

Causal Hypothesis: Defining a climate MRV regional maturity taxonomy, with subsequent mapping of PA country climate MRV systems will drive country specific capacity building initiatives to improve effectiveness and align country MRV methodologies; which will allow convergent market forces to capture the value of carbon as a fungible commodity between PA countries, to ultimately accelerate the net reduction of GHG and SLCP emissions within the PA.

HARMONIZATION AND TRANSVERSAL THEMES			
Objective, Outcome, Rationale	Outputs/Products	Activities	Inputs
<p>Objective: Identify and reduce the gaps/differences between national climate MRV systems; and between the associated policy and information management coupled systems in each country.</p> <p>Outcome: Compatible Climate MRV standards between PA countries; utilization of common IMS architecture.</p> <p>Rationale: Understanding the differences between country climate MRV systems will enable a discussion on pros/cons of different methods and attributes, clarify costs/ benefits, give direction to peer-learning, and improve alignment of climate policies.</p>	<ol style="list-style-type: none"> Internal SGT-MRV communications plan External SGT-MRV communications plan Gap analysis of climate MRV systems and information management systems (IMS) both within and between countries. Guidance on developing integrated climate MRV maturity. 	<p>Report on different levels and maturity of climate MRV IMS systems with examples. Identify tools and platforms to collect and track information among sectors, organizations, national and subnational. Both inside the PA and good cases globally.</p> <p>Analysis of the existing gaps, both within and between countries.</p> <p>Collaborative creation of a "common criteria" for PA Regional Climate MRV maturity model, to help each country to map the elements of its evolving MRV system and would be a part of a wider process in the country to strengthen domestic MRV.</p> <p>Create opportunities towards aligning IMS architecture between countries- links to MRV maturity and assessing "good practice" IMS systems.</p>	
MRV OF EMISSIONS INVENTORIES			
Objective, Outcome, Rationale	Outputs/Products	Activities	Inputs
<p>Objective: Strengthen the emissions inventory process and registries (GHG & SLCP) in each country.</p> <p>Outcome: Improved harmony between top-down and bottom-up inventories in each country. Reduced delta between the PA countries' capacities for inventorying and use of IMS.</p> <p>Rationale: Improved TACCC of inventories will strengthen institutional arrangements horizontally and vertically, accelerate public-private sector collaboration, create value for the price of carbon, and serve as the ultimate key metric for climate finance and policy effectiveness.</p>	<ol style="list-style-type: none"> Summary baseline report on emissions inventory reporting practices in PA countries—including level of local technical capacity; use of national emission factors; harmony of top-down and bottom-up processes— sub-national, public, and private sector approaches; IMS tools; accessibility, transparency, accuracy, completeness, comparability, consistency. Description of the capacity delta between countries. Self assessment of capacity building priorities. Improved national technical capacities and IMS components. Roster of trained national inventory verifiers. More harmonized private sector reporting criteria across PA countries. Proof of concept - SCLP, MRV demonstration pilots x 4 	<p>Share, compare, and discuss practices on the collection, tracking, processing, and improving of emission inventories; a) SLCP inventories; b) National & sub-national GHG emission inventories; c) Corporate or business inventories of GHG emissions; d) National obligations to report GHG emissions; e) Voluntary schemes for estimating and reporting GHG emissions; f) domestic emission factors; etc.</p> <p>Support the development of national emission factors.</p> <p>Analysis of methodologies, coherence, & consistency between national inventories, and IMS tools.</p> <p>Analysis of mandatory reporting systems for corporate GHG emissions in the region.</p> <p>Create an AP collaborative network to unify corporate reporting criteria.</p> <p>SLCP MRV PoC Pilots. Concerted point-source demonstration initiatives in each country; stemming from SLCP MRV</p> <p>Establish common rules for inventory accounting between corporate, national, and subnational inventories.</p>	
MRV OF MITIGATION ACTIVITIES			
Objective, Outcome, Rationale	Outputs/Products	Activities	Inputs
<p>Objective: Identify mechanisms and strategies to more accurately track and assess GHG & SLCP mitigation activities. Improve corroboration between national inventories/registries and mitigation project pipelines. Enable international transfers of emission reduction units and make corresponding national inventory adjustments between PA countries.</p> <p>Outcome: Improved accuracy of information between national registries and mitigation pipelines.</p> <p>Rationale: Improving the accuracy of projected emission reduction impacts on inventories will accelerate climate investments and reduce risk of climate finance.</p>	<ol style="list-style-type: none"> Baseline report in each country on the status and components of MRV of Mitigation Activities (GHG & SLCP), gaps with the national inventory and the intentions and status of ITMO pursuit. SGT-MRV webinar outlining principal components of each countries MRV of Mitigation Activities. Outline of institutional and IT infrastructure standards and protocols to ensure accurate transfers of ITMOs. Self assessment of capacity development needs and peer learning opportunities. Established rules and a formal mechanism for the registration of transfers of mitigation results between PA countries. Proof of concept - SLCP, MRV demonstration pilots x 4 	<p>Comprehensive reports from national technical experts in each country that describe the components and status of MRV Mitigation Activities. (GHG and SLCP)</p> <p>Webinars - Domestic and SGT MRV.</p> <p>Identify needs for the infrastructure (institutional and IT) to a) harmonize MA with national inventories, and; b) register PA transfers of emission reduction units and make the corresponding adjustments.</p> <p>Analysis of emission offset and compensation programmes in PA countries.</p> <p>Elaboration of a draft Protocol for MRV of Mitigation Activities</p> <p>Proposal for a shared registry platform of Mitigation Activities across the PA.</p> <p>SLCP MRV PoC Pilots. Concerted point-source demonstration initiatives in each country; stemming from SLCP MRV</p>	
MRV OF CLIMATE FINANCE			
Objective, Outcome, Rationale	Outputs/Products	Activities	Inputs
<p>Objective: Establish a common definition of climate finance (CF), and create a common CF tracking & reporting protocol in each country. This will include private & public expenditures, as well as domestic and international sources.</p> <p>Outcome: Standardized process for accurate CF reporting in PA countries.</p> <p>Rationale: A common definition of climate finance is a pre-condition for the fungibility of carbon pricing.</p>	<ol style="list-style-type: none"> Baseline reports on the definition, status, and quantification of CF in each country Report of the common criteria in the PA for financing MRV Spotlight Paper mapping the relationship of carbon pricing mechanisms with CF Standardized protocol for CF reporting in each country 	<p>Investigations on how each country defines, tracks, and reports climate finance. Status report.</p> <p>Trace how carbon pricing revenues relate to climate finance. Determine what mechanisms utilize revenues from CPI to fund climate policies.</p> <p>Formulate and implement a common methodology for monitoring and tracking climate finance/ expenditure.</p> <p>Prepare a technical note for presentation at events or meetings within the framework of the UNFCCC.</p> <p>Establish common reporting protocol of climate finance and include in 2020 BUR</p>	
GOVERNANCE OF MRV			
Objective, Outcome, Rationale	Outputs/Products	Activities	Inputs
<p>Objectives: Strengthen horizontal & vertical institutional arrangements. Increase public & private sector participation and awareness of climate impacts, planning, and policies. Improve the transparency, accuracy, completeness, comparability, and consistency of climate MRV systems in each country.</p> <p>Outcome: Reduced financial risks, increased public and private sector investments in new infrastructure, better distribution of benefits. Increased ambitions. Local management and MRV of project implementation.</p> <p>Rationale: Stubborn, pervasive coordination and collaboration gaps stunt progress. Identifying and addressing the social and political challenges to transformation is an unattended precondition for the successful implementation of new technologies and increased CF.</p>	<ol style="list-style-type: none"> Gap analysis in each country, with self assessed capacity & coordination development priorities, in order to establish common levels of TACCC in the climate MRV systems. Disseminate, position, and scale the issue of MRV within the PA. (PA Meeting on July 24 and 25, Declaration on MRV in the October event of the Forum of Environment Ministers) Implementation/ revision of MLG governance for climate MRV schemes in the PA countries. 	<p>Answer how guarantee the TACCC in practice. Specifically, in terms of institutional infrastructure and capacities in each country to support MRV systems.</p> <p>Disseminate brochure, roadmap, workplan and common agreements or definitions on MRV</p> <p>Identify gaps- examples of governance challenges, coordination and capacity gaps.</p> <p>Develop support measures to resolve self-assessed institutional infrastructure, and MLG capacity/ coordination gaps in each country.</p>	
CARBON PRICING			
Objective, Outcome, Rationale	Outputs/Products	Activities	Inputs
<p>Objectives: Clarify the relevance, impact and functioning of the different CP schemes in the PA.</p> <p>Outcomes: The PA countries have a common understanding on the relevance, impact and functioning of the different carbon pricing schemes including the evaluation of a regional AP carbon market</p> <p>Rationale: Transparent, market based carbon pricing is key strategy towards achieving and increasing NDC ambitions.</p>	<ol style="list-style-type: none"> Summary of available Carbon Pricing Instruments (CPI) and Methodologies. Economic impact analysis of the use of schemes based on carbon pricing for compliance with the NDC. Experience in the PA countries with the implementation/ scaling of mixed systems of CPIs (eg taxes; offsets; ETS) Technical gap analysis on the infrastructure required for emission accounting, generation of units, pricing, and regional transfers. Comprehensive design and evaluation of a proposed regional PA carbon market. Including a consensus proposal on corresponding adjustments, with potential standard and rules for ITMO Transfers 	<p>Document what CPI the PA countries are utilizing, and their links with climate MRV systems. (e.g. Analysis of the MRV related to carbon pricing schemes and the associated infrastructure for the accounting of emissions, generation of units to reduce emissions and transfers (eg, records, registry platform, IT, etc). Analysis of how effective are the carbon pricing instruments in the NDC compliance.</p> <p>Analyze the <i>de facto</i> carbon pricing strategy in each country.</p> <p>Develop experience exchanges for the application of complementary systems such as domestic Offset.</p> <p>Analysis on who owns the ownership of the benefits (carbon bonds, e.g.).</p> <p>Create a common awareness in the PA of the relationship between ITMOs, CORSIA, voluntary markets & other carbon market scenarios with the NDC (corresponding adjustments - INGEIs).</p> <p>Definition of a common or approved mechanism for the registration of transactions or transfers of mitigation results between countries of the Pacific Alliance.</p> <p>Definition of roles or institutional and legal tasks to be carried out within the schemes or mechanisms proposed for the transfer of mitigation results.</p> <p>Investigate IT for MRV of carbon prices for the PA countries and possible linking with other jurisdictions.</p> <p>Evaluate implementation, institutional, MRV and firms results. Summary of lessons learnt</p> <p>Preparation of technical note for dissemination of said mechanism (eg meetings or events of the UNFCCC).</p>	

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Objective	What is the SGT-MRV aiming to achieve. Specific, measurable (not a general goal)
Output	What is actually produced/ delivered. Includes inter-alia; activities, services, report, assessments, methods, approaches
Rationale	Explains why this is important/ relevant
Outcome	Results, impact, accomplishments- defines changes that have taken place because of the work. Outcomes are the difference made by the outputs. Outcome is the result/payoff from the the course of action taken, the gains from SGT-MRV outputs.
Inputs	Partners, funds (national, international), time, etc.