

KICK-OFF MEETING

of the LIMITS Project - Low climate impact scenarios and the implications of required tight emission control strategies

Milan, October 10-12, 2011
Fondazione Eni Enrico Mattei
Corso Magenta 63

LIMITS (Low climate IMPact scenarios and the Implications of required Tight emission control Strategies) is a research project that aims at advancing the understanding of the implementation of climate policies consistent with 2 degree Celsius. The main objective of the project is to provide an assessment of the emissions reductions strategies at the level of the world and the major global economies, and to assess their implementation in terms of:

- Defining emission reduction pathways according to different assumptions about technology availability, policy regimes, implementation obstacles, and evaluating the regional distribution of mitigation at the level of major economies;
- Assessing the investment requirements to implement these transformation pathways and the finance mechanisms such that these resources can be best raised and allocated. Evaluating the national and international policies which are needed to ensure that the transition to a low carbon energy infrastructure is attained efficiently, given specific obstacles in the respective economies;
- Quantifying the changes in the energy infrastructure and land use which major economies need to implement to attain stringent climate policies;
- Evaluating the linkages of climate policies with other issues such as energy security, air pollution and economic development.

LIMITS is a 3 year research project, with ten partners from Europe, China, India, and collaborators from the US and Japan. It consists of 7 main workpackages and aims at carrying out and disseminating original research in the field of climate and energy policies.

The aim of this first stakeholder workshop is to initiate a dialogue between the LIMITS project and relevant stakeholders on issues related to the implementation of climate stabilization policies. This first meeting is organized around 2 main discussion sessions, which will aim at identifying knowledge gaps and formulate those into relevant research questions which can be addressed within the LIMITS project. Specifically, each session will begin with presentations by project partners based on modeling results. External stakeholders will then have the chance to express their views on they see as the most critical factors and how can they be incorporated into modeling and policy research work. For each topic, the key questions of interest are: What are the most pressing policy questions and how can they be incorporated into integrated assessment models? In which way can modeling and policy work best interact and inform stakeholders?

Monday, October 10, 2011 - Internal Partners Meeting (Room: Sala Consiglio)

12.30 - 13.30 *Light lunch*

13.30 Welcome

Massimo **Tavoni** – Project Coordinator, FEEM
Susana **Calsamiglia-Mendlewicz** – Project Officer, EC

14.00 Brief presentation of partners (5 min. per partner)

Each project partner briefly introduces himself/herself, its own expertise, modeling capabilities (if any) and role in the project.

14.30 LIMITS Structure and Overall Goals

Massimo **Tavoni** – FEEM, Project coordinator

Workpackages deep dives

WPs will be presented by the responsible lead teams. The WP overarching questions and objectives will be discussed, with explicit reference to the key steps which are required to answer them. All partners responsible for specific tasks will be asked to explain how they intend to carry out and organize the required work involved, including definition of subtasks and attribution of responsibilities. We will seek continued reference to the marker modeling scenarios presented in WP1.

15.00 WP1: Global Mitigation pathways for limiting global temperature increase below 2°C

Chair: Elmar **Kriegler** – PIK, WP1 leader

- WP structure, timeline and relation with other WPs (PIK)
- Task 1.1: Feasibility frontier of the 2C target (PIK)
- Task 1.2: The impact of fragmented policies on reaching the 2C target (PIK)
- Task 1.3: Regional distribution of mitigation costs and possible compensation mechanisms (PIK)
- Task 1.4: Synthesis of scenario results and identification of a useful scenario set for detailed investigation (PIK)
- Relation to other WPs (input and output)

16.30 -17.00 *Coffee break*

17.00 WP2: Implementation in major economies: Policy, institutional and financing needs

Chair: Massimo **Tavoni** – FEEM, WP2 leader

- WP structure, timeline and relation with other WPs (FEEM)
- Task 2.1. A quantitative assessment of the economic resources required to achieve 2C (FEEM)
- Task 2.2. Financing mechanisms (LSE)
- Task 2.3. The role of global and local policies in mobilizing the transformation (ECN)
- Task 2.4: Regional policies under second-best conditions (PIK)
- Task 2.5. Institutions for supporting major developing countries in adopting to a low carbon world (LSE)
- Relation to other WPs (input and output)

18.30 Adjourn

20.00 *Social dinner*

Tuesday, October 11, 2011 - Internal Partners Meeting (Room: Sala Consiglio)

9.00 WP3: Implementation in major economies: Changes to energy infrastructure and land use patterns

Chair: Detlef **van Vuuren** – UU, WP3 leader

- WP structure, timeline and relation with other WPs (UU)
- Task 3.1: Regional assessment and modelling of climate policy scenarios (2C scenarios) (UU)
- Task 3.2: Evaluating the reduction rates of the 2oC scenarios (UU)
- Task 3.3: The regional land use implications of reaching the 2oC target (UU)
- Relation to other WPs (input and output)

10.30 -11.00 *Coffee break*

11.00 WP4: Multiple benefits of climate mitigation and implications for development

Chair: Keywan **Riahi** – IIASA, WP4 leader

- WP structure, timeline and relation with other WPs (IIASA)
- Task 4.1: Co-benefits of climate mitigation for air pollution control costs and human health (JRC)
- Task 4.2: Co-benefits of climate mitigation for energy security (CEU)
- Task 4.3: Implications of climate mitigation for economic development (LSE)
- Relation to other WPs (input and output)

12.50 Synergies with ECF project on major economies

Jorg **Haas** – ECF

13.00 -14.00 *Welcome lunch*

**14.00-19.00 LIMITS 1st Stakeholder Workshop “IMPLEMENTING LOW CARBON POLICIES”
(Room: [Sala Cinema](#))**

**This part of the program is open to the public. See the detailed agenda of the 1st Stakeholder Workshop of the LIMITS Project. (Document “Agenda II” in the folder).*

Wednesday, October 12, 2011 - LIMITS Internal Partners Meeting (Room: Sala Consiglio)

9.00 Comments and suggestions from external advisors

Hans Holger **Rogner** – IAEA

9.30 Additional comments and requests

Massimo **Tavoni** on behalf of Ray **Kopp**, Alessandro **Lanza** and Bert **Metz**

9.45 FP7 Financial Report Rules

Susana **Calsamiglia-Mendlewicz** – EC

10.00 WP5/6: Outreach, Dissemination and Communication

(FEEM and ECN)

10.30 -11.00 Coffee break

11.00 WP1 'reloaded': final definition of scenario matrix and interaction with other WPs

Interface of WPs

11.30 Interface and harmonization of all WPs

(Project Steering Committee)

12.00 Concluding comments

(FEEM)

12.15-13.00 Light lunch

13.00 Visit to Leonardo Da Vinci 'Last Supper' (FEEM courtesy)

13.30–14.30 Coordination Board Meeting