

PMR TECHNICAL WORKSHOP

Building Registries to Support the Next Generation of Carbon Markets

AGENDA

September 23-25, 2015 | Sacramento, California

As a number of countries and sub-nationals are starting to implement market-based programs, comprehensive registry infrastructure will be needed to support the issuance, transfer, and cancellation/retirement of the carbon units generated by these programs, as well as ensure robust GHG accounting at domestic and international levels. The process of setting up registries can require a great deal of human capacity and financial resources, making it essential for countries pursuing market-based policies to adequately plan and account for specific technical, legal, administrative and operational requirements needed to effectively develop and implement registries.

Against this backdrop, the World Bank's Partnership for Market Readiness (PMR) is supporting countries in identifying their individual registry needs and provide step-by-step guidance on registry development and management.

The workshop "*Building Registries to Support the Next Generation of Carbon Markets*" will bring together experts and policy-makers from various jurisdictions and organizations with the following objectives:

⇒ **Exchange insights and lessons learned on the legal, institutional and administrative issues related to registry development**

Experts involved in the preparation of the PMR upcoming report "*Guidance on Transaction Registry Development and Management*"¹ will share and seek feedback on their findings. Some of those are also reflected in the three "[Workshop Background Papers](#)" which were circulated to participants in preparation for the workshop.

⇒ **Discuss potential options available for countries to build robust registry infrastructure in support to the next generation of carbon markets**

Practical case studies will be considered, in particular focusing on countries that are seeking to leverage existing international offset programs and their registries in their own country programs. The issues and options presented in the PMR Technical Note "[Options to Use Existing International Offset Programs in a Domestic Context](#)" will be further analyzed. Participants will also discuss options to connect registries in the context of the future of international carbon markets, and reflect on key registry components and practices to ensure the integrity and robustness of these markets.

¹ Jointly prepared with the World Bank's Forest Carbon Partnership Facility (FCPF).

DAY 1

OPENING AND INTRODUCTION	
8:30	Registration
9:00	<ul style="list-style-type: none"> • Welcome and Workshop Introduction <ul style="list-style-type: none"> - <i>Adrien de Bassompierre, PMR Coordinator, World Bank Group</i> - <i>Edie Chang, Deputy Executive Officer, California Air Resources Board</i> • Presentation of the Agenda and Objectives <ul style="list-style-type: none"> - <i>Pierre Guigon, PMR Secretariat</i>
9:15	<ul style="list-style-type: none"> • Tour de Table <p>Participants will be invited to present their country or subnational delegation, share insights on the status of registry developments or plans, and express expectations for the workshop.</p>
I. BUILDING REGISTRIES: LEGAL, INSTITUTIONAL AND TECHNICAL CONSIDERATIONS	
<p>On this first day of the workshop, experts will share insights and lessons learned on the legal, institutional, and technical issues related to registry development – based on existing experience. Findings of the three Workshop Background Papers will be presented to participants for their feedback and further discussion.</p>	
SETTING THE LEGAL FRAMEWORK FOR TRANSACTION REGISTRIES	
9:30	<p><i>Moderator: Adrien de Bassompierre, PMR Secretariat</i></p> <ul style="list-style-type: none"> • Overview Presentation on Legal Approaches <ul style="list-style-type: none"> - <i>Peter Zaman, Reed Smith</i> (see Background Paper No.1) • Q&A
10:15	Coffee break
10:45	<ul style="list-style-type: none"> • Case Studies <ul style="list-style-type: none"> - California – <i>Edie Chang, California Air Resources Board</i> - Alberta – <i>John Storey-Bishoff, Alberta Environment and Parks</i> - Germany and EU – <i>Verena Seemann, German Federal Environment Agency</i> • Q&A and Discussion

12:00	LUNCH BREAK
SETTING THE INSTITUTIONAL FRAMEWORK FOR TRANSACTION REGISTRY ADMINISTRATION	
13:30	<p><i>Moderator: Pauline Kennedy, PMR Secretariat</i></p> <ul style="list-style-type: none"> • Overview Presentation on Registry Administration & Institutional Approaches <ul style="list-style-type: none"> - <i>Frederic Dinguirard, Registry Expert (see Background Paper No.2)</i> • Case Studies <ul style="list-style-type: none"> - <i>China – Zhang Xiaoguang, Sinocarbon</i> - <i>California – Charles Seidler, California Air Resources Board</i> - <i>UNFCCC – Jean-Francois Halleux, UNFCCC</i> • Discussion and Q&A
15:00	Coffee break
DEVELOPING THE TECHNICAL INFRASTRUCTURE FOR TRANSACTION REGISTRIES	
15:30	<p><i>Moderator: Pierre Guigon, PMR Secretariat</i></p> <ul style="list-style-type: none"> • Overview Presentation on Technical Approaches <ul style="list-style-type: none"> - <i>Frederic Dinguirard, Registry Expert (see Background Paper No.3)</i> • Case Studies <ul style="list-style-type: none"> - <i>China – Zhang Xiaoguang, Sinocarbon</i> - <i>Thailand – Chessada Sakulku, Thailand GHG Management Organization</i> - <i>Kazakhstan – Dmitriy Kovalev, Ministry of Energy</i> • Discussion and Q&A
17:00	<ul style="list-style-type: none"> • Break-out Group Discussions: Meet the Experts <p>Participants will have the opportunity to hold bilateral and/or group exchanges with speakers and other participating experts (e.g. registry providers) to come back to some of the issues covered during the first day, and gather further advice on some of the specific challenges facing their own jurisdictions.</p>
18:30	Wrap-up

** COCKTAIL RECEPTION IN THE CAPITOL VIEW ROOM (15th FLOOR) FROM 7PM **

DAY 2

II. ALIGNING REGISTRIES WITH SPECIFIC POLICY NEEDS	
<p>The second day of the workshop will focus on registry design and implementation in accordance with the supported policy approaches, in particular highlighting variability elements in emerging mechanisms. Based on the findings of the PMR Technical Note "Options to Use Existing International Offset Programs in a Domestic Context", participants will be invited to discuss possible arrangements and implications for jurisdictions which are seeking to leverage existing international offset programs (i.e. CDM, VCS, CAR) and supporting registries in their own programs.</p>	
ONE SIZE <i>DOES</i> NOT FIT ALL: ADAPTING REGISTRIES TO THE POLICY THEY SUPPORT	
9:00	<p><i>Moderator: Adrien de Bassompierre, PMR Secretariat</i></p> <ul style="list-style-type: none"> • Key Considerations <ul style="list-style-type: none"> - <i>Pierre Guigon, PMR Secretariat</i> • Application to Emerging Mechanisms <ul style="list-style-type: none"> - Transitioning from Pilots to National ETS in China – Zhang Zhiqiang, <i>National Center for Climate Change Strategy and International Cooperation (NCSC)</i> - REDD+ and Registry Considerations – <i>Charlie Parker, Climate Focus</i> • Q&A
10:15	Coffee break
10:45	<ul style="list-style-type: none"> • Break-out Group Exercise: What Registry Framework for What Mechanism? <p>Participants will be divided into break-out groups to work on different case-studies reflecting a variety of market-based programs (e.g. ETS, sectoral crediting, etc.) and discuss suitable arrangements for the supporting registry infrastructure, regulatory and institutional frameworks.</p>
12:30	LUNCH BREAK

LEVERAGING EXISTING REGISTRY INFRASTRUCTURE: APPLICATION TO OFFSET PROGRAMS	
14:00	<p>Moderator: <i>Pauline Kennedy, PMR Secretariat</i></p> <ul style="list-style-type: none"> • Overview Presentation on Scenarios and Registry Arrangements <ul style="list-style-type: none"> - <i>Derik Broekhoff, Stockholm Environment Institute</i> • Case Studies <ul style="list-style-type: none"> - Mexico – <i>Soffia Alarcon Diaz, Secretariat of Environment and Natural Resources</i> - South Africa – <i>Memory Machingambi, National Treasury</i> • Discussion and Q&A
15:15	Coffee break
15:45	<ul style="list-style-type: none"> • Expert Presentations from Different Offset Registries and Programs <ul style="list-style-type: none"> - CDM Registry and Voluntary Cancellation – <i>Jean-Francois Halleux, UNFCCC</i> - Verified Carbon Standard – <i>John Holler, VCS</i> - Climate Action Reserve – <i>Rachel Tornek, CAR</i> • Discussion and Q&A
17:00	<ul style="list-style-type: none"> • Break-out Group Discussions: Registry Implications of Using Existing International Programs <p>Participants will be divided into break-out groups to study different case studies, define potential registry options, and assess the technical, administrative/operational and legal implications of the proposed arrangements.</p>
18:30	Wrap-up

DAY 3

III. CONNECTING CARBON MARKETS THROUGH REGISTRIES	
<p>The third day of the workshop will discuss key components of robust registry frameworks, as well as options to connect them. In particular, participants will be invited to exchange views on those issues in the context of international carbon markets.</p>	
9:00	<p>Moderator: <i>Pierre Guigon, PMR Secretariat</i></p> <ul style="list-style-type: none"> • Expert Presentation of Registry Connectivity Options <ul style="list-style-type: none"> - <i>Frederic Dinguirard, Expert</i> • Case Studies <ul style="list-style-type: none"> - Data Exchange Standards (DES) & International Transaction Log (ITL) – <i>Jean-Francois Halleux, UNFCCC</i> - China – <i>Zhang Xiaoguang, Sinocarbon</i> - California – <i>Jason Gray, California Air Resources Board</i> • Discussion and Q&A
10:30	<p>Coffee break</p>
11:00	<ul style="list-style-type: none"> • Break-out Group Discussions: Key Components of a Robust Registry Framework <p>Building on the workshop discussions, participants will be divided into break-out groups and discuss key characteristics that are needed for the development and implementation of robust registry frameworks, in particular to ensure the credibility, reliability and cost-effectiveness of the markets they support.</p>
12.30	<ul style="list-style-type: none"> • Workshop Conclusion <ul style="list-style-type: none"> - <i>Feedback on the Workshop</i> - <i>Next Steps for the PMR Technical Work Program on Registries</i> • Closing remarks <ul style="list-style-type: none"> - <i>Adrien de Bassompierre, PMR Coordinator, World Bank</i> - <i>Rajinder Sahota, Chief, Cap-and-Trade Program, California Air Resources Board</i>
13:00	<p>LUNCH</p>