

POSSIBLE FUTURE WORK OF MATCH

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Several options exist how the MATCH group could continue its work beyond 2005. Some options are sketched out in this paper to be discussed at the MATCH meeting on October 2005.

Option A: Continuation of present situation

The MATCH group could extend the time horizon of its work for e.g. 3 more years and continue to work on scientific and methodological aspects related to contributions to climate change. The group would generate as output scientific papers on contributions to climate change, including more sensitivity and regional detail. The participation with respect to competence could stay unchanged.

Option B: Development of a tool

It could be desirable to develop a computer tool that could widely be used to calculate contributions to climate change. The user would select the specific input emission data and would make the policy choices like a time horizon and indicator.

Option C: Application of the contribution results

To move the content of the work one step further, the group could explore using the results of the contribution calculation, e.g. in burden sharing or contributions to adaptation fund. Several groups have published work on burden sharing using the Brazilian proposal (approx. 6 groups). They could potentially be interested in a joint paper.

Option D: Assessment of future regime designs

Finally, the group could broaden the scope even wider to assess the options for the design of a future international climate regime such as a Multistage approach, Triptych or Contraction and Convergence. The focus of the work should be quantitative analysis resulting in scientific papers.

Table 1 provides an overview of the options.

Table 1. Summary of the options

	Continuation of present situation	Development of a tool	Application of the contribution results	Assessment of future regime designs
Topics of work	Regional/national contributions to climate change	Regional/national contributions to climate change	Emission allowances as a result of applying the Brazilian Proposal	Options for the design of the international climate regime post 2012
Potential participants	Climate modellers (from simple climate models to more complex models)	Developers of simple climate models plus potentially computer specialists, small group	Research institutions that applies the Brazilian proposal, e.g. RIVM, Ecofys CICERO, Kyoto University, ...	Research institutions working on policy options, e.g. ...
Outputs	Joint scientific papers (and info to policymakers) on contributions to climate change, more sensitivity, indicators and regional detail	A computer tool to calculate contributions to climate change using user defined parameters and emission data	Joint scientific papers (and info to policy makers) on the application of the Brazilian Proposal	Joint scientific papers (and dialog with policy makers) on the options for an international climate regime post 2012
Arguments in favour	Still the full uncertainty space needs to be explored and models can be improved.	A standard tool would cope with the fact that the policy choices are more important than scientific uncertainties	Now that we have the results what would be their application (as a principle for burden sharing or as one element in a burden sharing scheme)? Relevant for policy makers working on preparations for post 2012 regimes.	Very high interest by policy makers working on preparations for post 2012 regimes.
Arguments against	Interest by the policy community for additional work may be low	Do not need a group and coordinated process for this. Difficult to design the one standard. Can it be misused? Interest by the policy community may be low. (?)	The Brazilian proposal is not the most discussed option on future international climate policy	Very broad scope. Need to define our role clearly. Would need to emphasize role of uncertainty in climate and regional issues