



## **Status Update on Activities of the Technical Work Program**

PMR Note PA13 2015-1

October 29, 2015

## I. INTRODUCTION

1. Through the development of their Market Readiness Proposals, Implementing Country Participants have identified the gaps in their technical and institutional capacities needed to scale-up their mitigation efforts, and to design and implement their carbon pricing policies. The Technical Work Program complements Participant's readiness activities by providing support in a programmatic manner on those elements that are common across countries. Its objectives are to facilitate experience and knowledge sharing; develop practical guidance on common issues; identify good practice and common standards; and to help build necessary capacity.

2. At the twelfth Meeting of the Partnership Assembly (PA12), the Partnership Assembly (PA) approved the FY16 work plan of the Technical Work Program (PMR Note PA12 2015-2). At that time, the PMR Secretariat undertook to periodically report back to the PA on the status of activities under the Technical Work Program and seek further guidance on its activities throughout the year. This note (PMR Note PA12 2015-1) provides a status update on the activities of the Technical Work Program that have occurred since PA12. The PA is invited to provide feedback on the activities to date and offer guidance on the future work program.

## II. STATUS UPDATE ON FY16 ACTIVITIES

3. The FY16 work plan is designed to support all of the carbon pricing instruments that Implementing Countries are pursuing, including emissions trading schemes, carbon taxes, and crediting instruments - both scaled-up and project-based offset instruments. Some activities are focused on a particular type of instrument but others are focused on a technical component that will be relevant to more than one type of instrument. The work plan also includes a range of different types of activities (see annex I for further details). This section reports on the status of FY16 activities agreed at PA12 according to the different work streams.

### A. ETS work stream

4. Work on the ETS Handbook has progressed substantially since PA12. This 'how to' handbook will address the practicalities of establishing and operating an Emissions Trading System (ETS). It will also capture the substantial international experience including in Australia, China, the European Union (EU), Kazakhstan, New Zealand, North America, and Republic of Korea. The first draft of the ETS Handbook will be circulated to the PMR and ICAP Participants in mid-December 2015, requesting review and feedback by the end of January 2016.

5. The Handbook is expected to be completed and published in Q1 2016. A joint PMR/ICAP event will be organized for its launch, and will coincide with a broader World Bank carbon pricing event planned to be held in Switzerland in March 2016.

6. The **E-learning** course '*Emissions Trading Systems: Using Markets to Promote Low Emissions Development*' developed in FY14 in collaboration with the Carbon Finance-Assist (CF-Assist) program, will continue to be offered during FY16. Registrations for the facilitated **E-learning** course to be held from

November 24, 2015 to December 16, 2015 are now open. Interested Participants should apply at the following link: <http://einstitute.worldbank.org/ei/course/emissions-trading-schemes-using-markets-promote-low-emissions-development>. A further facilitated session is planned for April 2016. If unable to undertake the course at the scheduled sessions, Participants can take the course at any time on their own. The PMR Secretariat proposes to update the **E-learning** course to incorporate material from the ETS Handbook as appropriate early in 2016.

**B. Carbon tax work stream**

7. Work has progressed on the Carbon Tax Guide that will provide step-by-step guidance on the design of carbon taxes. The PMR Secretariat will shortly initiate a procurement process to engage a consultant to assist in the preparation of the Carbon Tax Guide. It is expected that the guide will be finished early in 2016, in time for the planned carbon pricing event in March 2016.

8. The Carbon Tax Guide will cover all main design elements of a carbon tax, including an introduction to the basic concept and summary of the main developments around the world; determining the objectives and framework for assessing tax design options; defining the tax base; determining the tax rate; tax credits and exemptions; potential use of offsets; use of revenue; processes for measuring, reporting and verification of tax liabilities and compliance arrangements; and legal architecture, governance and institutions.

9. The Guide will be empirically rich and capture relevant experience from those countries and jurisdictions that have designed and implemented a carbon tax, including: Alberta, British Columbia, Chile, Costa Rica, Denmark, Finland, France, Iceland, Ireland, Japan, Mexico, Norway, Quebec, South Africa, Sweden, Switzerland, and the United Kingdom. As with the ETS Handbook, the intention is to interview practitioners in order to capture first-hand information and practical real-life experience.

10. The PMR Carbon Tax Working Group will assist the PMR Secretariat in providing input and guidance on the Carbon Tax Guide. The Working Group will be invited to comment on the outline and drafts of the guide. As is normal practice, the PA will have an opportunity to comment on the final draft before it is released publically.

11. The Technical Work Program is also supporting Chile with the technical implementation of its carbon tax. Expert consultants have been engaged to work with Chile on the detailed definition of which plants will be subject to the tax. The experience and lessons learnt by Chile in defining its carbon tax liability arrangements is expected to be of value to other PMR Participants. A practical case study drawing on this experience will be prepared and will be incorporated into the Carbon Tax Guide.

12. An **e-learning** course on the design of carbon taxes, similar to that which was prepared on emissions trading is also planned. It will draw largely on the Carbon tax Guide, providing the material in a pedagogical format. As such, detailed work will commenced when the Carbon Tax Guide is sufficiently developed.

### C. *Offsets and Crediting work stream*

13. It was agreed that in FY16 the focus of the offsets work stream would be broadened to explicitly capture issues relevant to scaled-up crediting approaches, reflecting that many issues are cross-cutting and to progress the PMRs work on crediting-related activities. This section provides an update of the offsets and crediting work stream.

14. The PMR **technical note** “*Options to Use Existing International Offset Programs in a Domestic Context*” was finalized and publically released in August 2015. It can be accessed on the [PMR website](#). One important aspect of the framework relates to registry arrangements. A dedicated session was included in the recent registry workshop held in California (see section E below for further details) to explore the issues in more detail. Participants also had an opportunity to engage directly with representatives from several of the International offset programs to further consider options for using those offset programs. Participants are encouraged to inform the PMR Secretariat if they are interested in further assistance in applying the framework to their national circumstance.

15. Scoping is underway of a new **technical note** that will provide comprehensive guidance for policy makers designing domestic offset instruments (the Offsets Guide). This note would complement and build on the other technical notes, literature, and international experience. The PMR Secretariat proposes to partner with USAID who has prepared such guidance for Kazakhstan that intends to develop a domestic offset program to complement its emissions trading scheme. The PMR Secretariat intends to initiate a procurement process to engage a consultant before the end of the calendar year.

16. Similarly, work on the second **technical brief** on the topic of ‘additionality’ is well underway. The topic was identified as relevant by the PMR Offset Working Group. The brief explores the evolution of additionality, starting with a summary of the concept and its application under a Kyoto Protocol governed world, considering how additionality has been applied in today’s heterogeneous carbon markets and evaluating the implications for new crediting approaches including in the post-2020 context. A draft for review by the Offset and Crediting Working Group is expected to be completed by the end of October, with the brief finalized in November.

17. The PMR study “*Crediting-related activities under the PMR: Status and support for implementation*” was also finalized and published in August 2015. It can be assessed on the [PMR website](#). Uncertainty remains on the role of crediting instruments in the future international climate change regime. However, with a growing number of iNDCs being submitted, some countries have confirmed their intention to explore crediting instruments as part of the broad set of climate policies and actions. The scale of crediting is of essence, with a strong interest to design and implement crediting beyond project-by-project approaches, to ensure larger, transformative mitigation impacts domestically. In this context, the Technical Work Program will facilitate sharing of knowledge and emerging best practices between PMR countries with different levels of experience with crediting.

18. As agreed at PA12 the Technical Work Program will prepare guidance on emerging practices for scaled-up crediting (the Crediting Guide). The guidance will follow the comprehensive approach adopted for other instruments (ETS, carbon tax and offset programs). Recognizing the novelty of scaled-up

crediting, the document will compile leading thoughts on the design elements for scaled-up crediting programs, supported by practical experiences on the ground as they emerge. The work on the guidance will start with the preparation of three individual, but closely linked technical briefs on main design elements that will later be incorporated into the full guidance note :

- Technical brief #1: Assessment and creation of demand and financing mechanisms for crediting-related programs (expected to be completed by April 2016);
- Technical brief #2: Baseline setting at the aggregate level in the context of broader policy development (expected to be completed by June 2016);
- Technical brief #3: MRV approaches beyond facility-level (for example, in transport, residential communities), including MRV of policy-driven mitigation actions (expected to be completed by October 2016).

19. The PMR Secretariat is currently scoping the Crediting Guide and preparing the terms of reference for these technical briefs. A consultant(s) will be engaged to help prepare the briefs. The Offsets and Crediting Working Group will assist the PMR Secretariat in providing input and guidance on the technical briefs and full guidance note. As is normal practice, the PA will also have an opportunity to comment on the final drafts before they are released publically.

20. A workshop or a series of regional workshops are also proposed for mid-2016 bringing together PMR Participants, other leading crediting experts and relevant organizations. The workshop(s) will provide an opportunity to discuss the crediting instruments that are being pursued and explored by PMR Participants, including the role these are expected to play in the broader national climate policy context; to share experiences as PMR countries start to implement their readiness activities related to crediting instruments, and to provide an opportunity to explore in more detail different potential sources of demand both domestic and international, including climate finance options. The workshop(s) will also provide an opportunity to shape and enhance work on the Crediting Guide.

#### **D. Monitoring, Reporting and Verification (MRV)**

21. The *'Guide for Designing Mandatory GHG Reporting Programs'* was released in May 2015. It can be accessed on the [PMR website](#). The focus in FY16 has been and will continue to be on dissemination of the guide. To this end, the PMR Secretariat in collaboration with World Resources Institute (WRI) hosted three **webinars** in June, 2015 to present the guide to a wide audience. The webinars were a success with over 150 people from around the world participating.

22. During the IV Regional LEDS LAC Workshop held in the Dominican Republic on the 12-13 October, 2015, the World Bank Group and the PMR in collaboration with International Partnership on Mitigation and MRV and WRI lead a 3 hour **training** session on MRV and Greenhouse Gas Reporting Programs. The session draw heavily on the guide. The session was well received with [X] people participating.

23. Following specific feedback and demand, the guide will be translated into Spanish. This should help to further disseminate the guide and make it more accessible for Spanish speaking policy makers and practitioners. There would be scope to translate the guide into other languages if demanded.
24. The PMR Secretariat can also facilitate country or regional specific activities to help Participants better understand the guide and apply the guidance to their national circumstance. Participants are encouraged to inform the PMR Secretariat if they are interested in such support.
25. The preparation of an **e-learning** course focusing on mandatory GHG reporting programs is also well underway. The first facilitated course is expected to be held before the end of 2015 and a second course held before end FY16. The course will be free and open to all. It will draw heavily on the design guide but make the material more accessible in a pedagogical format.
26. Three additional MRV activities are planned for FY16: a new **technical note** on verification and accreditation systems; a **technical note** on establishing GHG measurement protocols; and a template for describing and comparing different MRV systems will be prepared. Scoping for these new knowledge products is underway. The PMR Secretariat intends to engage consultants to assist with the development of these knowledge products. The PMR Secretariat will consult with the MRV Working Group and seek their input during the projects.
27. The Technical Work Program is also providing support to South Africa on the technical implementation of its MRV system that will support the carbon tax. South Africa is in the process of developing regulation and technical guidelines to support its mandatory emission reporting program. The PMR has engaged international and domestic experts to provide advice and support to South Africa. The experience and lessons learnt by South Africa in developing its MRV arrangements are expected to be of value to other PMR Implementing Countries that plan to undertake similar activities. The South African experience will therefore be developed into a case study.

#### **E. Data management and registries**

28. The two practical guidance reports planned for FY16 are well under way and are expected to be finalized by Q1 2016 after peer-review and consultation with PMR Participants:
- *Guidance on the Development of GHG Data Management Platforms for Corporate/Facility Level Reporting:* This **technical note** is intended to complement the ‘*Design Guide for Mandatory GHG Reporting Programs*’ and provide more specific guidance with respect to designing and implementing platforms for reporting facility/corporate-level GHG emissions data (i.e., “GHG registries”). A consultant has been engaged, with the first draft of the report to be circulated to the PMR MRV Working Group for review in October 2015. The final report incorporating feedback from the PMR MRV Working Group and other experts is expected to be published in January 2016.
  - *Guidance on Transaction Registry Development and Management:* This technical note is targeted to countries planning to develop or enhance a transaction registry (the system that processes the issuance of carbon assets and supports their transfer between account holders within the registry

and to other linked registries). The technical note is being jointly developed with the World Bank's Forest Carbon Partnership Facility (FCPF) and is intended to support countries in identifying their individual registry needs and to adequately plan for specific functional, technical, legal, administrative, and regulatory developments. Early findings of the technical note are available in three [Workshop Background Papers](#) which were presented and discussed at the technical workshop (see below for more details). Feedback received from participants and experts will be incorporated in to the final report, expected to be published by February 2016.

29. A Technical Workshop "Building Registries to Support the Next Generation of Carbon Markets" was held on 22-25 September 2015 in Sacramento, California. It was attended by over 60 participants from more than 20 countries and subnational jurisdictions participating in the PMR – including key registry experts and practitioners from various government agencies, international organizations (e.g., UNFCCC, GIZ, USAID), NGOs (e.g., Environmental Defense Fund) and the private sector (e.g., registry providers) capturing most of the registry experience in existing carbon markets (EU, China, California, Alberta, CDM and voluntary programs).

30. The objectives of the workshop were to: exchange insights and lessons learned on the technical, institutional and regulatory issues related to registry development; build capacity on registry issues for countries pursuing market-based policies; analyze potential options available for countries to build and connect robust registries to support future carbon markets; and explore further activities for the PMR on registries. Participants provided an average rate of 4.7/5 on the overall usefulness of the workshop through the participant survey. The workshop's materials and presentations are available on the [PMR website](#).

#### **F. Baselines**

31. The PMR Secretariat is collaborating with the UNFCCC, UNDP, UNEP, WRI, GIZ, and FAO on the development of a Compendium on Baselines that will build on the PMR's previous work on baselines. The Compendium will provide generic approaches to baseline setting that can be applied to mitigation action at different levels (national, regional, sectorial, or facility-level actions) and provide links to data sources where more detailed guidance can be obtained. Specifically the information will provide an overview of different approaches used to project baseline emissions available in the literature, key steps in scenario building, data requirements and ways of addressing data gaps, and provide guidance on projecting baseline emissions at different levels (national, sub-national, sectoral, or project). The compendium will not propose or develop any new or additional baseline approaches.

32. Currently the lead consultant (INFRAS) appointed by UNFCCC, are finalizing the general structure of the Compendium, as well as, detailing the generic approaches and key technical elements identified for baseline setting by different schemes and applications. Once the generic structure and common chapters are finalized, each participating partner including the PMR is expected to lead work on one or more of the sectors. The sectors to be included in the compendium are (a) energy industries; (b) manufacturing industries and construction; (c) transport; (d) buildings (commercial, institutional, residential); (e) other energy; (f) carbon capture and storage; (g) AFLOU – livestock; (h) AFLOU- land and (i) waste – including



waste water and solid waste. The sector specific work by partner organizations is expected to start in November 2015 and be completed during early 2016. Given the interest across different sectors of PMR Participants, the PMR will decide on what sectors to lead after other partners have indicated their preferences.

33. UNFCCC is proposing to make the Compendium a working document to allow updating for new developments in baseline setting at different levels over time. Most likely, the Compendium will be a static knowledge product that is linked to a dynamic website that is regularly updated. The operation, frequency of the update of the website etc., will be decided at a later stage.

#### **G. Benchmarks**

34. In FY15 the PMR supported studies on benchmarking in South Africa (as part of the preparation of the Market Readiness Proposal) and in Kazakhstan (as part of the technical assistance provided). Beyond these two studies, there is a breadth of experience in PMR Participants in the use, development, and implementation of benchmarks for a range of different purposes to support carbon pricing.

35. To leverage this work, a **technical note** will be prepared on benchmarking providing an overview of approaches and practical guidance for policy-makers and practitioners. The note will provide step by step guidance on the development, implementation and management of benchmarks by taking various technical and implementation issues in to consideration. The note also intends to capture the experience with benchmarking from around the world, and consider the similarities and differences in design and implementation.

36. Scoping of the new **technical note** is well underway. The PMR Secretariat will shortly initiate the procurement process to engage a consultant with work to start in December 2015 and to be completed by the third quarter of 2016. A Benchmarking Working Group will be established to assist the PMR Secretariat in the preparation of the technical note. Participants are encouraged to nominate representatives for this working group.

#### **H. Stakeholder engagement and preparedness**

37. As part of ongoing collaboration, the PMR and B-PMR will hold a joint workshop in Beijing (China) in January 2016, bringing together international companies and China's leading state-owned enterprises (SOEs) to discuss best practices for industry engagement and readiness on emissions trading. The objective of the workshop will be to help Chinese SOEs prepare for the upcoming national ETS and to improve industry's understanding of the role and function of the ETS. International businesses will share lessons learned from participating in the EU ETS, California's cap-and-trade program and the Kyoto Protocol flexibility mechanisms. The participants will discuss carbon pricing and emissions trading best practices including on industry readiness, knowledge transfer, capacity building, as well as policy preparation, and engaging in technical stakeholder consultations on emissions trading.



38. Based on this experience in China, the PMR and B-PMR might replicate the workshop to support the engagement of the private sector in other countries' PMR activities and overall carbon pricing agendas.

**I. Country to country exchange**

39. Participants are reminded that the Technical Work Program can facilitate country-to-country exchanges on carbon pricing instruments or any other topic of relevance to the PMR. Participants are encouraged to inform the PMR Secretariat if they are interested in such an exchange.

40. After receiving a request from Vietnam, the PMR and Vietnam Ministry of Natural Resources and Environment (MONRE) co-hosted the "Vietnam Carbon Pricing Training Workshop" on September 29-30, 2015 outside Hanoi. The objectives of the workshop were to: (a) increase awareness among the key ministries and business group on the basic concept of carbon pricing; (b) share relevant knowledge and experience with the key ministries and business group in order to assure the efficient and effective implementation of the upcoming PMR Implementation Grant and achieve expected outcomes of the activities under the grant; and (c) have the key ministries and business group understand the implication of carbon pricing for the building blocks of the Vietnam Partnership for Market Readiness Project. The PMR facilitated the participation of speakers from China, Thailand and South Africa so that the Vietnamese participants could learn from their experience. More than 25 officials of key Vietnamese ministries and business people participated. A summary of the workshop and materials will be made available on the [PMR website](#).

**J. Other activities**

41. In addition to the dedicated work streams, the technical work program has undertaken a number of other relevant activities.

*Competitiveness and carbon leakage.*

42. The **technical note** "Carbon leakage: Theory, evidence and policy" will be finalized and released in October 2015. It will be available on the [PMR website](#). It draws lessons from policymaking experience and academic evidence to provide guidance to countries on how to address the issue of carbon leakage as it may arise in their national context. The work benefited greatly from the input of technical experts from Australia, Chile, China, the European Commission, Republic of Korea, New Zealand, and South Africa who participated in a survey and interviews, and reviewed drafts of the technical note. It also benefited from contributions and comments received from the PA.

43. The substance of the technical note was also used to inform a chapter on the issue in the recently released World Bank report "State and Trends of Carbon Pricing". The chapter provided a high level summary for a more general audience. Given the wide audience of the State and Trends report this should help with wider dissemination of the PMR work.

44. Also, to provide Participants an opportunity to discuss the issues in more detail a half day Technical Workshop is planned for 27 October 2015. The draft agenda for the workshop is available on the [PMR website](#). The PMR Secretariat also plans to host at least two webinars in the coming months to help disseminate the technical note to a broader audience.

45. The Technical Work Program will also facilitate country-to-country engagement on the issue and in-country training as demanded. Participants are encouraged to inform the PMR Secretariat if they are interested in this support.

#### *Technical discussion to support post-2020 carbon markets*

46. The Technical Work Program has continued with the series of discussions and workshops designed to provide PMR Participants and relevant experts an opportunity to engage in technical discussion on post-2020 markets. Since the last PA, two roundtable discussions were held on the margins of the UNFCCC negotiating sessions in Bonn, bringing together negotiators from PMR and other countries, and experts to discuss issues relevant to post-2020 carbon markets.

- The first focused on building a better understanding of what characteristics, approaches and requirements would be considered appropriate at the international level to support the trade of carbon assets. A summary of the discussions is available on the [PMR website](#).
- The second focused on building a better understanding of the role and likely scale of international trade in carbon assets post 2020, taking stock of countries intentions as indicated in their iNDCs and plans to achieve them. It also provided an opportunity to discuss the role of international carbon markets in delivering and leveraging climate finance. A summary of the discussion is also available on the [PMR website](#).

47. A further workshop is planned for 26 October, 2015 providing another opportunity to discuss how carbon markets might develop post 2020. The workshop will take place immediately following the last UNFCCC negotiation session ahead of COP21, so provides a timely opportunity to review and take stock of the role carbon markets could play in achieving different countries' national contributions. It will also allow Participants to hear about the latest developments and understand the options that could accommodate markets in the Paris agreement, and their relationship to readiness activities of PMR Participants. Finally, the workshop will also be an opportunity to discuss any insights from the PMR that could help inform the international discussions on carbon markets, and to shape any future related PMR activities.

#### *Interactions between Energy and Carbon Pricing Policies*

48. A study is being jointly developed with the World Bank Energy Practice (Energy Sector Management Assistance Program, i.e. ESMAP) to advance the understanding of policy makers on how carbon pricing policies introduced to support climate change mitigation objectives can be designed to align with existing energy policy objectives. The study will:

- inventory energy policies (e.g. taxation, markets, subsidies, regulation/organization of the energy sector etc.), and their objectives (e.g. energy security, energy affordability, protection of captive customers or competitiveness) and how these have evolved over time in OECD and non-OECD countries;
- discuss how carbon pricing instruments may positively interact or conflict with each of these energy policy objectives and the existing instruments used to pursue these objectives;
- discuss possible design arrangements for carbon pricing instruments to mitigate possible conflicts or maximize possible synergy with energy policy instruments and increase their efficiency in mitigating GHG emissions; and
- propose an analytical framework for PMR Implementing Countries to explore how to use and design carbon pricing instruments consistently with existing energy objectives.

49. The draft study will be finalized by the end of the year, and shared for wide peer-review in January 2016 with the aim to publish a final report in March 2016. Following, ESMAP/PMR will continue to collaborate with the preparation of country specific-case studies that use the analytical framework.

#### *China carbon market monitor*

50. The first China Carbon Market Monitor was published in May 2015 and the second released in October 2015. Both are available on the [PMR website](#). It provides timely and regular (every three months) information on the seven Chinese pilot carbon markets. It also provides analysis of the climate policy and market developments at the national level. The monitor will continue to be prepared throughout FY16 and into FY17.

#### **K. Working arrangements**

51. Some components of the Technical Work Program are supported by a working group comprising nominated representatives from PMR Participants, observers and experts. Working groups provide guidance on the work plans, input to workshops, and feedback on knowledge products and other deliverables. The PMR Secretariat proposes to continue to use working groups to support the Technical Work Program in FY16. The following working groups are expected to be active throughout the year:

- ETS working group (largely comprising the ETS focal points involved in the preparation of the ETS handbook);
- Carbon tax working group;
- Offset and Crediting working group;
- MRV working group;
- Baseline working group; and
- Benchmarking work group.

52. Typically working groups engage via email and meet virtually. The PMR Secretariat will consider face-to-face meetings where this is identified as being beneficial for the work-stream's activities. The PA is encouraged to nominate the most relevant representatives to participate in the working groups. Representatives can be changed or added at any time by emailing the PMR Secretariat.

### III. REPORT ON DISSEMINATION

53. At PA12 the PMR Secretariat briefed the PA on the measures it is taking to improve the dissemination of PMR knowledge products, including by publishing and disseminating through the World Bank's Open Knowledge Repository (OKR).

54. A Participant requested that the PMR Secretariat provide some statistics that would help the PA better understand the dissemination of the PMR knowledge products. Table 1 provides a summary of relevant dissemination statistics for knowledge products released since the start of 2015. Feedback from the PA on the relevance of these statistics is welcome.

**Table 1: Dissemination statistics for PMR knowledge products released since January 2015**

Title	Release	Abstract views	Downloads	Social media
Crediting-Related Activities Under the PMR : Status and Support for Implementation	August 2015	430	207	Tweeted 5 times
Options to Use Existing International Offset Programs in a Domestic Context	August 2015	421	267	Tweeted 1 time
Guide for Designing Mandatory Greenhouse Gas Reporting Programs	May 2015	1331	253*	Tweeted 13 times
Checklist on Establishing Post-2020 Emission Pathways	March 2015	777	442	Tweeted 7 times
Preparing for Carbon Pricing : Case Studies from Company Experience--Royal Dutch Shell, Rio Tinto, and Pacific Gas and Electric Company	February 2015	1034	1635	Tweeted 5 times Blogged by 2, On 2 facebook pages
Overview of Carbon Offset Programs : Similarities and Differences	February 2015	682	1005	Tweeted 1 times

\*Note the document is also available from the WRI website with an additional 363 downloads.

55. It is expected that once the knowledge management specialist is in place they will analyze the available dissemination statistics as part of preparing the knowledge management plan. The knowledge management plan will be reported to the PA before it is finalized.

### IV. ACTION BY THE PA

56. The PA is invited to provide feedback on the activities of the Technical Work Program to date and provide guidance on further activities. The PA is also encouraged to nominate appropriate representatives

to the working groups. The PA is also encouraged to provide feedback on the dissemination of the PMR knowledge products.

**ANNEX I: Types of Activities**

57. The Technical Work Program has, and will continue in FY16, to use a range of activities and delivery modes to achieve its objectives.

- **Knowledge Products** such as Technical Notes that provide tools and guidance on the design and implementation of carbon pricing instruments; country case studies that capture experience, insights and lessons as readiness activities are implemented; and technical briefs that provide timely insights or advice on specific issues as needs are identified.
- **Country-to-Country Exchanges** that support knowledge sharing directly among the PMR Participants, for example, through bilateral, regional or multi-country dialogues. Exchanges can be facilitated on the margins of PMR events or organized specifically on request.
- **Technical Workshops** that provide an opportunity for PMR Participants to engage in technical discussions with experts and other relevant stakeholders (e.g., the private sector) to enhance capacities and collective understanding.
- **Technical Trainings** that focus on capacity building. Technical trainings are designed as practical learning events. They can accommodate participants from multiple countries or focus on participants from a single country. These build on the knowledge products and compliment planned capacity building activities at the country level.
- **Electronic modes** such as the PMR's website, the World Bank's Open Knowledge Repository, webinars, and E-Learning courses. These modes and activities can be used to effectively and efficiently disseminate knowledge products and experience among PMR participants and to a wider audience.