

Summary

PMIF Global Knowledge Forum

Madrid, Spain
July 5-7, 2022

Overview of PMIF Global Knowledge Forum

The Partnership for Market Implementation Facility (PMIF) held its [PMIF Global Knowledge Forum on carbon pricing, markets, and climate finance](#) on July 5-7, 2022 in Madrid, Spain. The PMIF Global Knowledge Forum brought together the PMIF stakeholder community – more than 70 participants in-person (and 75 participants virtually) from implementing countries, donor countries, technical partners, and World Bank project teams – to discuss state and trends of carbon pricing policy and market development and take stock of progress made in the implementation of PMI program activities in participant countries and regions.

This year's [PMIF Global Knowledge Forum](#), included the following main segments:

- July 5: PMIF Technical Workshop on Just Transition and Carbon Pricing
- July 6: PMIF Knowledge Exchange on Innovation for Climate Finance and Carbon Markets
- July 7: PMIF Information Sharing on Country & Regional Work Programs

Following the Forum, the PMIF held its first **PMIF Partnership Council Meeting** (afternoon of July 7).

Please see *Annex 1* for the detailed [agenda of the PMIF Global Knowledge Forum](#) and *Annex 2* for the list of participants.

	Day 1	Day 2	Day 3
	PMIF Forum Just Transition & Carbon Pricing	PMIF Forum	PMIF Forum
09:00	Opening Remarks (PMU)	Introduction PMIF and World Bank's Climate Programs	PMI country work programs
	Special session with Hosts (105 min)		Implementation Support Plans (90 min)
	Opportunities & Challenges for a JT (90 min)		Readiness Support Plans (75 min)
	Lunch	Lunch	Closing Remarks
13:00	Carbon Pricing Design & JT (60 min)	National framework for international carbon markets (75 min)	PMIF Partnership Council Meeting
	Way forward (90 min)	In-focus Region: Africa Private and blended finance to scale climate solutions	
17:30	Reception		

Summary of Sessions

Day 1 | PMIF Technical Workshop on Just Transition & Carbon Pricing

Special segment in collaboration with host, Government of Spain

Session 1. The role of a Just Transition and its nexus with carbon pricing

This session opened with an expert presentation by Ana Belén Sanchez from the Institute for Just Transition (ITJ) in Spain. She gave an overview on the just transition policies in Spain, how they are designed and implemented and what key take-aways are from the experiences so far. Her presentation was followed by Luca Lo Re from the International Energy Agency who summarized the key recommendations from the Global Commission on a people-centered clean energy transition, a high-level multi-stakeholder commission centered on questions of a just energy transition. The session concluded with reflections by Rocío García from Decarboost Latin America who emphasized the different challenges in developed versus developing countries, especially when it comes to investments and financing of a just transition.

Links to session presentations by:

- [Ana Belén Sanchez](#), Institute for a Just Transition (ITJ), Spain
- [Luca Lo Re](#), International Energy Agency (IEA)

Session 2. Opportunities and challenges for a Just Transition created by carbon pricing policies

This session started with an introductory presentation by Miguel Rescalvo, Neyen, explaining the concept of a just transition in its relation to carbon pricing policies and described its role and relevance for the design and implementation process of such policies. This was followed by a presentation by Xaquín García from the Basque Centre for Climate Change (BC3) in Spain, who showed the results of his investigation on just transition impacts of different policy measures comprised in the European climate change policy package “Fit-for-55”. Next, Malin Ahlberg from the Federal Ministry for Economic Affairs and Climate Action (BMWK) of Germany presented opportunities and challenges of incorporating just transition considerations in carbon pricing policies and highlighted several experiences and lessons-learned in Germany. The session closed with reflections by two regional experts: Eyüp Kaan Morali from the Ministry of Environment, Urban and Climate Change of Türkiye, who commented on the relevance and experience with just transition measures in his country. Finally, Oleksandr Sushchenko from UNDP Ukraine concluded by sharing his experience on the topic based on UNDP’s work in Ukraine.

Links to session presentations by:

- [Miguel Rescalvo](#), Neyen
- [Xaquín García](#), Basque Centre for Climate Change (BC3), Spain
- [Malin Ahlberg](#), Federal Ministry for Economic Affairs and Climate Action, Germany
- [Eyüp Kaan Morali](#), Ministry of Environment, Urban and Climate Change, Türkiye

Session 3. Carbon pricing design to support Just Transition goals

This session was comprised of two expert presentations that dealt with elements and strategies to be considered in the design and implementation of carbon pricing policies to integrate considerations for a Just Transition from the start and the aspects to consider depending on the carbon pricing instruments. First, Stefano de Clara from the International Carbon Action Partnership (ICAP) presented on the policy design for market-based carbon pricing instruments, focusing especially on Emissions Trading Systems (ETS). This was followed by a presentation by Rodrigo Pizarro from OECD, who explained the rationale and design aspects of carbon taxes, and subsidy removals, respectively.

Links to session presentations by:

- [Stefano de Clara](#), International Carbon Action Partnership (ICAP)
- [Rodrigo Pizarro](#), Organisation for Economic Co-operation and Development (OECD)

Session 4. Where do we stand and how to move forward in the PMI?

This session started with a brief overview of the topics and approaches the PMI implementing countries have presented in their funding proposals to the PMI, which was summarized by Marlen Goerner from the PMI Secretariat. The session continued with a panel discussion with participation from representatives from the United Kingdom, Colombia, Indonesia and Spain. Each country representative gave a brief overview of their respective understanding of the role and relevance of just transition consideration for carbon pricing policies in their countries and described policy plans and lessons learnt so far.

Links to session presentations by:

- [Marlen Goerner](#), PMI Secretariat, World Bank
- [Chris Shipley](#), Department of Business, Energy and Industrial Strategy, United Kingdom
- [Marco Murcia](#), Ministry of Environment and Sustainable Development, Colombia
- [Wisnu Murti](#), Ministry of Environment and Forestry, Indonesia

Day 2 | PMIF Knowledge Exchange on Innovation for Climate Finance & Carbon Markets

Session 1. Climate action, enabling environment and capacity building: overview of the World Bank's Climate Umbrella Programs

The session started with a synopsis on two of the Bank's three climate umbrella programs namely the Climate Support Facility (CSF) and the Climate Emissions Reduction Facility (CERF). The presentation started off by outlining the CSF's strategic priorities as well as its Whole-of-Economy approach to accelerating climate action. The next presentation was on the CERF – a new umbrella trust fund with the aim of consolidating all of the Bank's results-based climate finance work. The fund consolidates results-based climate action across three pillars: (1) natural climate solutions; (2) sustainable infrastructure solutions; (3) fiscal and financial solutions. The session included a panel discussion with representatives from donor and client countries as well as the World Bank. The panel discussed the challenge of scarce public climate finance in the face of growing needs of financing to achieve net zero targets and on avenues to utilize this scarce resource to leverage private financing for developing countries. Given the need to mobilize further private sector finance, the panel also discussed the utility of carbon markets to leverage private finance to meet the needs of developing countries, particularly on their readiness to access either voluntary or compliance carbon markets.

Links to session presentations by:

- [Luis Tineo](#), Climate Support Facility (CSF)
- [Jose Andreu](#), Climate Emissions Reductions Facility (CERF)

Session 2. End-to-end infrastructure ecosystem to support countries with mitigation policy implementation

The session started with a presentation on the end-to-end digital ecosystem for carbon markets and the Climate Warehouse metadata infrastructure. This included a number of World Bank activities, such as the opensource registry offering, d-MRV and tokenization engine that are currently being developed under the Climate Warehouse umbrella. This session included a panel discussion with the governments of Singapore, Senegal, and Japan as well as the UNDP Turkey Office. The panel highlighted the need to enhance transparency, integrity and trust in the carbon markets and the critical role of technology and infrastructure in delivering tangible solutions to enable the scale-up process of voluntary and compliance markets. The session also focused on how to support countries with Article 6 implementation through an end-to-end infrastructure ecosystem by considering the transaction costs, interoperability of technologies, capacity of countries and time it takes to implement.

Links to session presentations by:

- [Chandra S. Sinha](#), Senior Advisor, Climate Change Group, World Bank & [Gemma Torras-Vives](#), Climate Finance and Economics, World Bank
- [Yevgen Groza](#), United Nations Development Program (UNDP), Istanbul Regional Hub

Session 3. National level strategies and policy framework for international carbon markets

The session started with the brief update of the recently concluded SBSTA meetings in Bonn and highlights the remaining issues that needs to be resolved during the COP27 in Egypt. These include pending issues for the Article 6.2 (reporting tables and outlines for Article 6.2, infrastructure requirements, inclusion of ‘avoidance’ projects and accounting rules for LDCs/SIDS) and the Article 6.4 (roles of host party, inclusion of avoidance, SOP, OMGE, use of CERs for the first NDC etc). The session also updated the participants on the feedback that UNFCCC received on the capacity building needs. Followed by this, the session discussed about the institutional arrangements and policy frameworks that need to be put in place at national level and highlighted the importance of having appropriate strategies on infrastructure and ITMO pricing in addition to capacity building. The panel highlighted the need for pragmatic and leaner approach and to perform the needs assessment using tools like MAAP-ITR. Countries with carbon pricing instrument in place should have a clarity on the role of carbon pricing and carbon markets to meet the climate targets. South – South cooperation should be explored to learn from each other. The session also highlighted the inter-ministerial coordination with clarity on roles and responsibilities.

Links to session presentations by:

- [Perumal Arumugam](#), UN Climate Change Secretariat
- [Harikumar Gadde](#), PMI Management Unit, World Bank

Session 4. Mobilizing Private and Blended Finance to Scale Climate Solutions

The session started with a presentation on the state and trends of climate finance in Africa. This included outlining the current state of climate finance flowing to the continent as well as sizing the challenge in terms of detailing out the estimated financing needs for adaptation and NDCs implementation. The role of MDBs and avenues to leverage private/blended finance (such as the Green Finance Facility) was also discussed particularly as it relates to delivering climate finance to SMEs. The session also updated participants on opportunities to leverage blended finance to expand clean energy access in Africa. In addition, the role of international carbon markets as a viable source of climate financing was discussed. The session included a panel discussion with representatives from client countries and institutions namely, the West African Development Bank (BOAD), ECOWAS, and the government of Egypt. The BOAD and ECOWAS representatives highlighted the need to avail financing and improve the policy and regulatory framework for the off-grid solar market specifically in the West Africa region. With a focus on the agriculture sector, the representative from Egypt also emphasized the financing challenges faced by smallholder farmers and discussed the need to develop the capacity of farmers and MSMEs to increase their eligibility for green financing.

Links to session presentations by:

- [Audrey-Cynthia Yamadjako](#), African Development Bank (AfDB)
- [Luca Lo Re](#), International Energy Agency (IEA)
- [Toussaint Badolo](#), West African Development Bank (BOAD)
- [Elhadji Sylla](#), Economic Community of West African States (ECOWAS)
- [Reham Rizk](#), Ministry of Economic Development and Planning, Egypt

Day 3 | PMIF Information Sharing on Country & Regional Work Programs

Session 5. Session focused on Implementation Support Window participants

This session showcased plans of selected countries for implementing carbon pricing policies and instruments at the national and local level. Government representatives from Vietnam, Colombia, Kazakhstan, and Chile presented their Implementation Support Proposals (ISPs) and shared experiences on program structure and content with the PMIF community. Participants also shared their reflections on opportunities and challenges ahead.

Links to presentations by:

- [Nguyen Thanh Cong](#), Ministry of Natural Resources and Environment, Vietnam
- [Marco Murcia](#), Ministry of Environment & Sustainable Development, Colombia
- [Olzhas Agabekov](#), Ministry of Ecology, Geology and Natural Resources, Kazakhstan
- [Juan Pedro Searle](#), Ministry of Energy, Chile
- [Jeffrey Delmon](#), East Asia and Pacific Region, World Bank

Session 6. Session focused on Readiness Window participants

Government representatives from three PMI country participants – Bangladesh, Panama, and Senegal – presented their readiness plans, including their Readiness Support Proposals (RSPs), and shared experiences on program structure and content with the PMIF community. Participants also provided insights on opportunities and challenges ahead for readiness.

Links to presentations by:

- [Sanjay Bhowmik](#), Ministry of Environment, Forests & Climate Change, Bangladesh
- [Ana Moreno](#), Ministry of Environment, Panama
- [Mbaye Diagne](#), Afrique - Energie - Environment, Senegal

Closing of PMIF Knowledge Forum

Annex 1: PMIF Global Knowledge Forum Agenda

Day 1 | PMIF Technical Workshop on Just Transition & Carbon Pricing

Special segment in collaboration with host, Government of Spain	
9:00 – 9:20	<p>Opening session</p> <ul style="list-style-type: none"> • Valvanera Ulargui, Ministry for Ecological Transition and the Demographic Challenge, Spain • Philipp Ischer, State Secretariat for Economic Affairs, Switzerland, and Chair, Technical Advisory Group, Partnership for Market Implementation (PMI) • Venkata Putti, Partnership for Market Implementation Facility (PMIF), World Bank
<p>Session 1. The role of a Just Transition and its nexus with carbon pricing</p> <p>This session will feature a high-level discussion on experiences with Just Transition, featuring both Spanish experiences and the global state of the art. The session will highlight the relevance of a just transition for the design and implementation of carbon pricing policies.</p>	
9:20 – 10:45	<p>Expert presentation by Ana Belén Sánchez, Institute for a Just Transition (ITJ), Spain (25 min)</p> <p>Panel Discussion (60 min)</p> <p>Moderator: Miguel Rescalvo, Neyen</p> <ul style="list-style-type: none"> • Moustapha Kamal Gueye, International Labour Organization (ILO) • Luca Lo Re, International Energy Agency (IEA) • Rocío García, Decarboost Latin America <p>Q&A and discussion</p>
10:45 - 11:15	<p>Coffee Break</p>

PMI Technical Workshop on Just Transition & Carbon Pricing	
<p>Session 2. Opportunities and challenges for a Just Transition created by carbon pricing policies</p> <p>This session will provide an introduction to the concept of Just Transition. We will then circle in on its relevance for the PMI and the design and implementation of carbon pricing policies. We will discuss transformations that carbon pricing policies can trigger and the opportunities and challenges that arise with them.</p>	
11:15 – 12:45	<p><i>The role of a Just Transition in Carbon Pricing (15 min)</i></p> <ul style="list-style-type: none"> • Miguel Rescalvo, Neyen <p><i>Socioeconomic impacts of the European Green Deal and Just Transition measures (15 min)</i></p> <ul style="list-style-type: none"> • Xaquín García, Basque Centre for Climate Change (BC3), Spain <p><i>Opportunities and challenges of incorporating just transition considerations into carbon pricing policies (15 min)</i></p> <ul style="list-style-type: none"> • Malin Ahlberg, Federal Ministry for Economic Affairs and Climate Action, Germany <p>Reflections by regional experts and discussion (30 min)</p> <ul style="list-style-type: none"> • Eyüp Kaan Morali, Ministry of Environment, Urban and Climate Change, Türkiye • Oleksandr Sushchenko, United Nations Development Program (UNDP) Ukraine <p>Q&A and discussion</p>
12:45 – 14:15	Lunch Break
<p>Session 3. Carbon pricing design to support Just Transition goals</p> <p>While opportunities and challenges arising from carbon pricing policies are very context specific, several similar elements and strategies can be considered in the design and implementation of these policies to integrate considerations for a Just Transition from the start. In this session we will hear of different approaches that might be incorporated into the design of carbon pricing policies. Are there various aspects to consider for different carbon pricing instruments? How can the policy design process be designed in a way that paves the way for a just transition towards low-carbon economies and net-zero?</p>	
14:15 – 15:15	<p>Moderator: Marcos Castro, PMI Management Unit, World Bank</p> <p><i>Elements and considerations for Carbon Markets (20 min)</i></p> <ul style="list-style-type: none"> • Stefano de Clara, International Carbon Action Partnership (ICAP) <p><i>Elements and considerations for Carbon Taxes (20 min)</i></p> <ul style="list-style-type: none"> • Rodrigo Pizarro, Organisation for Economic Co-operation and Development (OECD) <p>Q&A and Discussion (20 min)</p>
15:15 – 15:45	Coffee Break

Session 4. Where do we stand and how to move forward in the PMI? <p>This session will circle in on the PMI. We will summarize the role of a Just Transition in country proposals. Tools that can support the decision-making process in favor of carbon pricing policies that include provisions for a just transition to decarbonization will be showcased. In the discussion we also want to hear from PMI members which dimensions of a just transition they have identified as crucial to a successful implementation and operation of carbon pricing instruments in their specific context? And how can different interests and needs be balanced, aligned or prioritized?</p>	
15:45 – 17:15	<p>Moderation and introductory presentation</p> <p><i>Just Transition in PMI proposals: Overview (15 min)</i></p> <ul style="list-style-type: none"> • Marlen Goerner, PMI Management Unit, World Bank <p><i>Operationalizing Just Transition in carbon pricing implementation work (15 min)</i></p> <ul style="list-style-type: none"> • Chris Shipley, Department of Business, Energy and Industrial Strategy, United Kingdom <p>Panel Discussion (60 min)</p> <ul style="list-style-type: none"> • Marco Murcia, Ministry of Environment and Sustainable Development, Colombia • Wisnu Murti, Ministry of Environment and Forestry, Indonesia • Ana Belén Sánchez, Institute for a Just Transition (ITJ), Spain <p>Q&A with the audience</p>
17:15 – 17:30	<p>Summary and way forward</p>
18:00	<p>Networking reception at the hotel rooftop bar</p>

Day 2 | PMIF Knowledge Forum

PMIF Knowledge Forum	
9:00 – 9:15	<p>Summary Day 1 and Introduction to Day 2</p> <ul style="list-style-type: none"> • Philipp Ischer, Chair, Technical Advisory Group to the PMI • Venkata Putti, Partnership for Market Implementation Facility (PMIF), World Bank
<p>Session 1. Climate action, enabling environment and capacity building: overview of the World Bank’s Climate Umbrella Programs</p> <p>This session will present the World Bank’s three umbrella programs on climate action, their enabling environments and capacity building programs and how they partner with countries to facilitate climate resilient deep decarbonization pathways towards net zero.</p>	

9:15 – 10:30	<p>Presentations (25 min)</p> <ul style="list-style-type: none"> • Luis Tineo, Climate Support Facility (CSF) • Jose Andreu, Climate Emissions Reductions Facility (CERF) <p>Reflections (30 min)</p> <ul style="list-style-type: none"> • Malin Ahlberg, Federal Ministry for Economic Affairs and Climate Action, Germany • Olga Yukhymchuk, Ministry of Environmental Protection & Natural Resources, Ukraine • Jeffrey Delmon, East Asia and Pacific Region, World Bank • Reham Rizk, Ministry of Economic Development and Planning, Egypt <p>Q&A with the audience (20 min)</p>
10:30 – 11:00	Coffee Break

Part 1: Innovation for Carbon Markets

Session 2. End-to-end infrastructure ecosystem to support countries with mitigation policy implementation

Article 6 of the Paris Agreement requires participating countries to have access to necessary infrastructure that supports tracking of mitigation activities, mitigation outcomes and transparency, along with capacity to meet different reporting requirements. This session discusses what such MRV/registries ecosystem would look like, progress so far, what countries are doing and how countries could get prepared for it.

11:00 – 12:30	<p>Moderator: Dirk Forrister, International Emissions Trading Association (IETA)</p> <p>Presentation (20 min)</p> <ul style="list-style-type: none"> • Chandra S. Sinha and Gemma Torras-Vives, World Bank <p>Panel discussion (50 min)</p> <ul style="list-style-type: none"> • Rui Yun Gan, National Climate Change Secretariat, Singapore • Mbaye Diagne, Afrique – Energie – Environnement, Senegal • Maiko Uga, Ministry of Environment, Japan • Yevgen Groza, United Nations Development Program (UNDP), Istanbul Regional Hub <p>Q&A session with audience (20 min)</p>
12:30 – 14:00	Lunch

Session 3. National level strategies and policy framework for international carbon markets

Given the expected active role by host countries to support market participants to access international carbon markets, it is essential that countries understand their role, requirements and how to operationalize those requirements through formulation of strategies and introducing needed policy frameworks. The session discusses core elements of policy frameworks are, strategies countries could introduce and early lessons with their implementation.

14:00 – 15:15	<p>Moderator: Chandra S. Sinha, World Bank</p> <p>Presentations (30 min)</p> <ul style="list-style-type: none"> • Perumal Arumugam, UN Climate Change Secretariat • Harikumar Gadde, PMI Management Unit, World Bank <p>Panel discussion (30 min)</p> <ul style="list-style-type: none"> • Philipp Ischer, State Secretariat for Economic Affairs, Switzerland • Juan Pedro Searle, Ministry of Energy, Chile • Fenella Aouane, Global Green Growth Institute (GGGI) <p>Q&A session with audience (15 min)</p>
15:15 – 15:45	Coffee Break
Part 2: In-focus Region: Africa	
<p>Session 4. Mobilizing Private and Blended Finance to Scale Climate Solutions</p> <p>This session focuses on the three-pronged approach of policy incentives, capacity building tools and financing instruments required to support the private sector, particularly SMEs which are drivers of growth in emerging markets, to adopt and scale climate solutions. The session includes a deep dive into the state and trends of SME climate financing in Africa, policy challenges and opportunities to unlock private and blended finance.</p>	
15:45 – 17:15	<p>Moderator: Timila Dhakhwa, Climate Finance and Economics, World Bank</p> <p>Overview presentations (35 min)</p> <ul style="list-style-type: none"> • <i>Overview of Climate Finance for SMEs in Africa</i> Audrey-Cynthia Yamadjako, African Development Bank (AfDB) • <i>Leveraging Climate Finance for Clean Energy Access in Africa</i> Luca Lo Re, International Energy Agency (IEA) • <i>The role of Financial Institutions in supporting SMEs to Scale Climate Solutions in Africa</i> Toussaint Badolo, West African Development Bank (BOAD) <p>Panel discussion (30 min)</p> <ul style="list-style-type: none"> • Elhadji Sylla, Economic Community of West African States (ECOWAS) • Reham Rizk, Ministry of Economic Development and Planning, Egypt <p>Q&A session with audience (25 min)</p>
17:15 – 17:30	Summary

Day 3 | PMIF Knowledge Forum (cont.)

Part 3: Information sharing on PMI country work programs	
Session 5. Session focused on Implementation Support Window participants	
This session will showcase some of the <i>Implementation Support Proposals (ISPs)</i> to allow for sharing experiences on program structure and content with the PMIF community.	
9:00 – 10:30	<p>Moderator: Marlen Goerner, PMI Program Management Unit, World Bank</p> <p>Country presentations (12 min each)</p> <ul style="list-style-type: none"> • Nguyen Thanh Cong, Ministry of Natural Resources and Environment, Vietnam • Marco Murcia, Ministry of Environment & Sustainable Development, Colombia • Olzhas Agabekov, Ministry of Ecology, Geology and Natural Resources, Kazakhstan • Juan Pedro Searle, Ministry of Energy, Chile <p>Reflections on opportunities and challenges ahead by:</p> <ul style="list-style-type: none"> • Stefano di Clara, International Carbon Action Partnership (ICAP) • Jeffrey Delmon, East Asia and Pacific Region, World Bank <p>Q&A session with audience</p>
10:30 – 11:00	Coffee Break
Session 6. Session focused on Readiness Window participants	
This session will showcase some of the <i>Readiness Support Proposals (RSPs)</i> to allow for sharing experiences on program structure and content with the PMIF community.	
11:00 – 12:15	<p>Moderator: Marcos Castro, PMI Program Management Unit, World Bank</p> <p>Country presentations (12 min each)</p> <ul style="list-style-type: none"> • Sanjay K. Bhowmik, Ministry of Environment, Forests & Climate Change, Bangladesh • Ana Moreno, Ministry of Environment, Panama • Mbaye Diagne, Afrique – Energie – Environment, Senegal <p>Reflections on opportunities and challenges ahead by:</p> <ul style="list-style-type: none"> • Fenella Aouane, Global Green Growth Institute (GGGI) • Gerrit Held, European Bank for Reconstruction and Development (EBRD) <p>Q&A session with audience</p>
12:15 – 12:45	<p>Closing of PMIF Knowledge Forum</p> <ul style="list-style-type: none"> • Ignacio Sánchez, Ministry for Ecological Transition & the Demographic Challenge, Spain • Jennifer Sara, Global Director, Climate Change, World Bank
12:45 – 14:00	Lunch

Annex 2: List of Participants

More than 70 participants attended PMIF's Forum in person. In addition, through the live streaming 75 participants connected from 17 countries.

I. PMIF Implementing Countries

Country	Representative	Position	Affiliation
Bangladesh	Mr. Sanjay Kumar Bhowmik	Additional Secretary	Ministry of Environment, Forests and Climate Change
Bangladesh	Mr. Md. Harun-Or-Rashid	Deputy Director (International Convention) Department of Environment, Headquarters	Department of Environment
Botswana	Mr. Edwin Itshekeng	Chief Economist	Ministry of Finance
Chile	Mr. Juan Pedro Searle	Head, Climate Change Unit	Ministry of Energy
China	Mr. Liu Wenbo	Coordinator, China PMI Project, Department of Climate Change	Ministry of Ecology and Environment
Colombia	Mr. Marco Murcia	PMI Technical Specialist	Ministry of Environment & Sustainable Development
Guinea	Mr. Perna Guilavogui	Advisor in charge of Planning, Economic and Monetary Affairs	Ministry of Economy, Finance and Planning
Indonesia	Mr. Wisnu Murti	Directorate of Sectoral and Regional Resources Mobilization	Ministry of Environment and Forestry
Kazakhstan	Mr. Olzhas Agabekov	Director, Climate Change Policy & Green Technologies	Ministry of Ecology, Geology and Natural Resources
Malaysia	Mr. Kamarul Ariffin bin Zakaria	Principal Assistant Secretary, Tax Division	Ministry of Finance
Montenegro	Mr. Ranko Lazović	Legal Adviser, Climate Change Division	Ministry of Ecology, Spatial Planning and Urbanism
Pakistan	Ms. Syeda Hadika Jamshaid	Advisor, Climate Change Directorate	Ministry of Climate Change (MoCC)
Panama	Ms. Ana Carolina Moreno	Climate Change Mitigation Specialist	Ministry of Environment
Senegal	Mr. Papa Lamine Diouf	Mitigation Program officer on Climate Change Division	
Senegal	Mr. Mbaye DIAGNE	Head	Afrique – Energie – Environment
Turkey	Mr. Eyüp Kaan Morali	Head, Carbon Market Department	Ministry of Environment, Urban and Climate Change

Ukraine	Ms. Olga Yukhymchuk	Head, ETS Implementation Division, Climate Change	Ministry of Environmental Protection & Natural Resources
Vietnam	Mr. Nguyen Thanh Cong	Official, Division of Economics & Information on Climate Change	Department of Climate Change

II. PMIF Contributing Countries

Country	Representative	Position	Affiliation
PMI MDTF			
Australia	Mr. Peter Elder (<i>remote</i>)	Director	Department of Foreign Affairs and Trade
Canada	Mr. Adam Priban (<i>remote</i>)	Economic Advisor	Environment and Climate Change Canada
Canada	Mr. Lukas Van Arragon (<i>remote</i>)	Climate Finance Analyst	Global Affairs Canada
European Commission	Ms. Corina Mocanu (<i>remote</i>)	Policy Officer	DG Climate Action
Finland	Ms. Saana Ahonen	Senior Advisor	Ministry of Foreign Affairs
Germany	Ms. Malin Ahlberg	Policy Advisor Carbon Markets	Federal Ministry for Economic Affairs and Climate Action
Japan	Ms. Maiko Uga	Section Chief, International Cooperation	Ministry of Environment
Japan	Ms. Akibi Tsukui	Policy Researcher	Institute for Global Environmental Strategies
Spain	Ms. Teresa Solozabal	Carbon Markets Subdirector, Spanish Climate Change Office	Ministry Ecological Transition & Demographic Challenge
Spain	Ms. Valvanera Ulargui		Ministry for Ecological Transition and the Demographic Challenge
Spain	Mr. Ignacio Sanchez		Ministry for Ecological Transition and the Demographic Challenge
Spain	Mr. Ramón Lopez		Ministry of Economy
Spain	Ms. Marta Mulas		Ministry of Economy
Sweden	Ms. Marina Ädel	Programme Manager	Swedish Energy Agency

Sweden	Mr. David Newell	Programme Manager	Swedish Energy Agency
Switzerland	Mr. Philipp Ischer	Programme Manager	State Secretariat for Economic Affairs
United Kingdom	Mr. Chris Shipley	Head, Global Carbon Markets	Department of Business, Energy and Industrial Strategy
United Kingdom	Ms. Elspeth McGowan	Programme Manager	Department of Business, Energy and Industrial Strategy
CF-Assist TF			
Spain	Ms. Arantazu Mojarrieta	Carbon Markets Subdirectoriate, Spanish Climate Change Office	Ministry Ecological Transition & Demographic Challenge

III. PMIF Technical Partners

Jurisdiction	Representative	Position	Affiliation
Brazil	Mr. Alexandre Ywata	Secretary of Infrastructure development	
Egypt	Dr. Reham Rizk	Head of Social Planning and Development Unit	Ministry of Economic Development and Planning
Singapore	Mr. Rui Yun Gan	Senior Manager, Economic Research	National Climate Change Secretariat
Representative		Position	Affiliation
Mr. Andrey-Cynthia Yamadjako		Senior Climate Finance Officer	African Development Bank (AfDB)
Mr. El hadji Sylla		Senior Advisor	Economic Community of West African States (ECOWAS)
Mr. Gerrit Held		Associate, Carbon Markets & Climate Finance	European Bank for Reconstruction and Development (EBRD)
Ms. Fenella Aouane		Head of Carbon Pricing Global Practice and a Deputy Director	Global Green Growth Institute (GGGI)
Mr. Luca Lo Re		Environment and Climate Change Analyst	International Energy Agency (IEA)
Mr. Dirk Forrister		President & CEO	International Emissions Trading Association (IETA)
Mr. Stefano de Clara		Head of Secretariat	International Carbon Action Partnership (ICAP)
Mr. David Hynes			International Carbon Action Partnership (ICAP)
Mr. Rodrigo Pizarro		Program Manager, International Program for Action on Climate	Organisation for Economic Co-operation & Development (OECD)

Mr. Toussanunt Badolo	ROGEAP PIU Coordinator	West African Development Bank (BOAD)
Mr. Perumal Arumugam	Team Lead, Regulatory Development	UNFCCC Secretariat
Ms. Ana Belen Sanchez	Advisor	Spanish Institute for a Just Transition
Mr. Xaquín García	Post-doctoral Researcher	Basque Centre for Climate Change
Ms. Rocío García	Technical Coordinator, Latin America	Decarboost LAC
Mr. Miguel Rescalvo	Co-founder	Neyen.io
Mr. Oleksandr Sushchenko	Programme Specialist	United Nations Development Programme (UNDP)
Mr. Levgenii Groza	Programme Specialist	United Nations Development Programme (UNDP)
Mr. Moustapha Kamal Gueye	Global Coordinator	International Labour Organization (ILO)

IV. PMI Management Unit and World Bank country teams

Bank team	Name	PMIF programs	Name
SCC Global Director	Ms. Jennifer Sara	SCCMI Program Manager	Mr. Venkata Ramana Putti
SCCAO Program Manager	Mr. Luis Tineo	SCCMI	Ms. Panida Srithong
SCCFM Program Manager	Mr. Jose Andreu	A6/Climate Warehouse	Mr. Chandra S. Sinha
EAP Region	Mr. Jeffrey Delmon	A6/Climate Warehouse	Ms. Gemma Torras Vives
PMI Bangladesh	Mr. Partha Nath	PMI PMU	Mr. Harikumar Gadde
PMI Indonesia	Ms. Andhta Firselly Utami	PMI PMU	Mr. Marcos Castro
PMI Turkey	Ms. Yasemin Orucu	PMI PMU	Mr. Marlen Goener
PMI Chile/ Panama	Ms. Ines Perez	CwA	Ms. Timila Dhakhwa
PMI Kazakhstan	Ms. Qing Wang	CwA	Ms. Mitik Ayalew Zegey
PMI Ukraine	Ms. Silvia Martinez		