

**PMR Technical Workshop on
Post-2020 Mitigation Scenarios and Carbon Pricing Modelling**
February 2016

Group discussion 01

(I)NDC implementation challenges and perceived knowledge gaps

Introduction

This note lays out the objective of the break-out session, provides background on implementation challenges and knowledge gaps and summarises challenges and gaps identified in workshops before the INDC submission. The purpose is to discuss the list of questions at the end of this note.

Objectives of this session

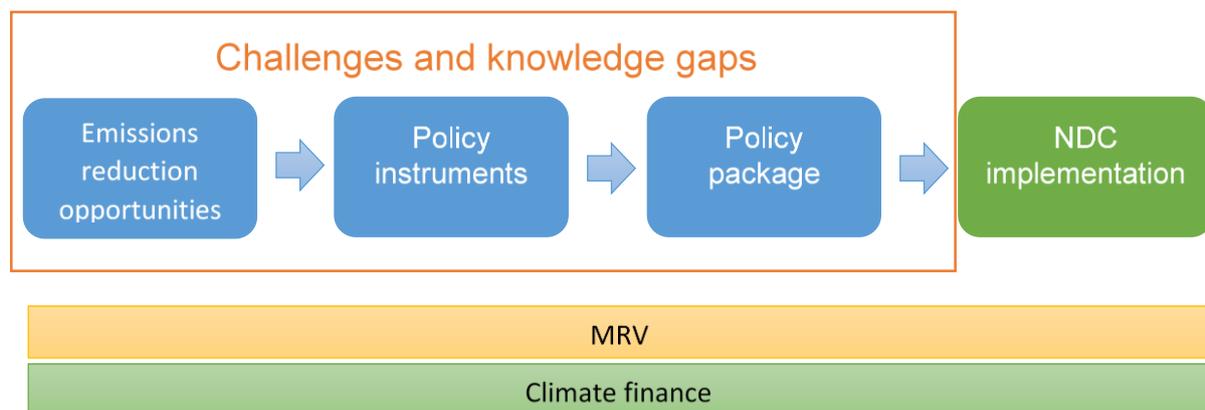
This session serves three objectives:

- Identify implementation challenges and knowledge gaps
- Exchange experience in overcoming certain challenges and knowledge gaps
- Clarify where external support might be needed and/or most helpful in overcoming implementation challenges

Background

This session zooms into the second pillar of the framework presented by Ricardo in the previous session, the long-term mitigation strategy. This includes the assessment of emissions reductions opportunities and identification of enabling policy instruments to design policies that achieve those mitigation opportunities and ultimately NDC targets. Figure 1 shows the focus on challenges and knowledge gaps, in particular in technical and analytical areas, in moving from the INDC preparation to NDC implementation.

Figure 1. Technical and analytical challenges



Source: Vivid Economics

To provide a framework for discussion, (I)NDC implementation challenges and knowledge gaps might fall into five following categories, which include examples of challenges, shown in **Error! Reference source not found.**

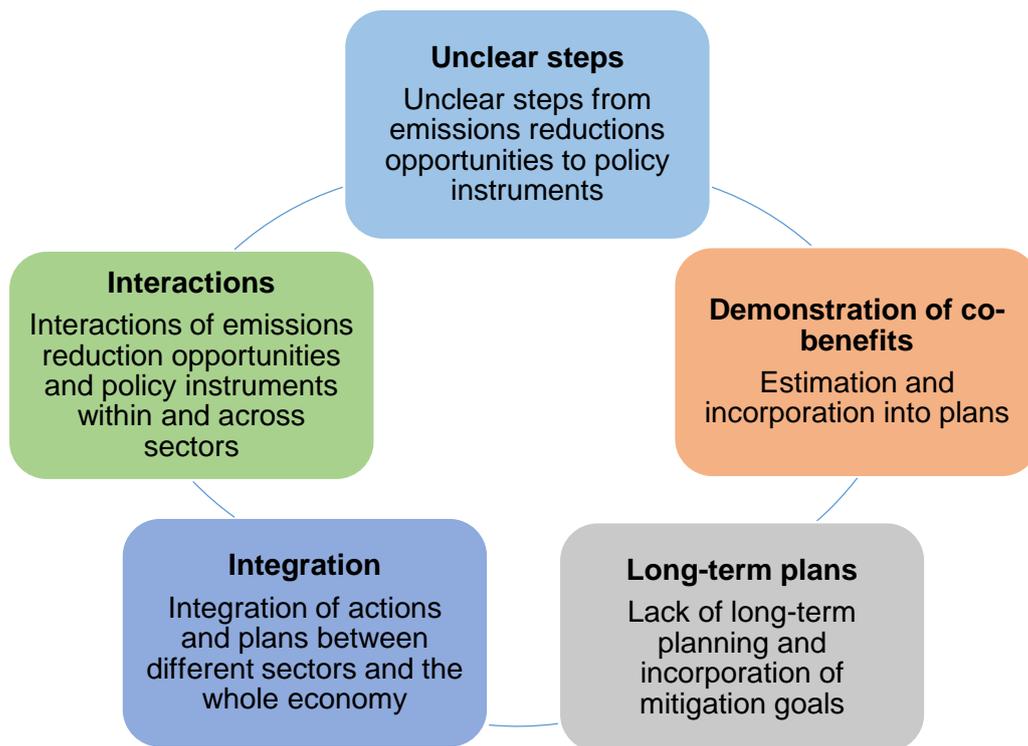
Figure 2. Five potential areas of implementation challenges and knowledge gaps

Technical	Regulatory	Institutional	Planning	Political and social
<ul style="list-style-type: none"> •availability of analytical tools and models •data availability and reliability •skills and people 	<ul style="list-style-type: none"> •mandates and responsibility for implementation •legal framework to support implementation 	<ul style="list-style-type: none"> •specialised institutions •institutional capacity •funds •collaboration across sectors and ministries 	<ul style="list-style-type: none"> •national economic and development plans •sectoral plans •tools for policy instrument analysis 	<ul style="list-style-type: none"> •stakeholder incorporation •sector and industry cooperation •impact on different regions and vulnerable communities •demonstration of co-benefits

Source: Vivid Economics

In previous workshops with policy-makers and practitioners involved with low emissions development planning, five common themes for implementation and challenges and perceived knowledge gaps were identified and are summarised in **Error! Reference source not found.**

Figure 3. Key implementation challenges and knowledge gaps in INDC preparation



Source: Vivid Economics

Questions for discussions

1. What is your view on the implementation challenges and knowledge gaps shown in Figure 2? Could you provide specific examples for those deemed most critical? Do you have any additions?
2. How far do the common themes, identified by many practitioners before the INDC submission and summarised in Figure 3, reflect current challenges? What challenges have been solved and how? Are there any additional challenges, in particular analytical and technical challenges?
3. What do you think are the highest priority challenges you face? In particular, what analytical and technical challenges are of main priority? How do you plan to tackle them?
4. Which challenges and knowledge gaps would require external support to be solved? Do you already receive external support? What analytical and technical support might be most helpful?