



Research & Policy Workshop

A global just transition? Systemic impacts of going low-carbon

28-29 November 2019

Institute for Advanced Sustainability Studies (IASS), Potsdam, Germany

Agenda

28.11.2019	Theme & session
17:30 – 18:00	Arrival and refreshments
18:00 – 19:00	<p>Welcome</p> <p>Tour d’horizon: The geoeconomic implications of the energy transition</p> <p>Introduction to key tenets of ISIGET project & Presentation of ISIGET Policy Brief</p>
19:00	Informal dinner
29.11.2019	Theme & session
08:30 – 09:00	Coffee & registration
09:00 – 09:30	<p>The risk of an uneven energy transition: Workshop rationale and agenda</p> <p>Introduction: Andreas Goldthau, <i>Institute for Advanced Sustainability Studies</i></p>
09:30 – 11:00	<p>Unpacking shifting financial flows – Where from and where to in a low carbon world?</p> <p>The session centers on financial flows as means and end of a global energy transition, and its implications for the international political economy. Current investment in low carbon technology remains strongly biased towards OECD economies and the three emerging nations of China, India and Brazil. On the one hand, shifting investments from fossil fuels to renewable energy sources and towards the Global South will therefore be key to both facilitate the low carbon transition and to avoid uneven transition patterns. On the other hand, shifting financial flows may provide new opportunities for some regions but also novel challenges for others. The session disentangles public, private and hybrid forms of low carbon finance and explores what to expect from the deep shift underway.</p> <p>Chair: Laima Eicke, Research Associate, <i>Institute for Advanced Sustainability Studies</i></p> <p>Kate Levick, Programme Leader Sustainable Finance, <i>E3G</i></p> <p>Pieter Pauw, Adj. Ass. Professor at <i>Utrecht University and FS-UNEP Centre, Frankfurt School of Finance & Management</i></p> <p>Bronwyn Claire, Senior Programme Manager, <i>ClimateWise, University of Cambridge Institute for Sustainability Leadership (tbc)</i></p> <p>Comment: Maria Apergi, Consultant, <i>Overseas Development Institute</i></p>

29.11.2019	Theme & session
11:00 – 11:30	Coffee break
11:30 – 13:00	<p>The big shift in energy tech: creating and capturing value</p> <p>The switch from fossil fuels to renewable energy will change how and where value is created. Natural resources will become less important than technologies that transform renewable resources into power, and economic value will largely be captured where such technologies are invented and patented. As the value chains for clean energy technologies globalize, we have seen increased specialization in different technologies and activities (R&D, manufacturing, and installation). Countries have an interest in moving up the value chain; but others have an interest in making sure value creation stays at home. This session explores the trends and implications of this big shift in energy tech.</p> <p>Chair: Silvia Weko, Research Associate, <i>Institute for Advanced Sustainability Studies</i></p> <p>Florian Kern, Head of Research Ecological Economics and Environmental Policy, <i>Institute for Ecological Economy Research</i></p> <p>Rainer Quitzow, Research Group Lead, <i>Institute for Advanced Sustainability Studies</i></p> <p>Matthew Kennedy, Head of Strategy and Business, <i>International Energy Research Centre (IERC)</i></p> <p>Comment: Hauke Ward, Assistant Professor, <i>Leiden University</i></p>
13:00 – 14:00	Lunch Break
14:00 – 15:30	<p>The risk of uneven transitions. Select country case studies</p> <p>The global energy transition is highly country-specific. This session delves into a select number of case studies to contextualize transition pathways, and the extent to which states may be at risk of failing to go low carbon or seeing a decline in their relative position in (energy) value chains. The factors giving rise to such risk are manifold and may feature distinct policy choices for or against renewable energy deployment, or trade-offs between rivaling domestic policy goals. They may, however, also mirror structural causes pertaining to, for instance, financial flows or technology access. The session will focus on the interplay of domestic and structural causes shaping and structuring state behavior and government choices in the unfolding energy transition.</p> <p>Chair: Andreas Goldthau, PI ISIGET, <i>Institute for Advanced Sustainability Studies</i></p> <p>Ivan Nygaard, Chief Scientific Advisor, <i>UNEP DTU Partnership</i></p> <p>Karoline Steinbacher, Managing Consultant, <i>Navigant</i></p> <p>Paul van Son, Innogy, Hydrogen and Desert Energy Envoy & CEO <i>Dii Desert Energy</i></p> <p>Comment: Grace Mbungu, Research Associate, <i>Institute for Advanced Sustainability Studies</i></p>
15:30 – 16:00	Outlook and wrap up
16:00 – 16:30	Farewell coffee

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