



THIRD AD-HOC TECHNICAL WORKSHOP ON CIRCLE: THE NEXUS BETWEEN LAND, WATER AND ENERGY

Tuesday 20 October 2015

OECD Conference Centre, Paris (Room CC20*)

09:00 – 10:15 Session 1: Opening

Chair Shardul Agrawala (OECD)

This session first introduces the CIRCLE project and provides the general background for this workshop; it then introduces the key elements in the nexus and the modelling approach to assess bottlenecks in the nexus as used in the OECD-PBL report “Economic impacts of the Land-Water-Energy nexus”.

Introduction and background

Speaker Shardul Agrawala (OECD)

Framing the land-water-energy nexus

Speakers Tom Kram, Netherlands Environmental Assessment Agency (PBL)
Rob Dellink (OECD)

10:15 – 10:45 Coffee break

10:45 – 12:45 Session 2: Analysing pairwise interactions in the nexus

Chair Xavier Leflaive (OECD)

This session aims to provide detailed discussions of the biophysical and economic consequences of the pairwise elements in the nexus; the first results from the modelling analysis are presented and put into context by external speakers.

Modelling analysis of the nexus

Speakers Fritz Hellmann (PBL)
Jean Chateau (OECD)
Jae Edmonds, Pacific Northwest National Laboratory (PNNL)

Other major consequences of water-energy bottlenecks

Speakers Olivier Durand-Lasserve (OECD)
Chris Napoli, King Abdullah Petroleum Studies and Research Center (KAPSARC)



12:45 – 14:15 **Lunch break**

14:15 – 15:45 **Session 3: Multidimensional analysis of the nexus**

Chair Peter Börkey (OECD)

This session looks at those consequences of the nexus that go beyond the pairwise bottlenecks; these include how to overcome the problems of doing global systems modelling to investigate issues that are fundamentally local in nature, the consequences of the nexus for materials use, and the consequences of climate change. The session also presents the plans for the specification of integrated scenarios for the OECD-PBL modelling analysis.

Coupling global and local analysis of the nexus

Speaker Dominique van der Mensbrugge (Purdue University)

The resource angle of the nexus

Speaker Raimund Bleischwitz, University College London (UCL)

Consequences of climate change on the nexus and other integrated scenarios

Speaker Tom Kram (PBL)

15:45 – 16:15 **Coffee break**

16:15 – 18:00 **Session 4: Next steps**

Chair Shardul Agrawala (OECD)

This final session deals with the question of how to make the modelling analysis relevant for policy making; how policy makers can use the insights from the nexus analysis in their domestic context and which policy scenarios to investigate in the final report; the session ends with a wrap-up and identification of the next steps in the project.

Using nexus modelling for policy advice

Speakers Selected country representatives

Rob Dellink (OECD)

Closing session

Speaker Shardul Agrawala (OECD)

18:00 – 19:30 **Reception**

****Directions to CC20: The room is located on the 1st floor of the Conference Centre; please use the elevator located between the Espresso bar (recently renamed “EXKI”) and the access to the tunnel which leads to the Marshall Building.***