

23rd REFORM Group Meeting, Salzburg – October 13 – 19, 2019
Geopolitics of the Energy Transformation and Energy Democracy
Agenda

Monday 14.10.2019	Nuclear Waste Politics in Comparison Chairpersons: Lutz Mez (BEConsultants) & Mika Ohbayashi (Renewable Energy Institute)
09.00-9.30	Welcome (Lutz Mez, BEConsultants, Berlin)
09.30-11.00	Panel 1: Challenges for Nuclear Waste Governance The Global Crisis of Nuclear Waste (Johan Swahn, MKG, Sweden) Challenges of Nuclear Waste Governance (Marcos Buser, Institute for sustainable waste management INA)
11.00-11.30	Coffee & Tea Break
11.30-13.00	Panel 2: Nuclear Waste in Sweden, Germany and Kazakhstan Nuclear Waste in Sweden (Johan Swahn, MKG, Sweden) Nuclear Waste in Germany (Ben Wealer, TU Berlin) Nuclear Waste in Kazakhstan (Kanat Baigarin, Nazarbayev University, Nur-Sultan, Kazakhstan)
13.00-15.00	Lunch
15.00-16.30	Panel 3: Nuclear Waste Management Safety arguments in nuclear waste management: media and parliamentary debates in Finland and France (Markku Lehtonen, Universitat Pompeu Fabra, Barcelona) Late Modernization? Critical reflection on the setup of the German radwaste policy and its international context (Peter Hocke, ITAS, Karlsruhe Institute of Technology)
16.30-17.00	Coffee & Tea Break
17.00-18.30	Panel 4: Nuclear Waste Policy in Japan Japan's policy for radioactive waste and contaminated soil from Fukushima Daiichi Nuclear Accident (Kenichi Oshima, Ryukoku University) Why do nuclear host municipalities refuse nuclear waste? The dynamics of Peripheralization in Japan (Yoichi Yuasa, Kanto-Gakuin University – presented by Mika Ohbayashi, REI)
19.00	Dinner
Tuesday 15.10.2019	World Nuclear Industry Status Report (WNISR) 2019 Chairpersons: Tomas Kåberger (Chalmers University) & Burkhard Auffermann (Turku University)
09.00-11.00	General Overview on the WNISR (Antony Froggatt, World Nuclear Industry Status Report) Decommissioning of Nuclear Power Plants (Ben Wealer, TU Berlin)
11.00-11.30	Coffee & Tea Break
11.30-13.00	Framing of nuclear megaproject pathologies by the OECD-NEA (Markku Lehtonen, Universitat Pompeu Fabra, Barcelona) Nuclear Industry in Japan (Eri Kanamori, Ritsumeikan University, Osaka, Japan)
13.00-15.00	Lunch
15.00-16.30	Nuclear Winter in Belgium (Aviel Verbruggen, University of Antwerp, Belgium) Nuclear Energy promotion in East European EU Member States (Leo Seserko, Environmental Protection College, Velenje, Slovenia)
16.30-17.00	Coffee & Tea Break
17.00-19.00	On the Economics of Nuclear Power – An Update (Reinhard Haas, TU Vienna) Nuclear Energy consumption, economic growth, and militarization: A multi-country causality analysis (Lars Sorge, TU Berlin)
19.00	Dinner

Wednesday 16.10.2019	Geopolitics of the Energy Transformation Chairpersons: Parto Teherani-Krönner (UNESCO Club Berlin) & Aviel Verbruggen (University of Antwerp)
9.00-10.30	Global Climate Change Performance (Hans-Joachim Ziesing & Lutz Mez, BEConsultants, Berlin) The Geopolitics of too much Oil (Aviel Verbruggen, University of Antwerp, Belgium)
10.30-11.00	Coffee & Tea Break
11.00-13.00	Transformation of Energy Systems in Central Asia (Birgit Wetzels, Ahrensburg, Germany) Geopolitics of Natural Gas: the Caspian Basin Case (Ulviyye Aydin, Manisa Celal Bayar University, Izmir, Turkey) Infrastructural fossil gas lock-in: LNG infrastructure expansion plans in Germany (Isabell Braunger, TU Berlin)
13.00-15.00	Lunch
15.00-16.30	History of failure of Japan's climate and energy policy (Jusen Asuka, Tohoku University, Tetsu Iida, ISEP & Manabu Utagawa, AIST, Tsukuba, Japan)
16.30-17.00	Coffee & Tea Break
17.00-18.30	Energy Transformation and International Relations – The Cuban Case (Burkhard Auffermann, University of Turku & Anaely Saunders, Cubaenergia, Havana, Cuba) Contradictory values of coal mining in Columbia. Re-discussing values in economics and interconnectedness of energy injustices (Hanna Brauers, TU Berlin)
19.00 20.00	Reception Gala Dinner
Thursday 17.10.2019	Energy Democracy, Climate Change and Low-Carbon economy policies Chairpersons: Tomas Kåberger (Chalmers University) & Mika Ohbayashi, REI, Tokyo)
9.00-10.30	GEIDCO's vision for a global sustainable energy system (Tomas Kåberger, Chalmers University) How far does EU ambition reach towards fulfilling the Paris Agreement? Differences within - and between - Commission, Council and Parliament in 2019 (Volkmar Lauber, University of Salzburg)
10.30-11.00	Coffee & Tea Break
11.00-12.30	Climate Change, Soil Water and Soil Organic Carbon Content (Bahram Taheri, Amirkabir University, Nexus and HSE Center, Tehran) Transitions to a Low-Carbon Economy: Future of baseload power production. The changing structure imposed by an increase of variable wind and solar production (Jyrki Luukkanen, Turku University)
13.00-15.00	Lunch
15.00-16.30	The role of electrification in the urban environment in a 1.5° C scenario (Marcel Volkerts, Navigant, The Netherlands) Fuel flexible gasification – low carbon root for energy and transport fuels (paper presentation) (Valdis Bisters, University of Latvia)
16.30-17.00	Coffee & Tea Break
17.00-18.30	Opportunities and challenges – Balancing democracy and efficiency in energy transition (Maarten Arentsen, Twente University, The Netherlands) Carbon Neutrality, Political and Technological Transformations (Miranda Schreurs, TU Munich)
19.00 20.00	Dinner Concert

Friday 18.10.2019	Current Discussions on Green Nexus Chairpersons: Christoph Henseler (TU Berlin) & Lutz Mez (BEConsultants, Berlin)
09.00-10.30	A Primer on the Carbon and Water Footprint in our Food Consumption (Bahram Taheri, Amirkabir University Nexus and HSE Center and NRI GECl and Nexus Programms, Tehran) Renewable energy in Cuba. Role of intermittent renewable sources in the future (Jyrki Luukkanen, Turku University & Anaely Saunders, Cubaenergia, Havana, Cuba)
10.30-11.00	Coffee & Tea Break
11.00-13.00	Natural gas exit: the next logical step of the Energiewende (Fabian Präger, TU Berlin) Current and future costs of solar power in Japan (Keiji Kimura, REI, Tokyo)
13.00-15.00	Lunch
15.00-18.30	Perspectives of the Transport Sector Chairpersons: Bahram Taheri (Amirkabir University, Tehran) & Reinhard Haas (TU Vienna)
15.00-16.30	Pathways for Post Carbon Logistics (Christoph Henseler, TU Berlin) On the State of alternative Powertrains and Fuels in Transport (Amela Ajanovic, TU Vienna)
16.30-17.00	Coffee & Tea Break
17.00-18.30	Rebound effects of Smart transportation modes on mobility behaviors of citizens and car dependency in the large cities of the MENA region (Hamid Mostofi Darbani, TU Berlin) Further topics, meetings, publications and projects of the REFORM Group network
19.00	Dinner

The REFORM Group (Restructuring Energy Systems for Optimal Resource Management) is an inter-national network among research organizations, universities, consultancies and decision makers involved in the scientific and technical system of research and policy consultancy in the energy field. Established in 1991 by Atle Midttun und Lutz Mez with the aim of fostering interaction and transfer of knowledge between research, policy, politics and innovation and accelerating the transformation of the energy system, the core group has grown to over 50 members. Cooperation takes place through international joint initiatives, e.g. projects and publications, workshops and since 1995 an annual conference at Schloss Leopoldskron in Salzburg, Austria.

This year's meeting is organized by Berlin Energy Consultants with support of ISEP, the University of Antwerp, the Energy Economics Group at TU Vienna and ArTe at TU Berlin.

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