



XLI Global Change Forum
MIT Samberg Conference Center
Cambridge, MA • March 26-28, 2018

Science-Based Targets: Rationale and Challenges
AGENDA

Download Forum materials: <http://bit.ly/GCF41>

TUESDAY, MARCH 27

All meeting sessions held in Rooms 5 and 6

8:00–8:30 **Registration & Light Breakfast**

8:30–10:00 **Session 1. Defining Science-Based Targets**

Presenters: Mr. Matthew Banks, Associate Director, Industry & Large Corporations/Energy & Sustainability, NAVIGANT (Former Climate & Business Manager, WWF)

Ms. Karen L. Coyne, Global Head of Environment, NOVARTIS

Ms. Johanna C. Jobin, Director, Global EHS & Sustainability, BIOGEN

Dr. Iulian Florin Vladu, Manager, Science and Review, Adaptation Programme, United Nations Climate Change Secretariat

Moderator: Dr. John Reilly, Co-Director, Joint Program on the Science & Policy of Global Change, MIT

10:00–10:30 **Coffee Break**

10:30–12:00 **Session 2. The Science Behind the Targets**

Presenters: Dr. C. Adam Schlosser, Deputy Director, Joint Program on the Science & Policy of Global Change

Dr. Myles Allen, Professor of Geosystem Science Head of the Climate Dynamics Group, University of Oxford

Moderator: Ms. Anne Slinn, Executive Director for Research, Joint Program on the Science & Policy of Global Change, MIT

12:00–14:00 **Lunch**

14:00–15:30 **Session 3. Time Paths for Emissions and Technology Options**

Presenters: Dr. John Reilly, Co-Director, Joint Program on the Science & Policy of Global Change, MIT

Dr. David Anthoff, Assistant Professor, Energy and Resources Group, University of California at Berkeley

Moderator: Dr. Sergey Paltsev, Deputy Director, Joint Program on the Science & Policy of Global Change, MIT

15:30–16:00 **Coffee Break**

16:00–17:30 **Session 4. Sectoral Targets and Technology Options**

Presenters: Dr. Sergey Paltsev, Deputy Director, Joint Program on the Science & Policy of Global Change, MIT

Dr. Steven Rose, Senior Research Economist, Energy and Environmental Analysis Research Group, EPRI

Moderator: Dr. Niven Winchester, Principal Research Scientist, Joint Program on the Science & Policy of Global Change, MIT

- 17:30–18:00 **Reception**
- 18:00–19:30 **Dinner & Talk: The Paris Agreement and the Global Stocktake**
Introduction: Prof. Ronald Prinn, Co-Director, Joint Program on the Science & Policy of Global Change, MIT
Presenter: Dr. Iulian Florin Vladu, Manager, Science and Review, Adaptation Programme, United Nations Climate Change Secretariat

WEDNESDAY, MARCH 28

All meeting sessions held in Rooms 5 and 6

- 8:00–8:30 **Registration & Light Breakfast**
- 8:30–9:55 **Session 5. Challenging Sectors for Mitigation**
Presenters: Dr. Niven Winchester, Principal Research Scientist, Joint Program on the Science & Policy of Global Change, MIT
Dr. Eric Masanet, Associate Professor, Mechanical, Chemical and Biological Engineering, Northwestern University
Dr. Gary M. Pierzynski, University Distinguished Professor and Head of Department of Agronomy, Kansas State University
Moderator: Dr. Erwan Monier, Principal Research Scientist, Joint Program on the Science & Policy of Global Change, MIT
- 9:55–10:15 **Coffee Break**
- 10:15–12:00 **Session 6. Panel: Update on Views for Paris – Policy Implications**
Presenters: Dr. Kenneth Kimmell, President, Union of Concerned Scientists
Mr. Michael Mehling, Deputy Director, CEEPR
Dr. Achala Abeysinghe, Principal Researcher, Climate Change, International Institute for Environment and Development (IIED)
Dr. Zhang Xiliang, Prof. of Management Science & Engineering, Director of the Institute for Energy, Environment & Economy, Tsinghua University
Dr. Radhika Khosla, Research Director, Oxford India Centre for Sustainable Development, University of Oxford.
Moderator: Prof. Henry Jacoby, William F. Pounds Professor of Management, Emeritus, Sloan School of Management, MIT
- 12:00–12:45 **Keynote Address**
Prof. Ernest J. Moniz, Cecil and Ida Green Professor of Physics and Engineering Systems Emeritus and Special Advisor to the MIT President
- 12:45–13:00 **Closing Remarks**
Dr. John Reilly, Co-Director, Joint Program on the Science & Policy of Global Change, MIT
- 13:00 **Lunch**
- 14:30–15:30 **Campus Tour – Meet at registration desk**