No adding of new proposed projects
- Compiled sector inputs (**by end July**) and GMS Secretariat prepared the consolidated RIF 2022 in close coordination with ADB Sector Divisions and GMS National Secretariat (**by mid-August**)
- GMS Secretariat finalized the draft with consideration of GMS Senior Officials' advice/action **in September SOM**
- Final **draft RIF 2022 Third Progress Report and Update for endorsement by GMS Ministers in the 24th Ministerial Conference on 4 November 2020**

RIF 2022 Third Progress Report and Update



Energy Sector

RIF 2022 Projects Summary

- ❑ 11 Investment Projects, \$4.1 billion financing
 - 4 projects, completed
 - 3 projects, ongoing
 - 4 projects, proposed

- ❑ 4 Technical Assistance (TA) Projects, \$6.5 m financing
 - 3 projects, on-going
 - 1 project, proposed

**Total: 15 investment and TA projects
requiring \$4.1 billion in financing**

RIF 2022: Energy Investment Projects (1)

No .	Project Title	Country Coverage	Approval Year	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
1	Nam Ngiep 1 (NN1)	Lao PDR	2014	976.7	ADB—215.7, JBIC—197.0, Private Sector—564.0 [NNP1 share-holders: KPIC Netherlands B.V., EGAT International, Lao Holding State Enterprise— 226; Thai banks—228]	Completed and operational
2	Lao PDR–Thailand Nabong 500 kV Substation Transmission Facility	Lao PDR, Thailand	2014	106.0	Nam Ngum 2 Power Company—106.0	Completed and operational
3	Transmission Interconnection Project from Lao PDR (Na Bong)	Lao PDR, Thailand	2014	60.0	TBD— 106.0	Completed and operational
4	230 kV Mae Sot- Myawaddy Transmission Line	Myanmar	2020	TBD	Not available	Completed and operational
5	500 kV Line from Mawlamyine to the Main Grid	Myanmar	2020	640.0	Not available	On-going
6	230kV Lao PDR-Myanmar Power Interconnec- tion	Lao PDR, Myanmar	2020	180.9	Not available	On-going

RIF 2022: Energy Investment Projects (2)

No.	Project Title	Country Coverage	Approval Year	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
7	500kV Muse- Mineyal- Hopone- Phayargyi Transmisson Line (616) miles and related substations	Myanmar	2020	1,788.0	Not available	On-going
8	Transmission Interconnec tion 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 Trade and Distribution)	Lao PDR	2020 Standby	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) Inter connection 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 in RIF 2022)				4,051.6		

RIF 2022: Energy TA Projects (TA)

No.	Project Title	Country Coverage	Approval Year	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)	Status
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	On-going
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	On-going
3	GMS Northern Cross-Border Power Trade and Distribution	Lao PDR	2017	1.0	ADB—1.0	On-going
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		
Subtotal (Energy Investment and TA Projects)				4,068.1		

RIF 2022: Energy Dropped Projects

No.	Project Title	Country Coverage	Sector/Type	Year of Approval	Cost Estimate (\$ million)	Potential Funding Source and Amount (\$ million)
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
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

Future Changes in RIF Process

- **GMS-2030** requires enhanced programming and monitoring systems
- The **Regional Investment Framework criteria for project inclusion** will be reviewed and revised to improve quality and usefulness
- A **GMS Results Monitoring Framework** will monitor the progress of GMS-2030
- Contribution and support of working groups, including **RPTCC**, will remain important