



“Low-emission and climate-resilient development pathways”

Expert Workshop organised in the context of the OECD project on *Growth, Investment and the Low-Carbon Transition: Constructing a Climate-resilient Future for the G20*.

11 January 2017, OECD headquarters, Paris - Room CC7

Agenda

OVERVIEW

The climate agreement reached at COP21 in Paris sets the stage for a global shift towards a low-emission, climate-resilient future. Delivering on the Paris objectives will require fundamental shifts in our economies, including major changes in how capital is allocated. The OECD is carrying out a new study to explore the economic growth and investment implications of the major transformations implied by the Paris Agreement with a focus on the G20 group of countries.

One focus of the project is on the strategies and pathways that G20 countries need to follow if they are to achieve the goals of the Paris Agreement. It will provide illustrative low-emission, climate-resilient pathways consistent with the “well below two degree” target, taking into account the diverse circumstances of G20 countries and the structure of their economies. It will discuss the dependence of energy-related mitigation targets on assumptions for future changes in land-use, agricultural production, anticipated climate feedbacks from the biosphere and the potential for negative emissions. Depending on availability of sufficient data, the project will examine the extent to which existing growth and infrastructure investment patterns are consistent with such pathways.

OBJECTIVES

As part of the process of developing the final report by the end of March, the OECD is bringing together selected experts in a small workshop to discuss the emerging recommendations and conclusions from the work on low-carbon pathways and strategies. This will help to ensure that the final report fully reflects the thinking of leading experts on the challenges of applying a pathways approach to G20 countries.

The Workshop will also provide a forum to discuss the analysis undertaken so far by the OECD on countries’ infrastructure pipelines to assess the extent to which governments’ infrastructure plans and policies are consistent with their NDCs along with outstanding data needs and gaps.

ORGANISATIONAL ISSUES

Target audience: The workshop aims to gather around 30 selected experts and institutions from the climate community, from OECD and emerging countries. Participation is by invitation only.

Venue: the OECD Conference Centre in Paris, France. Room CC7.

Further information: For information on the workshop or to confirm your participation, please contact **Virginie Marchal** (virginie.marchal@oecd.org) and **Angèle N’Zinga** (Angele.NZinga@oecd.org)

AGENDA

Wednesday 11 January

8:45

Registration and welcome coffee

9:30-9:45

Introductory remarks

Anthony Cox, Deputy Director Environment Directorate, OECD

9:45-11:15

Low-emission development pathways

This section will focus on the characteristics of low-emissions pathways across all sectors consistent with the long-term goals in the Paris Agreement.

Chair: Simon Buckle, Head of Division, Climate, Biodiversity and Water, OECD

Speakers:

- Jason Lowe, UK Meteorological Office Hadley Centre (invited): Characteristics of global pathways to well below two degrees (WB2DS): insights from IPCC AR5.
- Laura Cozzi, IEA (invited): Implications of a 2DS and a WB2DS for the energy sector.
- Keywan Riahi, IAASA (confirmed): Insights from recent work on Shared Socio-Economic Pathways

11.15-11.45

Coffee break

11:45-13:15

From pathways to strategic priorities: tailoring recommendations to specific country contexts

This session will examine how country diversity might influence the choice of emissions pathways in the context of Nationally Determined Contributions and the Paris Agreement:

- How do low emission development strategies differ by country?
- What are the main political economy barriers and opportunities for climate action?

Chair: Richard Baron, OECD

Speakers:

- Simon Buckle, OECD: From global scenarios to G20 countries
- Sharing country experiences with deep decarbonisation pathways:
 - Emilio Lèbre la Rovere, DDPP/ Brazil, COPPE (confirmed)
 - Tara Caetano, DDPP South Africa, University of Cape Town (confirmed)
 - Daniel Buirá, DDPP/ Mexico, Tempus Analytica (invited)

13:15-14:30

Lunch break

Buffet lunch served in the ChâteauRoom George Marshall

14:30-16:00

Putting land-use at the core of low emission development strategies

The session will explore the role of land use in low emission development strategies:

- What factors might limit the carbon budget available for energy-related purposes, e.g. emissions from non CO2 gases, deforestation, biosphere feedbacks?
- What contribution could negative emissions make to low emission pathways (e.g. BECCS, afforestation)? What do the models typically assume?
- What does all this then imply for countries' efforts to develop low-emissions, climate-resilient pathways that also safeguard food security and other sustainability goals?

Chair: Detlef Van Vuuren, PBL (invited)

Speakers:

- Elmar Kriegler, Potsdam Institute (confirmed): Land use futures in SSPs
- Massimo Tavoni, FEEM (confirmed): The role of negative emissions for climate stabilisation
- Jo House, University of Bristol (confirmed): Policy implications of GHG emissions from AFOLU and mitigation options
- Philippe CIAIS, CIRED (confirmed): Climate-biosphere interactions and the Paris mitigation goals

Discussant: Jeremy Woods, Imperial College London (confirmed)

16.00-16.15

Coffee Break

16:15-18:00

Climate-resilient pathways

Considering the multi-faceted nature of climate change adaptation in various sectors, its context-specific nature and the difficulty to measure its impact over time, this session will explore:

- What are the key elements needed for ensuring that countries' are achieving climate-resilient pathways?
- What are the priority actions for different groups of countries?
- How can coherence between adaptation and mitigation actions be ensured when pursuing climate-resilient pathways?

Chair: tbc

Speakers:

- Roger Pulwarty, NOAA (confirmed): Scenarios for vulnerability
- Marjolijn Haasnoot, Deltares (invited): Decision making under deep uncertainty

19.00

Dinner for participants