

Energy Transition and Carbon Pricing Newsletter

Issue No.6 (Nov - Dec 2019)

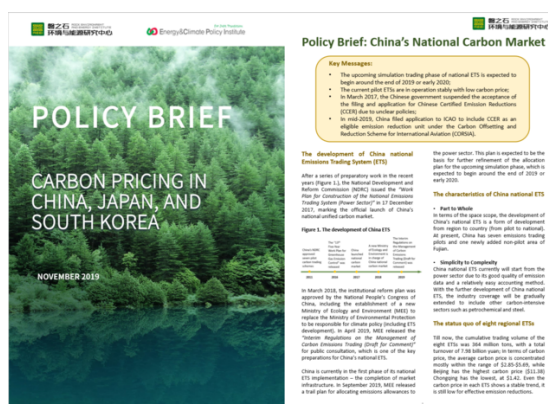
Dear colleagues,

We would like to welcome you to the sixth issue of the Energy Transition and Carbon Pricing (ETCP) Project Newsletter, aimed to provide you with ongoing activities and project progress. For more detailed information about project progress, please browse our newly launched Project webpage: <http://en.reei.org.cn/ETCP>.

Rock Environment and Energy Institute
China Association for NGO Cooperation

Project Progress

At the end of November, 2019, in collaboration with [Energy and Climate Policy Institute for Just Transition](#) (South Korea), REEI completed the policy brief titled "Carbon Pricing in China, Japan and South Korea", briefly introducing the status quo and main issues of carbon pricing in all three countries and providing useful information and policy recommendations for policy makers.



HIGHLIGHTS

• Latest News

Energy Transition:

- Southeast Asia turning away from coal power;
- Analysis: Global coal power set for record fall in 2019;
- In Cambodia, solar power surges

Carbon Pricing:

- COP25 ends with unanswered questions on carbon markets and climate ambition;
- Korea releases reforms for ETS phase III;
- Pakistan to evaluate capacity to implement ETS

• Publications

- World Energy Outlook 2019, IEA;
- Emissions Gap Report 2019, UN Environment Programme

• Upcoming Events

- 2nd Central Asia Renewable Energy Summit, 27-28 February 2020, Uzbekistan

LATEST NEWS

Southeast Asia turning away from coal power

Countries in Southeast Asia are building fewer coal-fired plants than expected as lenders distance themselves from the polluting technology. A new report from Global Energy Monitor (GEM) finds that new coal capacity has fallen sharply from a peak of almost 13 gigawatts (GW) in 2016 to just 1.5GW in the first half of 2019.

>> [Read more](#)



Analysis: Global coal power set for record fall in 2019

Global electricity production from coal is on track to fall by around 3% in 2019, the largest drop on record. This would amount to a reduction of around 300 terawatt hours (TWh), more than the combined total output from coal in Germany, Spain and the UK last year. The main counteracting force is from continuing increases in coal generation in south-east Asia, but demand from these countries is still small relative to the global total.

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In Cambodia, solar power surges

For a nation that has relied on massive dams, fuel oil, and more recently, coal power for electricity, the solar surge is a significant step toward a lower-carbon electricity grid.



COP25 ends with unanswered questions on carbon markets and climate ambition

As the most controversial aspect of the agreement – with massive and diverse economic implications for each nation and significant unanswered questions – Article 6 was a focal point of COP25 both inside and outside of the negotiating rooms. Consensus on Paris Agreement Article 6 implementation and international carbon markets and trading in mitigation outcomes, have been kicked to subsequent meetings and next year's negotiations in Glasgow.

>> [Read more](#)

Korea releases reforms for ETS phase III

On 21 October 2019 the Republic of Korea announced reforms for phase III of the Korean Emissions Trading Scheme (KETS), including a tighter cap and changes to allocation. The changes were announced as part of the Second Framework for Response to Climate Change and signal increased ambition during phase III of the KETS, which will run for a five-year period starting 2021. Korea will furthermore introduce changes to allocation and increased auction shares starting in 2021.

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Pakistan to evaluate capacity to implement ETS

On 10 December 2019 Pakistan announced the launch of a committee responsible for assessing the country's potential for

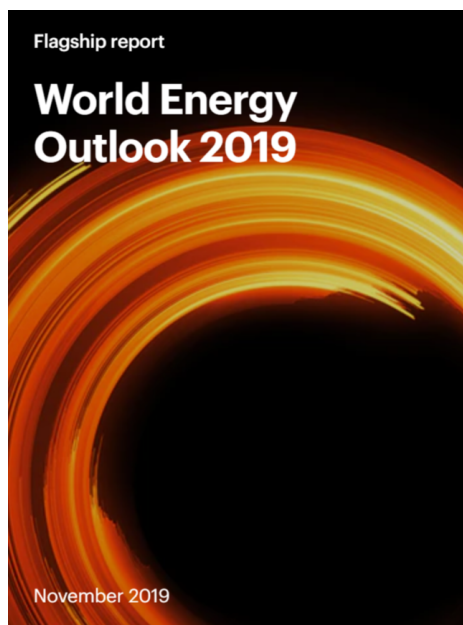
However, Cambodia has also signed off on more fossil fuel power plants. As electricity demand in the country and across Southeast Asia continues to climb, whether solar can displace fossil-fuel-generated power will greatly influence the region's air pollution and carbon emissions.

[>> Read more](#)

implementing domestic and international carbon markets. The announcement from the Pakistani Ministry of Climate Change at COP25 in Madrid signals the government is entering a new phase in its climate strategy by determining approaches to tap into low-cost abatement opportunities.

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PUBLICATIONS



World Energy Outlook 2019, International Energy Agency

The World Energy Outlook series is a leading source of strategic insight on the future of energy and energy-related emissions, providing detailed scenarios that map out the consequences of different energy policy and investment choices. This year's edition updates the outlooks for all fuels, technologies and regions, based on the latest market data, policy initiatives and cost trends.

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10 Years Progress to Action, IRENA

Renewable energy has advanced since 2010 to the centre ground of global energy and development policy. Renewables have become the world's primary source of new power capacity, outpacing all other forms of new generation put together. This booklet, produced for the 10th Assembly of the International Renewable Energy Agency (IRENA), charts global advances over the past decade and outlines key objectives for a new Decade of Action. Graphs and data underline the progress achieved and the illuminate road ahead.

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Emissions Gap Report 2019, UN Environment Programme

This is the tenth edition of the United Nations Environment Programme (UNEP) Emissions Gap Report. It provides the latest assessment of



scientific studies on current and estimated future greenhouse gas (GHG) emissions and compares these with the emission levels permissible for the world to progress on a least-cost pathway to achieve the goals of the Paris Agreement. This difference between “where we are likely to be and where we need to be” has become known as the ‘emissions gap’.

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UPCOMING EVENTS

IEEE International Conference on Power electronics, smart grid and renewable energy

02-04 January 2020 | Kochi, India

Future Sustainability Summit

14-15 January 2020 | ADNEC, Abu Dhabi

8th Asia Offshore Wind Day

25 February 2020 | Tokyo, Japan

2nd Central Asia Renewable Energy Summit

27-28 February 2020 | Uzbekistan

9th World Climate Congress and Expo

06-07 April 2020 | Bangkok, Thailand

Global Offshore Wind Summit

21-23 April 2020 | Taipei



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