

# STI Studies

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## **Editorial**

### **The Challenge of Complexity**

The socio-technical systems of modern societies — such as the energy system or the financial markets — are complex systems. They are complex because of the number of interconnected components and the degree of interdependence between the actors, organizations, institutions and technologies involved. Attempts to govern these systems often fail or fall short of reaching their goals.

The article of Gerhard Fuchs and Sandra Wassermann analyzes the transformation of the energy system. It argues that successful innovations in the field of renewable energies depend on advocacy coalitions and the creation of niche markets – thus referring to the article of Rüdiger Mautz, which was published in the last issue (1/08) of STI-Studies.

Ekatarina Svetlova deals with the strategies of portfolio managers in financial markets to cope with the everyday challenge of complexity. She argues that complexity is a necessary ingredient of markets, which is reproduced by the heterogeneity of actors' attempts to reduce complexity.

Due to different technical reasons, this issue contains only two articles. But we are facing subsequent issues with a 'normal' number of contributions.

Ingo Schulz-Schaeffer

Raymund Werle

Johannes Weyer

