JOINT ADVANCE-COMPLEX MEETING

Venue: Gallo Rosso, Franz Joseph-Platz 3, Laxenburg, Austria
20 November 2013
AGENDA

8:15	*Departure with shuttle bus from hotels to IIASA (2 separate buses)* ***Hotel Prinz Eugen*** *(Wiedner Gürtel 14, 1040 Vienna) and* ***Grand Hotel Mercure Biedermeier*** *(Landstraßer Hauptstraße 28, 1030 Vienna)*
9:00	Welcome from host: **Nebojsa Nakicenovic**, Deputy Director, IIASA (10 minutes) Opening Remarks: **Keywan Riahi**, Energy (ENE) Program, IIASA and **Elena Rovenskaya**, Advanced Systems Analysis (ASA) Program, IIASA (5 minutes)

9:15-10:00 **Joint Plenary Session with ADVANCE and COMPLEX**
Chairpersons: Keywan Riahi and Elena Rovenskaya
This meeting brings together participants of the two FP7-funded projects under the Theme Env.2012.6.1-1 Development of advanced techno-economic modeling tools for assessing costs and impacts of mitigation policies -- COMPLEX and ADVANCE.

The joint ADVANCE-COMPLEX meeting aims at exchanging of projects' first results, as well as at exploring possible synergies between the two projects in three dimensions: (i) Model Documentation, Dissemination, Validation and Transparency, (ii) Uncertainty, Risk, Innovation and Opportunity, and (iii) Land, Water use and Energy.

Introduction:
Nick Winder, COMPLEX coordinator (15 minutes)
Newcastle University
Elmar Kriegler, ADVANCE coordinator (15 minutes)
Potsdam Institute for Climate Impact Research (PIK)
Discussion (15 minutes)

Additional information:
COMPLEX: http://www.complex.ac.uk/
ADVANCE: http://www.fp7-advance.eu/

10:00-10:15 **Coffee Break**

10:15-12:00 **Keynote Presentations on the Cross-cutting Topics**
Chairpersons: Nick Winder and Elmar Kriegler

Model Documentation, Dissemination, Validation and Transparency(20 +10 minutes)
COMPLEX: **Alexey Voinov**, Faculty of Geo-Information, Science and Earth Observation of the University of Twente
ADVANCE: **Volker Krey**, International Institute for Applied Systems Analysis (IIASA)

Uncertainty, Risk, Innovation and Opportunity(20 +10 minutes)
COMPLEX: **Benjamin Renard**, National Research Institute of Science and Technology for Environment and Agriculture
ADVANCE: **Johannes Emmerling**, FondazioneEni Enrico Mattei (FEEM)

Land, Water use and Energy(20 +10 minutes)
COMPLEX: **Cheryl de Boer**, Twente Centre for Studies in Technology and Sustainable Development
ADVANCE: **Ioanna Mouratiadou**, Potsdam Institute for Climate Impact Research (PIK)

Discussion (15 minutes)

12:00-13:00	**Lunch (at the venue)**

13:00-14:15	**Breakout Session 1: Model Documentation, Dissemination, Validation and Transparency** Location: Gvishiani Room, IIASA Main Building, Schlossplatz 1 *Chairpersons:* **Alexey Voinov and Volker Krey**
13:00-14:15	**Breakout Session 2: Uncertainty, Risk, Innovation and Opportunity** Location: Gallo Rosso, Franz Joseph-Platz 3 *Chairpersons:* **Benjamin Renard and Johannes Emmerling**
13:00-14:15	**Breakout Session 3: Land, Water use and Energy** Location: Green Coffee Room, IIASA Schloss Restaurant, Franz Joseph-Platz 1 *Chairpersons:* **Cheryl de Boer and Ioanna Mouratiadou**
14:30	**Adjourn to respective individual meetings** **COMPLEX Meeting – Gvishiani Room, IIASA Main Building, Schlossplatz 1** **ADVANCE Meeting – Wodak Room, IIASA Main Building, Schlossplatz 1**
14:30	*Shuttle bus transfer for COMPLEX participants to* ***Hotel Prinz Eugen*** *(Wiedner Gürtel 14, 1040 Vienna)*

ADVANCE MEETING

20–22 November 2013
Location: Laxenburg, IIASA (Wodak Room)
AGENDA

Wednesday, Nov 20, 2013

14:30 - 14:45	Welcome, introduction and objectives of the meeting *Gunnar Luderer*

Chairperson: Keywan Riahi

14:45 – 15:45	Session on model documentation and diagnostics • Presentation on the reference cards and model documentation wiki *Matthew Winning, UCL* • Discussion and coordination with community activities

15:45 - 16:00	Coffee Break

Chairperson: Volker Krey

16:00 – 17:00	Session on model documentation and diagnostics (cont'd) • Diagnostic scenarios and community activities on diagnostics (IAMC) *Elmar Kriegler, PIK* • ADVANCE scenario database with automated diagnostics and climate simulations *Volker Krey, IIASA* • Discussion and next steps

17:00 – 18:00	Energy demand modeling • Report back from transport workshop *David McCollum, IIASA* • Results from stock-taking exercises *Oreane Edelenbosch, PBL*

18:00	*Departure with shuttle bus from IIASA to hotel*

19:30	Social Dinner: Stadtwirt, Untere Viaduktgasse 45, 1030 Vienna (Walking distance from the hotel – 450 meters) www.stadtwirt.at http://goo.gl/maps/p2swD

Thursday, Nov 21, 2013

8:15	*Departure with shuttle bus from hotel to IIASA*

Chairperson: Detlef an Vuuren

9:00 – 9:30	WP4: Technological change and uncertainty *Massimo Tavoni, FEEM*

9:30 – 10:15	WP5: Resource requirements of the energy system • Land use-water-energy nexus *Ioanna Mouratiadou, PIK* • Life cycle assessment of energy technologies *Anders Arvesen, NTNU* • Accounting for internal energy demand and resource requirements in energy-economic models *Gunnar Luderer, PIK*

10:15 – 10:45	WP5: Systems Integration of variable renewable energy • Report from Snowmass workshop on VRE modeling in IAMs *Patrick Sullivan, NREL* • Status of scenario work *Robert Pietzcker, PIK*

10:45 – 11:00	Coffee Break

11:00 – 12:30	Parallel breakout groups • WP2: Modeling of energy service demand and end use technologies *Detlef van Vuuren (Raiffa Room)* • WP4: Technological change and uncertainty *Massimo Tavoni (Gvishiani Room)*

12:30 - 13:30	Lunch

Chairperson: Massimo Tavoni

13:30 - 14:15	Report back from the breakout groups

14:15 - 14:45	WP3: Behavioral aspects *Keywan Riahi and Charlie Wilson*

14:45 – 16:15	Parallel breakout groups • WP3: Behavioral aspects *Keywan Riahi and Charlie Wilson (Raiffa Room)* • WP5: Systems Integration of VRE, path dependencies and resource constraints *Gunnar Luderer (Gvishiani Room)*

16:15 - 16:30	Coffee break

16:30 - 18:00	Open space for further work and informal interaction in smaller groups on specific topics / leftovers from the BOGs.

18:00	*Departure with shuttle bus from IIASA to hotel*

Friday, Nov 22, 2013

8:15	*Departure with shuttle bus from hotel to IIASA*

Chairperson: Elmar Kriegler

9:00 - 9:45	Report back from the breakout groups to the plenary
9:45 - 10:45	Policy Impact Assessment: First results of the gap analysis *Bert Saveyn and Zoi Vrontisi, IPTS*
10:45 - 11:00	Coffee Break
11:00 - 11:30	Feedback from Scientific Advisory Board
11:30 – 11:45	Management & deliverables *Laura Delsa, PIK*
11:45 - 12:45	Wrap-up session
12:45	Adjourn
13:30	*Departure with shuttle bus from IIASA to hotel*