

Berlin, Friday April 13th 2018, Campus Charlottenburg
Low Carbon Transformation and Sustainable Development –
Status Quo and Research Outlook

8:30 h	<i>Registration (H 3006)</i>				
9:00 h	Welcome / Opening (H 3005) Sustainability Council (TUB), Sevilay Karaduman (Heinrich Böll Stiftung), Claudia Kemfert (DIW), Christian von Hirschhausen (TUB / DIW)				
9:15 h	Keynote Lecture I: Sergey Paltsev (MIT / Cambridge / MA) (Chair: Franziska Holz (DIW)) (H 3005) <i>The MIT “Food, Water, Energy & Climate Outlook” – Thinking until 2100</i> Discussants: Members of the Junior Research Group “CoalExit”				
10:15 h	Session: Sustainable Development and Transformation (H 3005) Input Statements: Christian Flachsland (MCC / Hertie School of Governance), Pao-Yu Oei (TUB / DIW) Discussants: Members of the “Transformation Cluster”				
11:15 h	<i>Vitamine Break</i>				
11:30 h	Thematic Sessions I: Sustainable Development Goals				
	<p>Solar and Renewables (SDG 7, 13), Session convened by Microenergy Systems (MES) (Chair: Lia Strengé) (H 3005) Georg Heinemann (MES / TUB): <i>Pay-as-you-go in East Africa: Success or failure?</i> Maximilian Eissler, Philipp Zorn (TUB): <i>Economics of decentral solar: An international comparison</i> Florian Weiß (TUB): <i>Central vs. decentral infrastructure supply</i> Bjarne Steffen (ETH): <i>The role of project developers in the global diffusion of renewables</i> Raluca Dumitrescu (MEI), Lia Strengé (MES): <i>Swarm Economy Workshop</i></p>	<p>Water and Wastewater (SDG 6) (Chair: Ariane Krause) (H 2036) Ilka Roose (Transformation Cluster): <i>Water privatization, social innovations and environmental activism in Chile</i> Greta Sundermann (TUB): <i>Investments in environmental protection – An empirical investigation of the German water sector</i> Markus Siehlow (TUB): <i>Integrated water management – Case of Orange Senqu</i> Julia Rechlitz (Transformation Cluster): <i>Integrated water management – Case study of Syr Darya</i></p>	<p>Nuclear Power (SDG 16) (Chair: Ben Wealer) (H 2037) Robin Möser (HBS): <i>The termination of the South African nuclear weapons program</i> Lars Sorge (DIW): <i>Political economy of nuclear power – A cross-country analysis</i> Simon Bauer (TUB): <i>Decommissioning of nuclear power plants</i> Hannah Seiß (TUB): <i>Nuclear weapons: Current trends and developments</i> Ben Wealer (Transformation Cluster): <i>The atomic-military complex: Governance of nuclear power plants</i></p>		
13:00 h	<i>Lunch (H 3006)</i>				
13:30 h	<i>Panel on “Sustainability Start-ups” (H 3005)</i>				
	Designer Fashion Natascha v. Hirschhausen	Solar Powers Andrea Ruiz Lopez	elena Christina Horn	Kante education Ariane Krause	Tanaqu Blockchain Balázs Némethi
14:30 h	Keynote Lecture II: Noara Kebir (MES) (Chair: Casimir Lorenz, SRU) (H 3005) <i>20 Years of Solar Home Systems (SHS) in Bangladesh – Sustainable development “live”</i> Discussants: Members of the Start-up “Solar Powers”				
15:15 h	Keynote Lecture III: Georg Meran (TUB) (Chair: C. v. Hirschhausen) (H 3005) <i>How to supply essential goods under rationing? Theory and some policy implications for the case of water</i> Discussants: Members of the research team on “Sustainability and environmental econometrics”				
16:00 h	<i>Vitamine Break</i>				
16:30 h	Thematic Sessions II: Country and Regional Analysis				
	<p>Asia: China – India (Chair: Bobby Xiong) (H 2036) Julian Sagebiel (TUB): <i>Efficient management of water and energy resources for irrigation: A Discrete Choice Experiment in Telangana, India</i> Luise Lorenz, Alexandra Krumm, Study Group “India” (TUB): <i>Energy in India under transformation</i> Linus Lawrenz, Bobby Xiong, et al. (TUB): <i>Energy system scenarios for China to 2050</i></p>	<p>Central and Latin America (Chair: Roman Mendelevitch) (H 2037) Michael Claussner (HUB): <i>Analysis of economic externalities of coal mining</i> Alejandro Sarmiento / Thorsten Burandt (DIW / TUB): <i>The Mexican energy sector under transformation</i> Rabea Kaas (FUB): <i>Regional resource curse in Colombia</i> Alexandra Krumm, et al. (TUB): <i>Potential for renewable energies in Colombia</i></p>			
18:00 h	<i>Snacks, Drinks & Music (H 3006)</i>				

Venue: Campus Charlottenburg, Straße des 17. Juni 135, 10623 Berlin – Room H 3006
Registration (free of charge): konferenz@wip.tu-berlin.de; see also www.wip.tu-berlin.de