CONTRIBUTION TO STRATEGY 2030 OPERATIONAL PRIORITIES

OP No.	Corporate Results Framework Indicators (Outputs and Outcomes)	Expected Value	Methods and Comments
1.1.1	People enrolled in improved education and/or training (number)	380	Output indicator 1a targets at least 150 local officials (40% women) with increased understanding of sustainable tourism, river management, or environmental protection from participation in training. Output indicator 1g includes a target number of 130 villagers (50% women) have increased knowledge of cultural mapping, social media marketing, performance art and storytelling from participation in training. Output indicator 1i refers to at least 100 PRC and other DMC officials participated in knowledge sharing events and report increased understanding of sustainable tourism, river management, or environmental protection. These indicators will be assessed in post-training surveys and reports from the PMC.
1.2	Jobs generated (number)	400	Outcome indicator c refers to at least 400 people employed in skilled community-based tourism and green jobs generated by the project, of which at least 50% are women. Data will be captured from the GDRC Annual Report.
1.2.1	Business development and finance sector measures supported in implementation (number)	4	Output indicator 1f targets at least two community-based tourism plans prepared. Output indicator 1h involves preparation and implementation of a knowledge management plan documenting and disseminating best practices and lessons on sustainable tourism, river catchment management, or environmental protection to PRC and other DMC stakeholders via the GMS and other regional platforms. Output indicator 1c refers to preparation of a business plan for Li River e-boat scaled-up deployment. These indicators will be tracked through the annual progress monitoring report of the PMO.
1.3	Poor and vulnerable people with improved standards of living (number)	9,500	Outcome indicator a targets at least 10,100 households (approximately 47,500 people) serviced with improved sanitation systems, of which 20% are low-income households.

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			This will be measured using the provincial and local governments' annual statistics report.
1.3.1	Infrastructure assets established or improved (number)	210	Output indicator 2a refers to at least 35 km of climate resilient stormwater network installed (35 assets in total). Output indicator 2b targets at least 180 km of new sewage pipe network installed (56 assets in total) Output indicator 2c refers to 42 small-scale integrated micro-power sewage treatment facilities constructed. Output indicator 2f refers to 65 km of new bicycle and pedestrian facilities along the river constructed (17 assets in total). Output indicator 3a targets at least 60 cultural facilities constructed or upgraded. This will be tracked through the Annual Progress Report of the PMO. These indicators will all be monitored via the Annual progress monitoring report of PMO.
2.1	Skilled jobs for women generated (number)	200	Outcome indicator c targets at least 400 people employed in skilled community-based tourism and green[a] jobs generated by the project, of which at least 50% are women. This will be tracked using the GDRC Annual Report.
2.1.1	Women enrolled in TVET and other job training (number)	125	Output indicator 1a targets at least 150 villagers (40% women) with increased understanding of sustainable tourism, river management, or environmental protection from participation in training. Output indicator 1g includes a target number of at least 130 villagers (50% women) have increased knowledge on cultural mapping, social media marketing, performance art and storytelling from participation in training. These will both be assessed via post-training survey feedback.
2.3.2	Measures on gender equality supported in implementation (number)	60	Output indicator 3a targets 100% of 60 newly constructed or upgraded cultural facilities integrate gender, aging, and socially inclusive features.

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			This will be tracked through the Annual Progress Report of the PMO.
3.1.3	Low-carbon infrastructure assets established or improved (number)	17	Output indicator 2f refers to 65 km of new bicycle and pedestrian facilities along the river constructed (17 assets). This will be tracked via the Annual Progress Report of the PMO.
3.1.5	Low-carbon solutions promoted and implemented (number)	2	Output indicator 1c refers to one business plan for Li River eBoat scaled-up deployment prepared. Output indicator 3d targets at least 20 electric powered rafts procured and in operation on the Li river. Both indicators will be tracked based on the annual monitoring reports of the PMO and final report of the PMC Electric vehicle technology specialist.
3.2.1	Area with reduced flood risk (hectares)	80,100	Approximately 80,000 hectares catchment area with reduced flood risk. This will be tracked based on the final report of the hydrologist and annual progress report of PMO. Output indicator 2e refers to 100 hectares ecologically restored. This will be assessed based on the annual project monitoring Report of the PMO.
3.2.2	Gender-inclusive climate and disaster resilience capacity development initiatives implemented (number)	1	Output indicator 1a targets at least 150 villagers (40% women) with increased understanding of sustainable tourism, river management, or environmental protection from participation in training. The indicator will be assessed on post-training surveys.
3.2.5	New and existing infrastructure assets made climate and disaster resilient (number)	37	Output indicator 2a refers to at least 35 km of climate resilient stormwater network installed (35 assets). Output indicator 3b refers to two Li River transport support facilities upgraded and climate proofed. These will be assessed via the Annual Progress Report of the PMO.
3.3.1	Pollution control enhancing infrastructure assets established or improved (number)	133	Output indicator 2a refers to at least 35 km of climate resilient stormwater network installed (35 assets). Output indicator 2b targets at least 180 km of new sewage pipe network installed (56 assets).

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			Output indicator 2c refers to 42 small-scale integrated sewage treatment facilities constructed. These will all be measured via the Annual Progress Report of the PMO.
3.3.2	Solutions to enhance pollution control and resource efficiency implemented (number)	1	Output indicator 1d refers to the preparation of a plastic waste management strategy.
3.3.3	Terrestrial, coastal, and marine areas conserved, restored, and/or enhanced (hectares)	100	Output indicator 2e refers to 100 hectares ecologically restored. This will be assessed based on the Annual Project Monitoring Report of the PMO.
4.1.2	Urban infrastructure assets established or improved (number)	76	Output indicator 2a refers to at least 35 km of climate resilient stormwater network installed (includes 17 urban assets). Output indicator 2b targets at least 180 km of new sewage pipe network installed (includes 33 urban assets). Output indicator 2c refers to 42 small-scale integrated sewage treatment facilities constructed (includes 19 urban assets). Output indicator 2f refers to 65 km of new bicycle and pedestrian facilities along the river constructed (7 urban assets). These will be monitored via the Annual progress monitoring report of PMO, final report of PMC experts in CWIS, environmental sanitation, urban resilience, and NMT.
4.3	Zones with improved urban environment, climate resilience, and disaster risk management (number)	5	The project will support sponge city solutions and wastewater treatment plants that will enhance environmental quality, climate resilience and disaster risk management in five urban areas. This will be tracked through the Annual Progress Monitoring Report of the PMO and final reports of respective experts (CWIS and environmental sanitation).
4.3.1	Solutions to enhance urban environment implemented (number)	1	Output indicator 2d refers to at least 35 km of Li River (including tributaries) embankments ecologically rehabilitated using soil bioengineering measures. This will be monitored via the Annual Progress Monitoring Report of the PMO.
5.1	People benefiting from increased rural investment (number)	47,500	Outcome indicator a refers to at least 10,100 households (equivalent to approximately 47,500 people) serviced with improved

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			sanitation systems, of which 20% are low-income households. This will be tracked through the provincial and local governments' annual statistics report.
5.1.1	Rural infrastructure assets established or improved (number)	134	Output indicator 2a refers to at least 35 km of climate resilient stormwater network installed (includes 18 rural assets). Output indicator 2b targets at least 180 km of new sewage pipe network installed (includes 23 rural assets). Output indicator 2c refers to 42 small-scale integrated sewage treatment facilities constructed (includes 23 rural assets). Output indicator 2f refers to 65 km of new bicycle and pedestrian facilities along the river constructed (10 rural assets). Output indicator 3a targets at least 60 cultural facilities constructed or upgraded. These will be tracked through the Annual Progress Monitoring Report of the PMO and final reports of respective experts (CWIS and environmental sanitation and NMT).
6.1.1	Government officials with increased capacity to design, implement, monitor, and evaluate relevant measures (number)	250	Output indicator 1a targets at least 150 local officials (40% women) with increased understanding of sustainable tourism, river management, or environmental protection from participation in training. Output indicator 1i refers at least 100 PRC and other DMC officials with increased understanding of sustainable tourism, river management, or environmental protection from participation in knowledge sharing events. These indicators will be assessed in post-training surveys.
7.3.2	Measures to expand cross-border environmental protection and sustainable management of shared natural resources supported in implementation (number)	1	Output 1b refers to the implementation of a smart river ecological monitoring and management platform. In addition, the project will support (i) the development of community-based tourism, also identified in the Greater Mekong Subregion tourism related action plans, including the Regional Investment Framework 2022, through training and capacity building; (ii) sharing of experiences

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			in sustainable tourism, river management and environmental protection with other DMCs in the GMS; and (iii) reducing remaining poverty in a border province. These will be tracked through the Annual Progress Monitoring Report of the PMO.

CWIS = CWIS= Citywide Inclusive Sanitation, DMC = developing member country, GDRC = Guilin Development and Reform Commission, GMS = Greater Mekong Subregion, project management office km, kilometer, m^2 = square meter, NMT = nonmotorized transport, OP = operational priority, PMC = project management and capacity building, PMO = project management office, PRC = People's Republic of China, TVET = technical and vocational education and training.

[a] The People's Government of Guangxi Zhuang Autonomous Region. 2021. *Fourteenth Five Year Plan for Economic and Social Development of Guangxi and Long-Range Objectives through the Year 2035.* Nanning.

Source: Asian Development Bank.