

ISIGET Scenario Workshop

This workshop uses an innovative, co-creative approach to build scenarios to better map the landscape of energy transitions based on various challenges faced by developing countries and emerging economies. The learnings will feed into participatory scenario planning exercises carried out in selected countries (e.g., Kenya, Vietnam, Chile). As a result, we hope to inform policy processes and improve policy planning. This workshop will be facilitated by Dr. Jude Kurniawan, who specializes in scenario modelling and foresight research.

The *Investigating the Systemic Impact of the Global Energy Transition* ([ISIGET](#)) project is based on a new approach, transformative research—one that uses transdisciplinary and co-production processes to create scenarios of energy transition in the Global South¹. By explicitly building on stakeholder knowledge, collaboration in the co-production of energy transition scenarios will better reflect local cultural, economic, and environmental conditions. These scenarios will help address the complexity and systemic impacts in contemplating alternative futures and explore the potential for transformative change, leading to new forms of learning and problem-solving by different parts of society and academia.

Event details: The ISIGET Scenario Workshop will be held virtually on Feb 10 and 11, from 14:00 to 18:00 CET. This workshop will feature a series of panels and breakout groups, zooming in on four regions (Sub-Saharan Africa, Middle East and North Africa, Latin America, and Southeast Asia).

Participants: All participants are actively involved in shaping the energy transition in academia, policymaking, and civil society. Participants will give a short presentation on their work related to energy and sustainable development and will engage actively in the plenary and breakout group discussions.

These high-level discussions are an opportunity for participants to connect with others in the field and take-home new insights on the topics and the co-learning approach. Participants will be invited to follow up on these discussions at our evaluation workshop in 2022, where we will discuss scenario outcomes produced for different case studies, and the broader policy implications arising from energy transition challenges in the Global South.

Please note that the workshop will be recorded for research purposes; however, the recording will not be made publicly available.

For further information, please contact jude.kurniawan@iass-potsdam.de



¹ In the context of this project, **Scenarios** are descriptions about how the future might unfold (acknowledging deep uncertainties and using system thinking). They can stimulate our imagination, alert us to potential dangers, and inspire corrective actions. **Co-production** refers to an interactive and participatory approach to knowledge production in which researchers collaborate with various stakeholders in government, business, international organizations, and civil society throughout the entire research process.

Program Detail:

10 February 2021	
13:50 – 14:00 CET	Welcome: Professor Andreas Goldthau, PI ISIGET, Institute for Advanced Sustainability Studies and Franz Haniel Chair, Willy Brandt School of Public Policy
14:00 – 16:15 CET	Geopolitical and Financial Challenges: The purpose of the panel discussion is to identify factors related to geopolitical and financial issues that can potentially impact energy transition in the Global South. Participants will present their work and/or perspectives on these topics followed by a plenary discussion. Some examples of questions to be discussed are: <ul style="list-style-type: none">• What are the barriers faced by developing countries in accessing financial capital for the energy transition?• What factors must be considered to foster a just energy transition in developing countries?• What factors influence investment decisions by major financial institutions in low-carbon infrastructures in developing countries?• How does fossil fuel energy trade influence development in national energy systems for resource-rich and resource-poor countries?
15:15 – 16:15 CET	Plenary Discussion
16:15 – 16:30 CET	Break
16:30 – 17:30 CET	Breakout Group Discussion: Participants will move to different breakout groups to discuss regional implications for Sub-Saharan Africa; Middle East North Africa; Latin America; and Southeast Asia.
11 February 2021	
14:00 – 16:15 CET	Socioeconomic and Socio-technical Challenges: The purpose of this panel discussion is to identify factors related to socioeconomic and socio-technical challenges facing the Global South. Participants will present their works and/or perspective on these topics followed by a plenary discussion. Some examples of questions to be discussed are: <ul style="list-style-type: none">• What are the most important channels for low-carbon tech transfer to developing countries, and what determines whether countries are a part of these channels?• How can developing countries enter or upgrade in global value chains of low-carbon technologies?• Why and how would technology producers consider knowledge transfer in addition to technology transfer?• What are the challenges in achieving SDGs as well as energy transition in developing countries?
15:15 – 16:15 CET	Plenary Discussion
16:15 – 16:30 CET	Break
16:30 – 17:30 CET	Breakout Group Discussion: Participants will move to different breakout groups to discuss regional implications for Sub-Saharan Africa; Middle East North Africa; Latin America; and Southeast Asia.
17:30 – 18:00 CET	Closing Remarks