



## 5<sup>th</sup> Expert meeting

### **MATCH - Ad hoc group for the modelling and assessment of contributions of climate change**

**Date:** 11 to 12 April 2005, Rio de Janeiro, Brazil

**Venue:** Hotel Rio Internacional  
Main Room: PELICANO or ALBATROZ (tbd)  
Small Room: CONDOR

**Address:** Av Atlântica 1500, Copacabana  
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Rio de Janeiro, Brazil

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**To:** Participants of expert meetings on the scientific and methodological aspects of the proposal by Brazil / MATCH

**Cc:** IPCC Chair: Rajendra K. Pachauri  
IPCC Vice chairs: Richard Odingo, Mohan Munasinghe, Yuri A. Izrael  
IPCC WGI Co-chairs: Dahe Qin, Susan Solomon  
IPCC WGII Co-chairs: Osvaldo Canziani, Martin Parry  
IPCC WGIII Co-chairs: Ogunlade Davidson, Bert Metz  
IPCC Secretariat: Renate Christ  
WCRP: David Carson, Director  
IGBP: Will Steffen, Executive Director  
IHDP: Barbara Göbel, Executive Director  
UNFCCC: Halldor Thorgeirsson, Coordinator

Dear colleagues,

The “Ad-hoc group for the modelling and assessment of contributions to climate change (MATCH)” is scheduled to meet from 11 to 12 April 2005 in Rio de Janeiro, Brazil. Given your expertise on the subject and your participation in earlier expert meetings, Ecofys acting as the support unit to MATCH is inviting you on behalf of the government of Brazil and DEFRA, UK to attend this expert meeting.

Since the fourth expert meeting that was held in Cologne in May 2004, where the Scientific Coordination Committee (SCC) had its constitutional meeting, the following activities were undertaken under its supervision and guidance:

- Paper No. 1 “Analysing countries’ contribution to climate change: Scientific uncertainties and methodological choices” was finished by the lead authors Michel den Elzen, Jan Fuglestvedt, Niklas Höhne, Cathy Trudinger, Jason Lowe, Ben Matthews, Bård Romstad, Christiano Pires de Campos, and Natalia Andronova. The paper was submitted for peer review in autumn 2004. The authors are now awaiting the reviewers’ comments.



- As requested by the SBSTA, MATCH reported back to SBSTA 20 in June 2004. The ad-hoc group MATCH and the approach taken by the experts were presented to SBSTA 20 on 21 June during the evening session from 7 p.m. to 9 p.m. Ecofys delivered a presentation on introducing to the MATCH process while other members of the scientific coordination committee delivered a second presentation introducing the first joint paper of MATCH to the audience.
- A trust fund for developing country experts' participation was installed and the SCC was informed about its volume. Funding was identified by Ecofys and the fund is also administered by the support unit Ecofys. The trust fund provides funding for developing country experts to attend expert meetings. The SCC agreed on funding criteria for experts from developing countries and makes decisions on each individual request put forward to the SCC. Contributions from three governments were received. A report to the funding institutions for expenses connected to the last expert meeting was prepared for the contributing institutions.
- The lead authors contributing to paper No. 2 "Attributing a fraction of climate change to a nation's historical emissions: closure and scientific uncertainty" met in September 2004 in Exeter to review the outline of the paper as proposed at the 4<sup>th</sup> expert meeting. A more thorough discussion on the content and the required scientific input followed. The draft document will be made available to all MATCH participants prior to the expert meeting.

The meeting is planned from 11 April 2005 (9.30h) to 12 April 2005 (17.30) at the Hotel Rio Internacional, Rio de Janeiro, Brazil. It will be of a scientific character, a "work-in-progress" meeting. Participants will further advance the scientific work that has been carried out so far. It is planned that experts will elaborate on the following topics:

- Short review of work done since May 2004 (e.g. paper No. 1)
- Discussion on the revised outline and content of paper No. 2 and detailed discussion of further progressing with drafting and finalising the paper
- Discussion on how to continue with paper No. 3 and No. 4
- Review of MATCH work plan until November 2005 and update with previous plan if needed
- Allocation of tasks until next meeting.

We would be grateful, if you could confirm your ability to attend this meeting by returning the attached attendance form to *Christina Frank* by e-mail ([C.Frank@ecofys.de](mailto:C.Frank@ecofys.de)) or by fax (+49 221 510 907 49) no later than 4 March 2005.

Experts are expected to organize their own accommodation. A bloc booking has been organised for a total of 25 apartments between 10 to 13 April 2005, first come, first serve at the Hotel Internacional. Please identify yourself as authorised person to take advantage of the bloc booking by mentioning the name of FUNDAÇÃO COPPETEC. The code to operationalize the reservations will be working only after the carnival. Prices depending on size of the room: R\$ 260,00 (95 USD) / R\$ 340,00 (126 USD) / R\$ 440,00 (163 USD) + 10% (service tax) + 5% (ISS)+ R\$ 5,00 per day (Room Tax).

We are keen that developing countries expert will participate in this meeting. We would like to remind MATCH participants from developing countries that funding for travel and accommodation costs are available for this meeting. Developing country participants are eligible for travel funding, who are active in the field of climate modeling and can substantively contribute to the debate and are committed to be continuously involved in the process, which



preferably includes also contributions to the preparation of scientific papers. MATCH experts from developing countries are invited to send a request for funding travel costs also to *Christina Frank* by e-mail ([C.Frank@ecofys.de](mailto:C.Frank@ecofys.de)). Applicants will receive a response from Ecofys acting as the support unit administering the trust fund on the decision made by the SCC on an individual request.

Yours sincerely,

*Niklas Höhne*  
Support Unit, Ecofys Germany

Enclosures:  
Draft Agenda 5<sup>th</sup> Expert Meeting  
Registration Form

### **Background:**

As part of the negotiations on the Kyoto Protocol, the delegation of Brazil made a proposal, in May 1997, to set differentiated emissions reduction targets for Parties according to the impact of their historic emissions on temperature rise (FCCC/AGBM/1997/MISC.1/Add.3).

The scientific and methodological aspects of the proposal have been transferred to the SBSTA. Two expert meetings on the subject have been organised by the UNFCCC in the past:

- The first expert meeting reviewed the scientific and methodological aspects of the proposal by Brazil. The meeting took place from 28 to 30 May 2001 in Bonn, Germany. Conclusions of that meeting can be found in document FCCC/SBSTA/2001/INF.2
- The second expert meeting was organized to assess the preliminary results provided by the participating research institutions, as requested by the UNFCCC secretariat, to provide new and comparable results on the issue of contributions to climate change. The meeting took place from 25 to 27 September 2002 in Bracknell, UK. Conclusions of that meeting can be found in document FCCC/SBSTA/2002/INF.14

During SBSTA 17 (New Delhi, October/November 2002), the SBSTA agreed that work on the scientific and methodological aspects of the proposal by Brazil should be continued by the scientific community and that such work should be of a standard consistent with the practices of peer-reviewed published science. It invited the scientific community, including scientific and assessment programmes, such as the International Geosphere-Biosphere Programme, the World Climate Research Programme, the International Human Dimensions Programme on Global Environmental Change and the Intergovernmental Panel on Climate Change to provide information to Parties, and each other, on their interests in the work. The original text of the conclusions on the item "Scientific and methodological aspects of the proposal by Brazil" as adopted by the SBSTA are attached (FCCC/SBSTA/2002/L.24).

As this activity now could not further be supported by the UNFCCC secretariat, the governments of Brazil and the United Kingdom of Great Britain and Northern Ireland



supported a third expert meeting on the Brazilian proposal in 2003. The Government of Germany kindly offered host the meeting. The third expert meeting was held from 8 to 9 September 2003 in Berlin, Germany. The meeting resulted in terms of reference for the group and a draft work plan for a process until 2005. The now called “Ad-hoc group for the modelling and assessment of contributions to climate change (MATCH)” will focus discussions on the modelling and assessment of the contributions of sources of emissions to climate change, to improve the robustness of the preliminary results and to explore the uncertainty and sensitivity of the results to different assumptions. A new website was developed ([www.match-info.net](http://www.match-info.net)) to allow participants to effectively exchange recent information and new scientific publications via a web interface. A scientific coordination committee was formed to assist with the scientific tasks to be undertaken within the framework of this voluntary activity.

Following the third expert meeting, the UK government is continuing to support a “support unit” at Ecofys Germany to ensure that further scientific expert meetings will be organized and held, information is disseminated and progress is made in this voluntary scientific activity. Continued support is available until November 2005, where the final results of MATCH will be reported to SBSTA.