

## Carbon Pricing and Sustainable Development Co-Benefits

### Technical Workshop

October 22-23, 2019

**Crowne Plaza Berlin – Potsdamer Platz**  
**Hallesche Str. 10, 10963**  
**Berlin, Germany**

### AGENDA

Carbon pricing can help countries mitigate climate change while accelerating their social and economic development, yielding multiple benefits. These benefits include reduced climate risks, “development co-benefits” such as improved air quality and safer roads, and helping fund important public goods like energy access, health and education. In addition, in circumstances more common in developing countries, carbon pricing can yield net benefits for economic activity, such as expansions in output and employment or improvements in productivity. In this way, carbon pricing can be an important fiscal foundation to support countries to achieve both their SDGs and their NDCs.

This workshop brings PMR participants together to explore how carbon pricing can address broader social, environmental and economic objectives while helping countries transition to a low-carbon economy.

DAY ONE: CARBON PRICING: MOBILIZING RESOURCES FOR DEVELOPMENT	
12.00 – 1.30	<b>Lunch</b>
13.30 – 13.45	<b>Welcome</b> <ul style="list-style-type: none"> <li>– Opening Remarks: Daniel Besley, World Bank Group</li> </ul>
13.45 - 14.15	<b>Overview of the co-benefits of carbon pricing</b> <i>An introduction to the topic that provides an overview of the non-climate benefits of carbon pricing that will be discussed in more detail throughout the workshop. This session will outline, at a high level, how carbon pricing can support sustainable development. The work underway under the PMR Technical Work Program will be discussed.</i> Moderated by Daniel Besley, World Bank Group <ul style="list-style-type: none"> <li>– Presentation by Simon Black, World Bank Group</li> <li>– Q&amp;A</li> </ul>
14.15 – 15.30	<b>Using carbon revenues to achieve development objectives</b> <i>Carbon pricing is increasingly recognized as an important and efficient source of government revenue that can be used to achieve countries’ development objectives. This session will discuss some of the key findings from the PMR’s recent report, focusing on the ways in which governments have and could use their revenues to finance sustainable development.</i> Moderated by Marcos Castro, World Bank <ul style="list-style-type: none"> <li>– Scene-setting presentation by Daniel Besley, World Bank Group</li> <li>– Presentation by Klaus Hammes, Swedish Energy Agency</li> <li>– Presentation by Sharlin Hemraj, South Africa National Treasury</li> <li>– Panel discussion and Q&amp;A</li> </ul>

15.30 – 16.00	<b>Coffee/Tea Break</b>
16.00 – 17.00	<p><b>Revenue expenditure plan</b></p> <p><i>At their tables, participants will be tasked with developing a revenue expenditure plan for a country. Each member in the group will represent a different stakeholder and the group is responsible for identifying consensus on expenditure. After 30 minutes, a limited number of groups will report back on the plan and its rationale.</i></p> <p>Moderated by Timila Dhakhwa, World Bank Group</p>
17.00 – 17.10	<p><b>Wrap up and close</b></p> <ul style="list-style-type: none"> <li>– Venkata Putti, World Bank Group</li> </ul>

DAY TWO: DEEP DIVE ON CO-BENEFITS	
09.00 – 10.15	<p><b>Health benefits</b></p> <p><i>Air pollution is a leading cause of mortality worldwide, with 4.2 million deaths annually as a result of exposure to ambient (outdoor) air pollution. By incentivizing the reduced use of fossil fuels, carbon pricing can deliver health benefits to citizens. This session invites countries to discuss how air pollution and health concerns have played a role in their decision to put a price on carbon.</i></p> <p>Moderated by: Hugh Salway, Department of Business, Energy &amp; Industrial Strategy, United Kingdom</p> <ul style="list-style-type: none"> <li>– Scene-setting presentation by Fabian Wagner, International Institute for Applied Systems Analysis</li> <li>– Presentation by Rajinder Sahota, California Air Resources, Board</li> <li>– Presentation by Silvia Charpentier, Ministry of Environment and Energy, Costa Rica</li> <li>– Panel discussion and Q&amp;A</li> </ul>
10.15 – 10.45	<b>Coffee/Tea Break</b>
10.45 – 12.00	<p><b>Innovation, new sector growth and jobs</b></p> <p><i>A price on carbon can help support innovation in low carbon technologies by incentivizing the uptake of low carbon products and services. This in turn can stimulate growth and job creation in those areas. This session will explore how a carbon price, including through the use of revenues raised, can stimulate innovation, growth and the creation of new jobs.</i></p> <p>Moderated by Simon Black, World Bank Group</p> <ul style="list-style-type: none"> <li>– Scene-setting presentation by Stefan Thomas, Wuppertal Institute</li> <li>– Presentations by Malin Ahlberg, Ministry for the Environment, Nature Conservation and Nuclear Safety, Germany</li> <li>– Presentation by Jean-Yves Benoit, Ministry of Environment and Climate Change, Quebec</li> <li>– Panel discussion and Q&amp;A</li> </ul>
12.00 – 12.15	<p><b>Closing remarks</b></p> <p>Venkat Putti, World Bank Group</p>