



## ROYAL COMMISSION ON ENVIRONMENTAL POLLUTION

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Sir Nicholas Stern  
Head of Stern Review  
HM Treasury, 1 Horse Guards Road  
London SW1A 2HQ

12 December 2005

Dear Sir Nicholas

### REVIEW OF ECONOMICS OF CLIMATE CHANGE

Further to Sir John Lawton's letter of 8 December, I have pleasure in enclosing references for some climate change publications that may be of use to your Review. I have arranged for hard copies of some of these to be sent to your colleague Sebastian Catovsky.

Please do not hesitate to contact me if I can be of further assistance or if there is any difficulty getting hold of these documents.

Yours sincerely

*Diana Wilkins*

**Diana Wilkins**  
Secretariat

The following references do not necessarily reflect the views of the Royal Commission but may be of interest to the review.

## References

### *General*

Steffen, W. et al. (2003) *Global Change and the Earth System. A planet under pressure.* The IGBP Series. Springer, Berlin.

### *Mitigation*

Barker, T. & Ekins, P. 2004 'The costs of Kyoto for the US economy', *The Energy Journal*, Vol. 25 No. 3, 2004, pp.53-71

Barker, T., Koehler, J. & Villena, M. 'The costs of greenhouse gas abatement: a meta-analysis of post- SRES mitigation scenarios', *Environmental Economics and Policy Studies*, Vol.5, 2002, pp. 135-166

Rayner, S. & E.L. Malone (eds) 1998. *Human Choice and Climate Change: An International Assessment, Volume 1, The Societal Framework.* Battelle Press, Columbus, Ohio, 1998. (*Copies of Vols 1 to 4 sent to Sebastian Catovsky*)

Rayner, S. & E.L. Malone (eds) 1998. *Human Choice and Climate Change: An International Assessment, Volume 2, Climate Change Resources and Technology.* Battelle Press, Columbus, Ohio, 1998.

Rayner, S. & E.L. Malone (eds) 1998. *Human Choice and Climate Change: An International Assessment, Volume 3, The Tools of Policy Analysis.* Battelle Press, Columbus, Ohio

Rayner, S. & E.L. Malone (eds) 1998. *Human Choice and Climate Change: An International Assessment, Volume 4, What Have We Learned?* Battelle Press, Columbus, Ohio, 1998. Also translated and published in Japanese by Japan UNI Agency Inc. Tokyo 1999.

A short summary of the recommendations from the 4 volumes was published in *Nature*: see Rayner, S. & E.L. Malone 1997. *Zen and the Art of Climate Maintenance.*

*Nature*, 390:332-4 ([http://www.nature.com/nature/journal/v390/n6658/abs/390332a0\\_fs.html;jsessionid=C76EB1E416A6D37529611F5759224C10](http://www.nature.com/nature/journal/v390/n6658/abs/390332a0_fs.html;jsessionid=C76EB1E416A6D37529611F5759224C10))

With respect to the problems with getting the US engaged in climate policy: Rayner, S. 1993. *Prospects for CO<sub>2</sub> Emissions Reduction Policy in the USA*, *Global Environmental Change*, 3(2):12-31

Mitigation measures, including emissions trading for cars: German Advisory Council on the Environment (SRU). (2005). *Reducing CO<sub>2</sub> emissions from cars.*

[http://www.umweltrat.de/english/edownloa/specrepo/Reducing\\_CO<sub>2</sub> Emissions from Cars.pdf](http://www.umweltrat.de/english/edownloa/specrepo/Reducing_CO2_Emissions_from_Cars.pdf)

Some potential economic benefits of mitigation: Royal Institute of Chartered Surveyors (RICS) (2005). Green Value, green buildings good for business. See <http://www.rics.org/NR/rdonlyres/75CFF9BD-DD3D-47FA-A0BE-1088237D3398/0/GreenValueSummary.pdf>

*Climate change and cities*

Chinese eco-cities – contact [peter.head@arup.com](mailto:peter.head@arup.com) (*presentation sent to Sebastian Catovsky*)

Climate change and urban areas – University College London workshop, 2005

[http://www.ucl.ac.uk/environment-institute/workshop\\_climate\\_change.pdf](http://www.ucl.ac.uk/environment-institute/workshop_climate_change.pdf)

*Innovation*

DTI (2003). Competing in the global economy. The innovation challenge. DTI, London. See

<http://www.dti.gov.uk/innovationreport/>

Foxon, T.J. (2003). Inducing innovation for a low carbon future. ICCEPT report for Carbon Trust, Carbon Trust London, UK. See

[http://www.thecarbontrust.co.uk/carbontrust/climate\\_change/iocc4\\_2\\_4.html](http://www.thecarbontrust.co.uk/carbontrust/climate_change/iocc4_2_4.html)

Foxon (2003) and Smith, D. & Skea, J. (2003). Resource Productivity Innovation: Systematic Review. Final Report to DTI, London. See [http://www.sd-](http://www.sd-research.org.uk/documents/RPISystematicReview-FinalReportSept03.doc)

[research.org.uk/documents/RPISystematicReview-FinalReportSept03.doc](http://www.sd-research.org.uk/documents/RPISystematicReview-FinalReportSept03.doc)

*Additional contacts*

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Prof Bert Metz (IPPC WG III - Mitigation), Netherlands