



IKI China – Policy and Project News

Issue 8, July-September 2020

INHALT

POLICY NEWS

PROJECT NEWS

UPCOMING EVENTS

PUBLICATIONS

POLICY NEWS

Beijing Plans to Build National CCER Trading Center as Part of Pilot Free Trade Zone

With approval from the State Council, Beijing plans to become the national hub for trading of China Certified Emission Reductions (CCER) as part of the new free trade zone.

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MEE Plans to Include More Sectors in the National ETS During 14th FYP

During a public conference following President Xi Jinping's climate announcement, Ministry of Ecology and Environment (MEE) Director General Mr. Li Gao gave an update on the national ETS and confirmed plans to include additional industry sectors in the coming years.

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Meeting to Commemorate the 2020 International Ozone Day in China Held Online

The Meeting to Commemorate the 2020 International Ozone Day in China was held by the Ministry of Ecology and Environment (MEE) on September 16, with the theme "Strengthen the Supervision and Management of Montreal Protocol Implementation and Build a Long-term Mechanism for Implementing the Protocol".

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Grid Companies Announce Bonds to Alleviate Shortages in Feed-in Tariff Fund

Bonds worth RMB 140bn provide much-needed relief with a funding gap of RMB 300bn but more might be needed as the renewables surcharge is not to be raised.

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China Electricity Supply and Demand Report Calls for Coal Expansion Despite Repeated Decline in Plant Utilization Rates

The report calls for expanding coal capacity by 2025 due to an expected rise in power demand and regional bottlenecks, showing that regional integration of power supply remains a challenge.

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China Aims for CO2 Emissions Peak Before 2030 and Achieve Carbon Neutrality Before 2060

On September 22, Chinese president Xi Jinping announced that China will scale up its Intended Nationally Determined Contributions (NDCs). He declared that China aims to have CO2 emissions peak before 2030 and achieve carbon neutrality before 2060.

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Eight Ministries and Departments Jointly Issued a Guideline on Standardization of Green Express Delivery Packaging

A new standard system for "greening, reducing and recycling" express packaging shall be in place by 2022. The guideline reflects policy recommendations by one of the China Council for International Cooperation on Environment and Development (CCICED) Special Policy Study (SPS) contributed to by the BMU.

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China to Step up Efforts to Curb Food Waste

China plans to ramp up legislative measures after President Xi Jinping addressed national food security risks and called for greater efforts to reduce food waste.

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Xi Jinping Called for Greater Efforts to Reverse Biodiversity Loss at the United Nations Summit on Biodiversity

Chinese President Xi Jinping called on the world to join hands and act urgently to advance biodiversity conservation and global environmental governance. He also stressed the imperativeness of international cooperation to chart a sustainable pathway in response to COVID-19.

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China Sets Standards to Promote the Renovation of Residential Areas in Cities

In early July, China's government issued new guidelines to regulate the renovation of urban residential areas. It seeks to promote both better living standards and a more efficient and sustainable use of resources by upgrading residential areas in Cities.

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China Injected Financial Support into the Field of Green Development

The establishment of this fund has occurred amid efforts to improve the economic policy system for ecological and environmental protection while serving as an attempt on China's sustainable business model in the green field.

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China Shows A Stronger Commitment in the Treatment of Plastic Pollution

Despite the global epidemic, China still commits to ensuring that the phased tasks of plastic pollution control will be completed on schedule at the end of 2020.

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The Weakness and Shortcomings of Waste Segregation and Treatment Facilities Are Planned to be Strengthened and Enhanced

Implementation Plan for Strengthening the Weaknesses of Municipal Waste Segregation and Treatment Facilities aims to build an integrated municipal solid waste management system at the city level as well as to embrace a great improvement in incineration industry by 2030.

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Law of the People's Republic of China on the Prevention and Control of Solid Waste Pollution Took into Effect on September 1st

After releasing on April 29, the law's initiation at the beginning of September demonstrated that significant progress was made with regard to the concepts of circular economy and green development.

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China's Pledge to Cut CO2 Emissions Boosts Global Confidence in Climate Change

President Xi Jinping has announced an ambitious climate target to achieve carbon neutrality by 2060, which is expected to accelerate the world's transition to green and low-carbon development.

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PROJECT NEWS

» China Integrated Waste Management NAMA Support Project



IWM NAMA Low-carbon Integrated Waste Management Symposium was held in Bengbu on Sept 7-8

The topics that we shed light on ranged from the insights into municipal solid waste management (MSWM) in China to the inputs regarding agricultural waste, plastic waste, methods for assessing as well as ways to finance MSWM, which in total attracted approximately 170 attendees in Bengbu and almost 1,000 visits from online channels.

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IWM NAMA Pioneered in Adopting Life Cycle Assessment (LCA) to Evaluate the Municipal Solid Waste Management System (MSWM) in Suzhou

LCA, as a systematic approach and holistic method to analyze the effect of Waste Management, had its first application in Suzhou, one of the demo cities for IWM NAMA, paving the way for a wider usage of LCA in the waste sector.

» Sino-German Urbanisation Partnership



Meeting with Deputy Director General Li Zhe of the Ministry of Housing and Urban Rural Development (MoHURD) to discuss project activities for 2020/21

As the project is coming to a close in June 2021, and activities had to be postponed in 2020 due to COVID-19, both sides are eager to implement the final project activities within the remaining months of next year.

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SGUP met the Chinese Association of Mayors (CAM) to discuss the Sino-German Mayor's Program 2021

While the Sino-German Mayor's Program had to be postponed in 2020 due to COVID-19, a continuation of the exchange is planned for early summer 2021.

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» Sino-German Environmental Partnership



CCICED Policy Studies Release Event in Beijing

The China Council for International Cooperation on Environment and Development (CCICED) released its 2020 Annual Policy Recommendations, Issues Paper and the reports of its Special Policy Study (SPS) working teams on September 17th and 18th in Beijing, China.

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Kick-off Meeting of the Sino-German Biodiversity Cooperation

The BMU and MEE officially launched the Sino-German Biodiversity Cooperation under the Sino-German Environmental Partnership Phase II. It supports the development of an ambitious Post-2020 Global Biodiversity Framework.

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» Sino-German Climate Partnership – Energy Component



Online Trainings Familiarize Municipal-level Participants with “Green Economic Recovery”, System Integration of Renewables, and Energy Master Planning

Three webinars were held in July 2020 with the aim to provide technical and methodological knowledge to municipal officials and technical support units.

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» Sino-German Climate Partnership



Sino-German/EU Workshop on Climate Legislation

An expert workshop on “Sino-German/EU’s Experience on Climate Legislation” took place successfully on July 28, with the purpose of strengthening the legislation cooperation between the regions.

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Green/Climate Finance Roundtable

The Sino-German Climate Partnership (SGCP) team supported expert exchanges on green/climate finance at the German Embassy. Around 20 experts from different sectors participated in the roundtable talk, including participants from Tsinghua University, Greenovation Hub, Deutsche Bank China, Chinese Academy of Sciences, Greenpeace, Green Finance Institute, UN Environment, Carbon Disclosure Project (CDP) and GIZ.

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SGCCC Workshops on NDC Implementation

Research-based suggestions for pilot region & industry selection on climate mitigation and adaptation resulting from the workshop discussions on NDC implementation in September 2020 were summarized and sent to the National Center for Climate Change Strategy and International Cooperation (NCSC) for feedbacks.

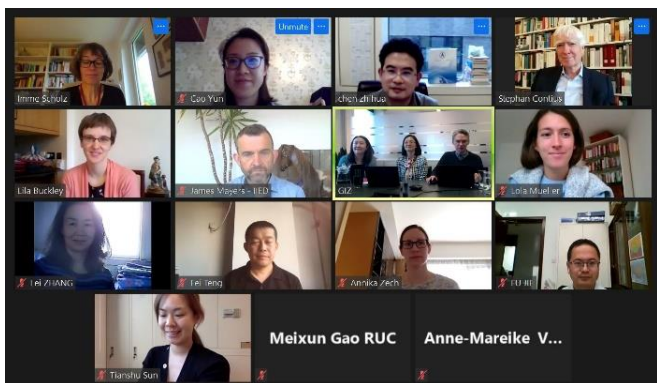
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Promoting Climate Finance Cooperation at the BRI Green Investment Principles Meeting

On September 24, GIZ China was invited as a keynote speaker at the Second Plenary Meeting of the Green Investment Principles (GIP) for the Belt and Road Initiative (BRI). The event was organized by the GIP secretariat of the Beijing Institute for Finance and Sustainability and the International Department of the People's Bank of China.

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Closing Workshop on Trilateral Cooperation on Climate and Environment

The closing workshop for the first phase of the Sino-German cooperation on climate change and environmental protection with third countries presented the joint study, expert proposals, and work plan of the next phase to the BMU and MEE.

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» Sino-German Cooperation on Low-Carbon Transport



Kick-off Workshop – Study on the Promotion and Application of New Energy Vehicles in the Field of Urban Logistics Distribution

The Sino-German Cooperation on Low Carbon Transport (CLCT) project, together with the Transport Planning Research Institute (TPRI), conducted an expert workshop to kick-off the “Study on the Promotion and Application of New Energy Vehicles in the Field of Urban Logistics Distribution”.

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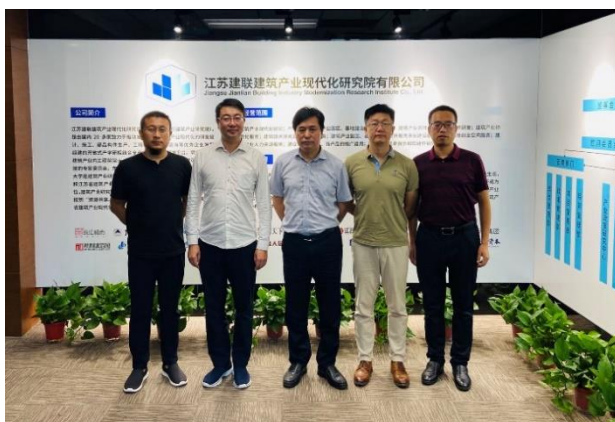


Interims Workshop E-Bus Study along with the 2020 China Electric Bus Performance Assessment Competition (EB-PAC 2020)

Along with the 2020 China Electric Bus Performance Assessment Competition, the Sino-German Cooperation on Low Carbon Transport (CLCT) project conducted a workshop on the “Study on electric bus system optimization in China”.

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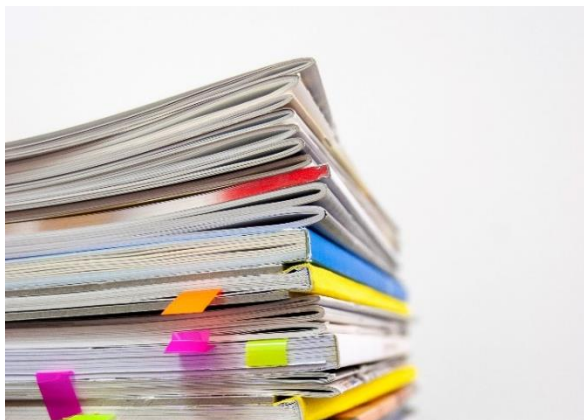
» Supporting the Low Carbon Development of the Jiangsu Province



A Brainstorming Workshop with JCMA, CUMT and JCMRI for Potential Cooperation

On August 22 and September 4, two brainstorming workshops took place in Nanjing, Jiangsu province. The GIZ Jiangsu project, Jiangsu Construction Modernization and Innovation Alliance, China University of Mining and Technology (CUMT), and Jiangsu Jianlian Building Industry Modernization Research Institution (JCMRI) attended this meeting. The attendees had an active and result-oriented discussion.

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Plus Energy Building and Community Research Team Submits Mid-term Revised Draft Report

Following the mid-term review meeting on June 11, the joint research team of Plus Energy building and community revised and adjusted the report based on the expert opinions and submitted the first version of the revised draft on July 19.

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Experts Workshop on Feasibility of Low Carbon Development Network

Together with Jiangsu Ecology and Environment Department, GIZ Jiangsu Project held an Experts Workshop on Feasibility of Low Carbon Development Network on August 07, 2020.

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Bilateral Exchange between German Embassy and Jiangsu Department for Ecology and Environment

Following the internal exchange between GIZ Jiangsu Project and the German Embassy, the Project arranged a bilateral meeting for the German Embassy with Jiangsu Department for Ecology and Environment (JDEE) on August 18, 2020.

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» **Strategic Partnerships for the Implementation of the Paris Agreement (SPIPA)**



EU-China Seminar on Green Recovery and Green Stimulus

The delegation of the EU to the People's Republic of China (EUD) and the Institutes of Science and Development, Chinese Academy of Sciences (CASISD) co-organized the EU-China Seminar on Green Recovery and Green Stimulus on September 24th and 25th. The event aimed to discuss the European and Chinese green recovery efforts amid the Covid-19 pandemic.

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» Capacity-Building for the Establishment of Emissions Trading Schemes (ETS) in China



Support for Verification Pilots to Strengthen the MRV System of the China's National ETS

Commissioned by the project, the China Quality Certification Center (CQC) and a pool of experts supported local officials in four pilot regions to verify emissions from the power sector.

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UPCOMING EVENTS

IWM NAMA Online Stream Workshop: IWM NAMA China-Europe Exchange on Integrated Waste Management – Business Model and Financial Instrument

October 14, 2020
Online

Daring Cities 2020: The Global Virtual Forum for Urban Leaders Taking on the Climate Emergency

October 23, 2020
Beijing, China

Sustainable Urban Renewal through Nature Based Solutions: Lessons from Chinese and German Cities

Virtual Exchange Workshop at the Daring Cities 2020
Online

Forum on High-Quality Energy Development of Jiangsu Province

October 29-30, 2020
Nantong, China

World City Day

October 31, 2020
Fuzhou, China

Annual Conference of China Association of Urban Environmental Sanitation

November 13-15, 2020
Beijing, China

Experts Workshop on Green Supply Chain

November 2020

Nanjing, China

Final Results Workshop: Plus-Energy Building and Blocks Research

December 2020

Online

PUBLICATIONS



南京工程咨询中心有限公司
2020年4月



Study Report on Green Development of High Energy-consuming Industries in Jiangsu Province

In order to examine the energy efficiency status of major industries in Jiangsu Province, and to formulate a reference basis for energy-saving reviews in line with industry development, the Nanjing Engineering Consulting Center completed a thematic study on the energy efficiency of Jiangsu's high energy-consuming industries with the support of GIZ Jiangsu Project.

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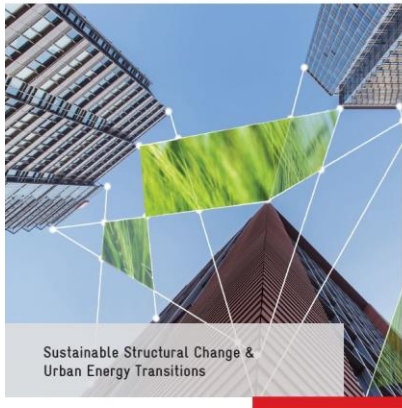
江苏工程咨询中心
2020年4月



Research Report on the Effect of Total Energy Consumption Control on Transformation and Upgrading and Related Measures

The Jiangsu Engineering Consulting Center has concluded a thematic study on the “Effect of Total Energy Consumption Control on Transformation and Upgrading and Related Measures”. Thus far, the consultant has worked out four reports which are currently only available in Chinese

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Sustainable Structural Change & Urban Energy Transitions

Study on best practices of German cities in structural change, away from a coal dependent energy and economic system to low-carbon and green urban communities to support the transformation of coal-dependent regions in China People's Republic of China.

giz Technische Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

Publication on German Experiences on Structural Transition and Energy Transition in Coal Regions

Changing the economics of fossil fuels and the energy transition away from coal poses a challenge for coal mining regions. The Ruhr Area in Germany has already undergone this transition and holds valuable lessons both for structural and municipal energy transitions that are of relevance to Chinese coal or industrial regions facing similar changes. The Sino-German Climate Partnership has gathered these lessons learned in a publication that contains three cities as case studies – Bottrop, Essen, and Dortmund.

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China is the world's largest producer and consumer of hydrogen	With 22 million tons per year, China is the world's largest producer and consumer of hydrogen and it is expected that hydrogen energy will supply 20% of the domestic energy demand accounting for 60 million tons by 2050.
Cooperation with China is crucial	Cooperation with China is crucial for the development of a global hydrogen market and in particular for unlocking the potentials of PtX for decarbonizing aviation and maritime transport.
Good window of opportunity	The European Green Deal, the recent release of the European and German hydrogen strategies, the upcoming 14th Five-Year Plan period and the high development dynamics in the field of hydrogen and fuel cell R&D and adoption in China open a good window of opportunity for cooperation.
Currently no top-level strategy	Currently, there is no top-level strategy guiding the hydrogen industry in China and the application of hydrogen and renewable energy (RE) based synthetic fuels in the transport sector in general and aviation and maritime transport in particular.
Provinces and cities are key drivers	Provinces and cities are key drivers of hydrogen and fuel cell development in China (e.g. establishment of hydrogen valleys and hydrogen cluster pilot regions). PtX pilot projects in the field of RE-based hydrogen and synthetic fuel adoption on local level can foster replicable best practice solutions and positively influence respective policy-making.
Currently low share of green hydrogen - pilot projects on the way	The current share of green hydrogen of the total production of hydrogen in China is only 1% and the share of hydrogen produced by coal gasification of the total production of hydrogen in China is 62%. China aims at increasing the share of green hydrogen in the coming years, various pilot projects (e.g. wind parks for hydrogen production by water electrolysis) are planned or already in operation.
Key to green hydrogen uptake is significant cost reduction	Key to green hydrogen uptake is cost reduction (with about EUR 1.65 per kg, currently costs for hydrogen production by coal gasification in China three times lower than hydrogen produced by water electrolysis) by upscaling and market generation, localization of production and advancement of technology and increase of efficiency.

Transport & Power-to-X (PtX) in China

China is an important player and partner in realizing the potentials of Power-to-X and hydrogen for decarbonizing transport and in particular the maritime and aviation sector.

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Guidelines on Starting Waste Segregation in the Office Area

July 2020

Guidelines on Starting Waste Segregation in the Office Area

Echoing the trend of compulsory waste segregation in Beijing, IWM NSP Project piloted waste segregation at the GIZ Beijing Office for four weeks (June 1 to June 28), collecting and weighing all the waste generated in the office, recording and analyzing all the statistics during the period. Based on existing experiences and collected data, the Guideline will offer an insight on how to start and scale-up waste segregation in the office area.

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