

## **Update from the time accounting subgroup**

### **Subgroup members**

Jeremy Martin (chair)  
Jesper Hedal Kløverpris (co-chair)  
James Duffy  
Keith Kline  
Michael O'Hare  
Steffen Mueller

### **Task a: Evaluation of different methods for time accounting (Steffen)**

Considered covered by report from workshop on 'the time value of carbon and carbon storage' arranged by World Resources Institute in Washing DC, April 2010.

### **Task b: Estimating social costs and benefits of fuel substitution (Mike)**

Memo under preparation taking its point of departure in the time accounting method being developed by Jesper and Steffen.

### **Task c: Evaluation of how to incorporate the "reversibility" of impacts over time (Jeremy)**

Draft memo has been distributed. The group has discussed 'uncertainty' vs. 'consistency'. The reversibility issue may end up being covered under task d.

### **Task d: Evaluation of the effects of methods that incorporate improved baseline data for land use and emissions (Jesper)**

Lit. review of land use (baseline) projections more or less completed. Implications for time accounting are being discussed in a paper under preparation.

### **Task e: Assessment of an alternative conceptual approach to LUC emissions over time (Keith)**

A literature review of the forest transition LUC model was undertaken to consider how it might support improved scenarios and guide improvements in the portrayal of expected effects of bioenergy GHG emissions over time.

### **Task f: Numerical comparison of the different time accounting methods (Jim)**

To be initiated...

### **Technical advisors to be invited**

Alan Grainger, University of Leeds. Willingness to participate confirmed.  
Liz Marshall, World Resources Institute. Willingness to participate confirmed.  
Bart Strengers, Netherlands Environmental Assessment Agency. Currently not available (on leave).  
Mark Trexler, Climate Markets/Strategies, DNV (Det Norske Veritas). Under consideration.  
Lew Fulton, International Energy Agency. Under consideration.