

## **ADAM - Adaptation and Mitigation Strategies: supporting European climate policy**

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- 9) Funding source(s):**
  - EU
  
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PIK - Potsdam Institute for Climate Impact Research, Telegrafenberg A 31, 14473, Potsdam, Ger-

**11) Short Summary:** ADAM aims at a better understanding of the trade-offs and conflicts that exist between adaptation and mitigation policies. It will support EU policy development in the next stage of the development of the Kyoto Protocol and will inform the emergence of new adaptation strategies for Europe.

**12) Keywords:** Climate Economics, Climatology, Economic, Financial and Social Policy, Economics, Environmental Economics, Environmental Management, Environmental Policy, Environmental Policy and Decision Making, European Law, Political Economics

**13) Project description:**

The core objectives of ADAM (ADaptation And Mitigation) are:

To assess the extent to which existing and evolving EU (and world) mitigation and adaptation policies can achieve a tolerable transition (a 'soft landing') to a world with a global climate no warmer than 2°C above pre-industrial levels, and to identify their associated costs and effectiveness, including an assessment of the damages avoided compared to a scenario where climate change continues unchecked to 5°C.

To develop and appraise a portfolio of longer term strategic policy options that could contribute to addressing identified shortfalls both between existing mitigation policies and the achievement of the EU's 2°C target, and between existing adaptation policy development and implied EU goals and targets for adaptation.

To develop a novel Policy-options Appraisal Framework and apply it both to existing and evolving policies, and to new, long-term strategic policy options, so as to inform: European and international climate protection strategy in post-2012 Kyoto negotiations, a re-structuring of International Development Assistance, the EU electricity sector and regional spatial planning.

The ADAM project will lead to a better understanding of the synergies, trade-offs and conflicts that exist between adaptation and mitigation policies at multiple scales. Crucially, ADAM will support EU policy development in the next stage of the development of the Kyoto Protocol, in particular negotiations around a post-2012 global climate policy regime, and will inform the emergence of new adaptation strategies for Europe. In research on adaptation policy options, special attention will be paid to the role of extreme weather events both as exposing vulnerability and as a signal for future change. The main impact of the ADAM project will be to improve the quality and relevance of scientific and stakeholder contributions to the development and evaluation of climate change policy options within the European Commission. This will help the Commission to deliver on its current medium-term climate policy objectives and help inform its development of a longer-term climate strategy.

**14) Popular description:** no entry

**15) Graphics:** no entry

**16) Publications:**

- Aaheim, Asbjørn; Dokken, Therese; Hochrainer, Stefan; Hof, Andries; Jochem, Eberhard; Mechler, Reinhard; Vuuren, Detlef P. van; Neufeldt, Henry; Wei, Taoyuan. 2010-01-01. National responsibilities for adaptation strategies, Lessons from four modelling frameworks. The Adam book series from Cambridge University Press, Cambridge University Press, Cambridge University Press, Cambridge University Press, 87-112.

- Hulme M., Neufeldt H., Colyer H. and Ritchie A. 2009-06-30. ADAM - Final Report revised June 2009. [www.adamproject.eu](http://www.adamproject.eu), University of East Anglia, Norwich, UK, 47.

**17) Links to important web pages:**

- <http://www.adamproject.eu/>