

# The Stockholm Seminars

- focusing on the dynamics and stewardship of social-ecological systems

## At the intersection of climate and energy security – scenarios of fundamental global challenges

Wednesday June 9, 2010, 09.30-12.00

The Beijer Hall, the Royal Swedish Academy of Sciences,  
Lilla Frescativägen 4, Stockholm

The world as we have known it is changing. The fossil fuels that have predicated the matchless expansion of the 20th century show difficulties in keeping up with increasing demand. At the same time continued use of remaining fossil deposits risks pushing the world towards catastrophic climate changes. Each of these fundamental issues – energy and climate – constitutes formidable security challenges for the global society. But the combination of the two may have consequences far beyond our imagination.

The purpose of this seminar is to explore how a combination of energy- and climate securities scenarios could be used to better understand the fundamental challenges that the world is facing, in order for us to be better prepared for a pallet of possible global and regional changes in the coming decades.

*The seminar is arranged in cooperation with the Royal University College of Fine Arts, Stockholm, and the Global Energy Systems Group, Uppsala University.*

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## Programme:

- 09:30 **Welcome** and introduction to four scenarios created from the uncertainties of peak fossil and climate change. Moderator: Karl Halling, SEI
- 09:45 **Peak fossil: Energy and the global welfare equation**  
Kjell Aleklett, Professor, Department of Physics and Astronomy, Global Energy Systems Group, Uppsala University.
- 10:05 **Climate Change: Consequences and uncertainties**  
Johan Rockström, Professor and Director, Stockholm Environment Institute and Stockholm Resilience Centre, Stockholm University
- 10:25 **What new insights and questions rise from an integrated analysis?**  
Cross-cutting reflections from Kjell Aleklett and Johan Rockström
- 10:45 **Break**
- 11:15 **Commentaries:**  
Agnes von Gersdorff, Swedish vice-cheif negotiator on climate  
Henrietta Palmer, Professor of architecture, Royal University College of Fine Arts, Stockholm  
Kerstin Nibleus, Chairman Stockholm Environment Institute  
Anders Wijkman, Tällberg Foundation
- 11:35 **Open discussion**
- 11:55 **Closing remarks**, Karl Hallding