



**ISETs**  
INTERNATIONAL SOCIETY FOR  
ENERGY TRANSITION STUDIES

**NEWS  
LETTER**

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2024 Q1



## ORGANIZATIONAL ISSUES

### Introducing the knowledge-sharing group

On January 15, 2021, the inaugural conference and first board meeting of the International Society for Energy Transition Studies (ISETS) were held, marking the official establishment of the society after nearly three years of preparation.

In January 2022, the Knowledge-sharing (KS) group was established as one of the three core organizations of ISETS. As we reflect on the strides made in the field of energy transition, we are proud to share the accomplishments of the KS within the ISETS over the past year.

In 2023, our team experienced significant growth and collaboration, exemplifying our commitment to advancing knowledge and fostering progress in the global energy transition movement. Together, we have worked tirelessly to curate and disseminate valuable insights and information to our audience.

Throughout the year, the KS posted a total of 32 specialized academic paper collections, alongside 24 reports and news covering various aspects of climate and energy transition. These resources have been instrumental in informing and engaging our readers, with a remarkable cumulative reading count exceeding 100,000 across multiple channels.

We extend our heartfelt gratitude to our dedicated team members, whose unwavering dedication and enthusiasm have propelled us forward. Additionally, we express our appreciation to our readers and supporters for their continued engagement and encouragement.

As we look ahead, we remain committed to our mission of facilitating knowledge exchange and collaboration in the pursuit of sustainable energy solutions. Stay tuned for more updates and insights from the KS at ISETS.

### Taking this opportunity, we would like to formally introduce our team members:



**Dr. Yifan SHEN**  
Associate professor  
Tongji University, China  
Research interests:  
Energy and environmental  
economics; Macroeconomics



**Dr. Yi JIN**  
Assistant professor  
Macau University of Science  
and Technology, Macau  
S.A.R., China  
Research interests:  
Research interests: Banking  
behaviour; Energy finance;  
Climate finance



**Dr. Xueqi ZHAI**  
Associate professor  
Henan University of  
Economics and Law, China  
Research interests: Energy  
economics and management;  
Green development and  
policy



**Dr. Xu DENG**  
Assistant professor  
China University of Mining  
and Technology, China  
Research interests:  
Optimization modelling of  
power system; Integration of  
renewable energy sources;  
Big data in power system



**Dr. Yunqi WANG**  
Research Fellow  
Monash University,  
Australia  
Research interests: low-  
carbon energy transition;  
Power system planning and  
operation; Multi-energy  
system cooperation; Electric  
vehicle fleet management;  
Applications of optimization  
theory and machine learning



**Dr. Qin LI**  
Post-doctor  
Nanjing University of  
Aeronautics and  
Astronautics, China  
Research interests: Energy  
economics; Climate change;  
Grey Forecasting



**Yanan CHEN (Ph. D  
candidate)**  
Tongji University, China  
Research interests: Industrial  
economics; Environmental  
economics; Input-output  
and global value chain



**Ziping GU (Master)**  
Tongji University, China  
Research interests: Energy  
and environmental  
economics; Macroeconomics



**Yuting LIU (Master)**  
Beijing University of  
Technology, China  
Research interests: Energy  
transition; Reduction of  
pollution and carbon  
emission; LCA



**Xiaohong QI (Ph. D  
candidate)**  
Beijing Institute of  
Technology, China  
Research interests: Energy  
and climate economics



**Yuxuan WANG (Master)**  
Tongji University, China  
Research interests: Energy  
economics



**Xunwen ZHAO (Ph. D  
candidate)**  
Dalian University of  
Technology  
Research interests:  
Integrated energy systems;  
Carbon emission peak policy





## NEWS AND OPINIONS

### Council Co-Chairman Prof. Sun Xiansheng of the International Society for Energy Transition Studies (ISETS) attended the 2024 Boao Forum for Asia

[Hainan, 28-29 March 2024] Council Co-Chairman Prof. Sun Xiansheng of the International Society for Energy Transition Studies (ISETS) was invited to attend the 2024 Boao Forum for Asia. Prof. Sun participated in the Low-Carbon Energy Transition Sub-forum and delivered two keynote speeches. His discussion revolves around how nations navigate the delicate balance of dismantling old systems and establishing new ones in the shift towards low-carbon energy, tailored to their resources and development stages, alongside evaluating the resilience of current energy supplies and power systems against extreme weather conditions.

The 2024 Boao Forum for Asia commenced on the morning of March 28<sup>th</sup>, with the opening keynote speech delivered by Zhao Leji, the Chairman of the Standing Committee of the National People's Congress. Ban Ki-moon, former Secretary-General of the United Nations and Chairman of the Boao Forum for Asia, as well as the Presidents of Kazakhstan and Sri Lanka, delivered opening remarks.

The forum covers a wide range of topics, including economic policy, trade, investment, innovation, and energy transition. It features keynote speeches, panel discussions, and interactive sessions, providing participants with valuable insights and networking opportunities.



### Revisiting Energy Trade Security in Light of the Crisis in the Red Sea Maritime Passage

Dayong Zhang    Qiang Ji    Xunpeng Shi

The Red Sea maritime passage is the world's most crucial route for maritime transportation, with over 17,000 vessels passing through the Suez Canal annually. Nearly \$1 trillion worth of goods are transported worldwide via the Red Sea, accounting for 12% of global trade. In November 2023, Houthi militants in Yemen began attacking ships associated with Israel in the Gulf of Aden. Since then, these attacks have persisted and escalated gradually, prompting the United States government to announce the formation of a coalition to escort

vessels transiting the Red Sea. As the situation continues to deteriorate, several European oil companies and shipping firms have announced the suspension of shipping routes through the Red Sea.

This is available at: [Revisiting Energy Trade Security](#)

### Global Energy Transition: A Twisting Path —Changes and constants in global oil and gas markets of 2023

Xiansheng Sun    Yongying Qi    Na Sun

In 2023, the global economy faced a test of recovery following the COVID-19 pandemic, while the global energy landscape underwent adjustments and dynamic rebalancing. On one hand, traditional oil and gas markets continue to dominate global energy supply, with no significant fundamental changes observed in the global energy production and consumption patterns. On the other hand, with the exacerbation of global climate change issues, the demand for green and renewable energy is becoming increasingly urgent. Governments around the world are intensifying efforts to promote energy transition towards green initiatives, accelerating the development of renewable energy sources. The interplay between "stability" and "change" renders the global energy landscape in full of challenges and opportunities.

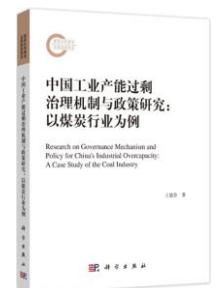
The details see: [International Petroleum Economics, 2024-01](#)

### "Research on Governance Mechanisms and Policy for China's Industrial Overcapacity: A Case Study of the Coal Industry" is formally published

Delu Wang

In the context of energy transition, the contradiction between the accelerated elimination of traditional energy overcapacity and the continuous growth in energy demand is becoming increasingly prominent. Addressing overcapacity has emerged as an urgent challenge in energy transition, and related industrial restructuring will significantly impact industrial sectors, with the coal industry serving as a typical example. Unscientific measures to address overcapacity not only threaten national energy security but also have negative impacts on economic development and societal well-being.

Therefore, during the critical period of accelerating the establishment of a new development pattern and promoting high-quality development in China, it has become imperative to go beyond traditional overcapacity governance models and construct a comprehensive industrial overcapacity precision governance mechanism. This is now a pressing theoretical and practical issue that needs to be addressed.





## RECENT ACTIVITIES

### Global Call for Nominations: Outstanding Carbon Neutrality and Energy Transition Cases

#### Submission Guidelines:

- This nomination process is completely free, with no associated fees.
- Provide a detailed description of the case, including its objectives, implementation, outcomes, and impact.
- Include evidence of success, such as data, testimonials, or awards.
- Submissions must be in English and adhere to the specified format and length.

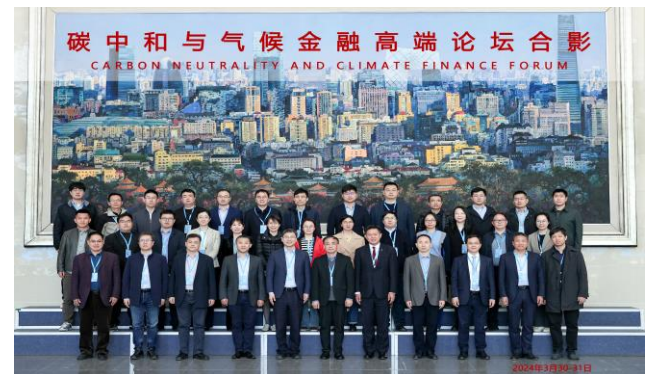
#### Nomination Process:

- Nominations can be made by self-nomination or by nominating others.
- Submit nominations through the ISETS official email: [isets@isets.org](mailto:isets@isets.org); [secretariat@isets.org](mailto:secretariat@isets.org).

For more information and to submit your nomination, please visit <https://isets.org/outstanding-cases/>.

### The 4<sup>th</sup> Carbon Neutrality and Climate Finance Forum was held on March 30, 2024, at the Capital University of Economics and Trade

The forum was jointly organized by the Energy Finance Professional Committee of the International Society for Energy Transition Studies (ISETS) and the Society for the Studies of Climate Finance of the Chinese Society of Optimization, Overall planning and Economical Mathematics. The event was co-hosted by the School of Finance and the China ESG Research Institute at the Capital University of Economics and Trade. Professor Zhang Dayong, Vice President of ISETS, delivered the keynote speech. Professor Ji Qiang, Vice President of ISETS, presided over the session of the forum.





## FORTHCOMING EVENTS

### The Inaugural Australia-China Energy Transition Forum & the ISETS Energy Transition Forum

**1-2 August 2024, Sydney**

Electrifying Tomorrow – Advancing Cooperation in the Industrial Chain of Electric Vehicles between Australia and China

**Organizers:** University of Technology Sydney International Society for Energy Transition Studies

**Co-organizers:** The Australia-China Energy Transition Forum

**Host:** Australia-China Relations Institute, UTS; Faculty of Engineering and IT, UTS

The details are available at <https://isets.org/the-1st-australia-china-energy-transition-forum/>.

### ISETS and UN ESCAP Launch Global Youth Voice Competition and Dialogue Program

**Sydney, 29 March 2024**

The International Society for Energy Transition Studies (ISETS) is thrilled to announce its partnership with the United Nations Economic and Social Commission for Asia and the Pacific (ESCAP) for initiating an Annual Youth Voice on Energy Transition Program.

Building on this successful collaboration, the new partnership seeks to establish a regular platform for young innovators and thinkers. This partnership underscores the shared recognition of the critical role youth play as agents of change in addressing global challenges, including climate change, peace, and sustainable development.

**Contact:**

For more information on the Annual Youth Voice on Energy Transition Program and how to participate, please join the ISETS community which is free for all <https://isets.org>.

For inquiries and collaboration, please contact the ISETS Secretariat at [isets@isets.org](mailto:isets@isets.org).

### International Society for Energy Transition Studies (ISETS) Announces Global Call for Nominations: Celebrating Excellence in Carbon Neutrality and Energy Transition

The International Society for Energy Transition Studies (ISETS) is proud to announce a global call for nominations for outstanding cases in the fields of carbon neutrality and energy transition. This initiative seeks to recognize and highlight the innovative practices, technologies, and solutions that are making significant strides towards a sustainable, low-carbon future.

Enterprises, institutions, and professionals from around the world are encouraged to recommend or self-nominate cases that demonstrate exceptional achievements in various sectors, including renewable energy, energy efficiency, sustainable transportation, carbon capture, utilization and storage, and green infrastructure. The scope of nominations can encompass groundbreaking research, transformative projects or practices, effective policies, and revolutionary products or technologies.

ISETS, headquartered in Australia, is a non-profit professional platform dedicated to empowering global sustainable energy transition. It facilitates a global exchange of knowledge, experiences, and case studies in energy transition among industries, professionals, governments, and research institutions across different countries and regions.

Supported by the United Nations Economic and Social Commission for Asia and the Pacific (ESCAP), ISETS held its inaugural annual meeting in Bangkok in October 2023. During this event, Ms. Armida Salsiah Alisjahbana, Under-Secretary-General of the United Nations and Executive Secretary of the ESCAP, highlighted ISETS' potential as a pivotal hub for knowledge and collaboration in energy transition, particularly in supporting the needs of developing and least developed countries and regions.

This is available at: [ISETS Announces Global Call for Nominations](#)

### The 5<sup>th</sup> Carbon Neutrality and Climate Finance Forum

**Climate Risk and Financial Power  
27 April 2024, Wuhan**

This forum will be jointly organized by the Energy Finance Professional Committee of the International Society for Energy Transition Studies (ISETS) and the Society for the Studies of Climate Finance in the Chinese Society of Optimization, Overall Planning and Economical Mathematics. It is hosted by the School of Finance at the Zhongnan University of Economics and Law.

Email: [jiangbog@zuel.edu.cn](mailto:jiangbog@zuel.edu.cn)

Deadline of Submission Papers: [7 April 2024](#)

### The 6<sup>th</sup> Carbon Neutrality and Climate Finance Forum

**Low-Carbon Transition and High-Quality Economic Development  
17 May 2024, Macau**

This forum will be jointly organized by the Energy Finance Professional Committee of the International Society for Energy Transition Studies (ISETS) and the Society for the Studies of Climate Finance in the Chinese Society of Optimization, Overall Planning and Economical Mathematics. It is co-hosted by the School of Business and the Institute of Sustainable Development at the Macau University of Science and Technology.

Email: [yjin@must.edu.mo](mailto:yjin@must.edu.mo)

Deadline of Submission Papers: [2 April 2024](#)





## About ISETS

ISETS is an independent, non-profit, global organisation headquartered in Sydney, Australia. ISETS is open to anyone who is interested. Registration (at [www.isets.org](http://www.isets.org)) as Associate Member is free permanently. Currently, ISETS has more than 900 members from 60 countries.

ISETS dedicates to facilitating a just, equitable and inclusive transition of energy and relevant sectors toward a sustainable low-carbon future with consideration of economic development, social equity, and environmental stewardship through international partnerships.

ISETS creates a global dialogue platform to discuss, share and disseminate knowledge on the energy transition for professionals from government, industry, academia, research institutes and other organizations across countries.

Official Email: [isets@isets.org](mailto:isets@isets.org)

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