The Provost’s Office invites you to the University-wide Seminar

**Energy transitions: optional, necessary or just inevitable?**

**SPEAKERS**
- **FRANK GEELS** / UNIVERSITY OF MANCHESTER
- **JESSICA JEWELL** / INTERNATIONAL INSTITUTE FOR APPLIED SYSTEMS ANALYSIS
- **ALEH CHERP** / DEPARTMENT OF ENVIRONMENTAL SCIENCES AND POLICY, CEU

**PANELISTS**
- **ALEXIOS ANTYPAS** / DEPARTMENT OF ENVIRONMENTAL SCIENCES AND POLICY, CEU
- **MICHAEL DORSCH** / SCHOOL OF PUBLIC POLICY, CEU
- **MICHAEL LABELLE** / CEU BUSINESS SCHOOL; DEPARTMENT OF ENVIRONMENTAL SCIENCES AND POLICY, CEU

**MODERATOR**
- **KARL HALL** / DEPARTMENT OF HISTORY, CEU

**APRIL 27 / 15:30 / NADOR 15, QUANTUM ROOM 101**

**ABSTRACT**
To prevent global warming, societies need to radically change how they extract, transform and use energy. Such long-term structural changes called energy transitions have occurred in the past, for example when coal replaced firewood, cars replaced horses and electricity replaced steam. But can future transitions to clear energy happen fast enough to avoid dangerous climate change? Should we strive for a world dominated by new and different clean energy systems or should we prepare to live with more conventional energy on a much warmer planet? To answer these questions, we need a dialogue between history, sociology of technology, energy system analysis, economics, and political science. We bring together scholars from different disciplines to discuss how the analysis of past and current energy transitions can inform future ones.

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Light dinner to follow