

LINKING CLIMATE AND DEVELOPMENT POLICIES - LEVERAGING INTERNATIONAL NETWORKS AND KNOWLEDGE SHARING (CD-LINKS)

Stakeholder Workshop:

Sustainable national roadmaps towards the global objective of 1.5 and 2°C – the Indian perspective

AGENDA – 19TH MARCH 2018

VENUE – JUNIPER HALL, INDIA HABITAT CENTRE, LODHI ROAD, NEW DELHI

12:00-13:00 Buffet lunch served

13:00-13:20 Welcome and Introduction to Stakeholder Workshop

Keywan Riahi, IIASA and Ritu Mathur, TERI

- Welcome
- Meeting objectives, presentation of agenda
- Introduction of CD-LINKS project

Presentations by policy-makers and national modelling teams – moderator Ajay Mathur

13:20-13:25 Introductory statement by moderator

Ajay Mathur, Director-General, TERI

13:25-13:40 Main challenges of India, government/ policymaker perspective

*A K Mehta, (MoEF&CC) Government of India

13:40-13:55 New India 2021-32: Vision, Strategy and Action Agenda

R P Gupta, NITI Aayog

13:55-14:05 Questions and Answers on first set of presentations

14:05-14:20 Mid-century decarbonisation pathways for India

Ritu Mathur, TERI

14:20-14:35 National transformation pathways: case of India

Saritha Sudharmma Vishwanathan, IIM Ahmedabad

14:35-14:45 Questions and Answers on second set of presentations

14:45-15:15 Coffee break



Panel discussions: From Paris to the SDGs in India and globally – How can science contribute?

Panel A: Climate, energy, air pollution – moderator Keywan Riahi

15:15-15:20 **Introductory statement by moderator**
Keywan Riahi, IIASA

15:20-15:45 **Short teaser statements (5 mins each):**

- **India's climate policy process and international role**
(tbc)
- **Challenges to Energy Transitions in India**
Chintan Shah, IREDA
- **Managing renewables integration into the grid**
*P. C. Maithani, Ministry of New & Renewable Energy
- **Infrastructure in India**
Gaurav Bhatiani, IL&FS
- **Managing air pollution in India**
Sumit Sharma, TERI

15:50-16:00 **Reaction from Advisory Board members on teaser statements**

16:00-16:30 **Open discussion**

Panel B: Energy-water nexus, energy access, food security – moderator Anil Jain

16:30-16:35 **Introductory statement by moderator**
Anil Jain, Ministry of Environment, Forest and Climate Change

16:35-16:55 **Short teaser statements (5 mins each):**

- **Food Security**
Kirit Parikh, IRADe
- **Household Energy Access**
Purnamita Dasgupta, Institute of Economic Growth
- **Energy Efficiency**
Abhay Bakre, Bureau of Energy Efficiency
- **Energy Water Nexus**
Vaibhav Chaturvedi, Council on Energy, Environment and Water

16:55-17:05 **Reaction from Advisory Board member on teaser statements**

17:05-17:40 **Open discussion**

17:40-18:00 **Conclusions and wrap-up**

19:00 **Stakeholder dinner**
Dinner for stakeholders and consortium members: Terrace, 5th floor, TERI, IHC



LINKING CLIMATE AND DEVELOPMENT POLICIES - LEVERAGING INTERNATIONAL NETWORKS AND KNOWLEDGE SHARING (CD-LINKS) 5TH PROJECT MEETING

20-22 March 2018 - Delhi, India

Host: The Energy and Resources Institute (TERI)

Venue: India Habitat Center, Lodhi Road, Near Airforce Bal Bharati School, New Delhi, Delhi 110003, India

TUESDAY 20TH MARCH 2018 – ROOM: CASUARINA HALL

09:00-09:30 **Welcome and Meeting Objectives**
Ritu Mathur, TERI, Keywan Riahi, IIASA

09:30-09:50 **Work package session in plenary: Work Package 1**
Michael Pahle, PIK, Roberto Schaeffer, COPPE

- Status update [10 mins]
- Timeline for D1.2 (Report on comparison and transferability of existing policies) completion [5 min introduction + 5 min discussion]

09:50-10:10 **Work package session in plenary: Work Package 2**
Detlef Van Vuuren, PBL, Niklas Höhne, WU

- Status update [10 mins]
- Timeline for D2.3 (Report on possible methods to evaluate short-term climate policies in the context of long-term objectives) completion [5 min introduction + 5 min discussion]

10:10-10:40 **Coffee break**

10:40-11:15 **Work package session in plenary: Work Package 3**
Elmar Kriegler/ Christoph Bertram, PIK, Detlef Van Vuuren, PBL

- Status update [10 mins]
- Timeline for D3.1 (Report on global low-carbon and sustainable development pathways) completion [5 min introduction + 5 min discussion]
- Task 3.4 - adaptation (Junko Mochizuki and Thomas Schinko, IIASA) [5 min]

11:15-11:35 **Work package session in plenary: Work Package 4**
Volker Krey, IIASA, Ritu Mathur, TERI

- Status update [10 mins]
- Looking ahead to 2019 – timeline for D4.3 (Report on synergies and trade-offs between multiple policy objectives...) completion [5 min introduction + 5 min discussion]

11:35-12:00 **Work package session in plenary: Work Package 5**
Valentina Bosetti and Laurent Drouet, CMCC, Zoi Vrontisi, ICCS, Gunnar Luderer, PIK

- Status update [10 mins]
- Timeline for D5.1 (Report on trade and implementation of carbon policies...) completion, due August 2018 [5 min introduction + 5 min discussion]
- Looking ahead to 2019 - D5.2 and D5.3 (Map of mitigation and adaptation



has received funding from the **European Union's Horizon 2020 research and innovation programme** under grant agreement No. (CD-LINKS).



strategies... Report on the effect of near-term climate and technology policies...) [5 min]

12:00-12:25

Work package session in plenary: Work Package 6

Keywan Riahi, IIASA, Valentina Bosetti and Laurent Drouet, CMCC, Detlef van Vuuren and Mark Roelfsema, PBL

- Status update [10 mins]
- Summer school 2019 (task 6.1)
- D6.4 (Policy brief on climate and development gaps) [5 min introduction + 5 min discussion]
- Looking ahead to 2019 - D6.5, D6.6 and D6.7 (Summary report on policy maker and stakeholder dialogue and capacity building activities, Summary for policy makers, Launch of web-based global mapping tool...) [5 min]

12:25-13:30

Lunch

13:30-15:00

Parallel break-out groups:

Casuarina Hall

Work Package 1 Michael Pahle, PIK and Roberto Schaeffer, COPPE, D1.2 (comparing and transferring existing policies across countries)

Marigold Hall

Work package 5 Valentina Bosetti and Laurent Drouet, CMCC, Visualization tools (D5.3)

15:00-15:30

Coffee break

15:30-17:00

Parallel break-out groups:

Casuarina Hall

Work Packages 3 and 4 Thomas Schinko, IIASA, Laurent Drouet (CMCC), Zoi Vrontisi (ICCS) and Andries, Adaptation/ mitigation integration and risk-focused adaptation portfolios (MS 9)

Marigold Hall

Work package 3 Detlef van Vuuren, and Heleen van Soest, PBL, Burden-sharing

17:00-17:30

Conclusions and summary for day one

19:00

Consortium dinner – Terrace, 5th floor, TERI, IHC

WEDNESDAY 21ST MARCH 2018 – ROOM: MAGNOLIA HALL, MARIGOLD HALL, SEMINAR ROOM

09:00-10:30

Parallel break-out groups:

Magnolia Hall

Work package 5 Valentina Bosetti, CMCC and Zoi Vrontisi, ICCS, D5.1 Report on trade and implementation of carbon policies

Marigold Hall

Work package 3 & 5 Gunnar Luderer and Christoph Bertram, PIK, Carbon lock-in

10:30-11:00

Coffee break

11:00-11:45

Plenary:



Magnolia Hall **Work package 6** Valentina Bosetti, CMCC, Summer school

11:45-12:45 **Plenary:**

Magnolia Hall **Work package 3 and 4** Elmar Kriegler, PIK and Volker Krey, IIASA, Planning to identify missing elements for deliverables and determining the final messaging of the project

12:45-13:45 **Lunch**

13:45-15:15 **Parallel Sessions:**

Magnolia Hall **Work Package 4** Volker Krey, IIASA, and Ritu Mathur, TERI, Implications of non-climate SDGs for climate change mitigation – global and national perspectives

Marigold Hall **Work package 2**, PBL, NewClimate, WP2.3 New concepts to measure the mitigation, adaptation and development “gap” (D2.3)

15:15-15:45 **Coffee break**

15:45-17:15 **Parallel break-out groups:**

Magnolia Hall **Work package 4** Volker Krey and Stefan Frank, IIASA, sustainability issues related to land-use: biodiversity, food security and irrigation water use

Marigold Hall **Work package 2, 3, 4 & 5** Valentina Bosetti, CMCC and Zoi Vrontisi, ICCS, Socio-economic SDGs (e.g. employment, investments, education) (MS 3)

19:00 **Coordination Board dinner**
Social Room, 5th Floor, TERI, IHC

THURSDAY 22ND MARCH 2018 – ROOM: CASUARINA HALL

09:00-10:00 **Advisory Board feedback**

10:00-11:00 **Reporting back from parallel sessions, WP conclusions (presentation of key conclusions, next steps and timelines) (part one)**

11:00-11:30 **Coffee break**

11:30-12:30 **Reporting back, WP conclusions (presentation of key conclusions, next steps and timelines) (part two)**

12:30-13:00 **Closing of meeting, final remarks**

13.00-14.00 **Lunch**

14.00 onwards **Capacity Building Workshop**





LINKING CLIMATE AND DEVELOPMENT POLICIES - LEVERAGING INTERNATIONAL NETWORKS AND KNOWLEDGE SHARING (CD-LINKS) CAPACITY BUILDING WORKSHOP

22 March 2018 - Delhi, India

Host: The Energy and Resources Institute (TERI)

Venue: India Habitat Center, Lodhi Road, Near Airforce Bal Bharati School, New Delhi, Delhi 110003, India

Description: Within the framework of the CD-LINKS project (Linking Climate and Development Policies – Leveraging International Networks and Knowledge Sharing), this capacity building workshop is aimed at junior researchers and PhD students interested in integrated assessments and systems analysis, modelling, and visualisation tools.

The research project CD-LINKS brings together a consortium of 19 leading international research organisations to explore national and global climate transformation strategies and their linkages to a range of Sustainable Development Goals. CD-LINKS has four overarching goals:

- i. to gain an improved understanding of the linkages between climate change policies (mitigation/adaptation) and multiple sustainable development objectives,
- ii. to broaden the evidence base in the area of policy effectiveness by exploring past and current policy experiences,
- iii. to develop the next generation of globally consistent, national low-carbon development pathways, and
- iv. to establish a research network and capacity building platform in order to leverage knowledge-exchange among institutions from Europe and other key players within the G20.

Presentations will be given from invited experts who are participating in the CD-LINKS project. One session of the workshop will be focused on modelling methodology. The second session would be focused on the analysis of data and how to present modelling results in a more engaging and useful format. Participants would be from the CD-LINKS partner institutes and other local universities, such as think-tanks based in Delhi or TERI University.

THURSDAY 22ND MARCH 2018 – ROOM: CASUARINA HALL

14:00-14:30	Welcome and introduction: overview of integrated assessment modelling and its role in decision making, Daniel Huppmann, IIASA
14:30-15:15	LCA tools, Gunnar Luderer, PIK [30 mins + 15 mins Q+A]
15:15-16:00	Non-CO ₂ gases & linkages to agricultural phase of bioenergy crops, Alex Köberle, COPPE [30 mins + 15 mins Q+A]
16:00-16:30	Coffee break
16:30-17:15	pyam - an open-source Python package for IAM scenario analysis, Daniel Huppmann, IIASA [30 mins + 15 mins Q+A] https://github.com/iamconsortium/pyam-analysis
17:15-18:00	R visualisation, Heleen van Soest, PBL [30 mins + 15 mins Q+A]
18:00-18:15	Conclusions and wrap up



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 642147 (CD-LINKS).

