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Dear Colleagues,

We are happy to send to you the IKI China Update 14 (January - March 2022).

We hope you enjoy reading it.

Best regards from China

Dr. Alexander Fisher

POLICY NEWS

MEE publishes list of firms that supported data manipulation in the Chinese national ETS during the first compliance period

After the publication of a list of companies involved in the manipulation of emission data and flawed verification in 2021, the MEE has forwarded their cases to local authorities and announced to tighten MRV procedures.

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GIZ China, ICAP, and World Bank launched the Chinese version of “Emissions trading in practice: A handbook on design and implementation”

At the webinar in March, GIZ China jointly with ICAP and the World Bank launched the Chinese version of “Emissions Trading in Practice: A Handbook on Design and Implementation”.

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China released the “14th five-year plan for a modern energy system”

China has released its “14th Five-Year Plan for a Modern Energy System”, which will guide the energy sector development through 2025 and reflect important policy documents and announcements of the recent two years.

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China released first medium- and long-term hydrogen roadmap

China's central government has released its first hydrogen strategy. It covers topics such as innovation, infrastructure, pilot projects, as well as policies and standards.

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China's "Two Sessions" 2022 set supply security as focus, reaffirm long-term trend of low-carbon development

At their annual plenary sessions, China's two highest parliamentary bodies and the 2022 government work report echoed the renewed emphasis on energy security but also signaled the long-term certainty of the trend towards low-carbon development.

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Environmental aspects of the 2022 government work report

The 2022 government work report gave a review of work in 2021, among which the official establishment of the first batch of national parks was named. Further was the improvement of the environment as well as the continued reduction in the discharge of major pollutants highlighted for the orientation for 2022.

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Guideline for ecological and environmental protection in overseas investment and cooperation construction projects

On 06 January, MEE and MofCOM issued guidelines on ecological and environmental protection in overseas investment and cooperation construction projects.

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"14th five-year plan for marine ecological and environmental protection" released

On 17 January, the MEE, the NDRC, the MNR, the MoT, the MARA and the China Coast Guard jointly issued the 14th Five-Year Plan for Marine Ecological and Environmental Protection. The plan provides a comprehensive roadmap and specific arrangements for marine ecological and environmental protection work during the 14th Five-Year Plan period including the main targets and the visionary goals for 2035.

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"14th five-year plan for ecological and environmental monitoring" released

On 22 January, the MEE released the "14th Five-Year Plan for Ecological and Environmental Monitoring" to comprehensively strengthen monitoring support for the continuous improvement of environmental quality.

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“Action plan for the battle of agricultural and rural pollution control (2021-2025)” released

On 29 January, the MEE, MARA, the MoHURD), the MWR and the National Rural Revitalisation Administration jointly issued the “Action Plan for the Battle of Agricultural and Rural Pollution Control (2021-2025)”, which contains comprehensive regulations for the general requirements, main tasks and measures for continuous fight against environmental pollution in agriculture and rural areas. The fight against pollution in agriculture and rural areas is of great importance for promoting environmentally friendly and low-carbon development in agriculture and rural areas, as well as for strengthening the construction of an ecological civilization in rural areas.

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“Action plan for the comprehensive management of key marine areas” released

On 17 February, the MEE, the NDRC, MNR, MoHURD, the MoT, the MARA and the China Marine Police Bureau jointly issued the “Action Plan for the Comprehensive Management of Key Marine Areas”. The Action Plan sets out the general requirements, main objectives, key tasks and safeguard measures for the comprehensive management of the three key marine areas, namely the Bohai Sea, the Yangtze River Estuary-Hangzhou Bay and the adjacent waters of the Pearl River Estuary, involving Tianjin, Shanghai and other “2+24” coastal cities during the 14th Five-Year Plan period.

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General Office of the State Council issued the “Implementation opinions on strengthening the supervision and management of outfalls into rivers and the sea”

The Opinions, which were released on 02 March, set out the working principles of holistic planning of water and land, clear responsibility and strict monitoring, uniform requirements and differentiated management, highlighting priorities and progressive implementation.

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Nations commit to develop a legally binding agreement to beat plastic pollution

At the UN Environment Assembly in Nairobi on 02 March, representatives from 175 countries adopted a historic resolution to end plastic pollution and develop an international legally binding agreement by 2024. The resolution addresses the entire life cycle of plastics, including their production, design and disposal.

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PROJECT NEWS

» **China Integrated Waste Management NAMA Support Project**



Awareness-raising event on “Waste to fashion” attracted broad attention

Experts from the fashion industry shared their perspectives on the topic of sustainable fashion during an online livestreaming event held on 24 March.

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» Sino-German Cooperation on Climate Change – Climate Partnership & NDC Implementation



Follow-up exchange after modelling workshop with partner provinces

To follow up on the first successful meeting with experts from Shandong and Inner Mongolia, the NDCI consortium met again on 07 January with the Chinese side and afterwards provided them with a written-up technical response paper.

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Exchange with Chinese experts on emissions-intensive industries

The kick-off meeting on 13 January was designed as a platform to discuss possible topics for emission reduction studies and further sectoral cooperation.

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Research proposal exchange with Chinese cement sector experts

The meeting on 26 January offered a platform for project members and consortium partners to gain insights into Chinese efforts for emissions reductions in the cement sectors and ask questions about possible cooperation areas.

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January Workshop with adaptation experts

On 29 January, the NDCI project’s adaptation workstream organized a workshop to facilitate an expert exchange on climate adaptation progress and policy experiences in China and Germany, respectively.

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IKI Interface Workshop China 2022

The IKI Interface Workshop China 2022 took place in a hybrid setting on 23 March and featured inputs from a wide variety of IKI projects active in the fields of climate and biodiversity.

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Second SGCCC Steering Committee Meeting

During the second SGCCC SCM on 24 March, the Climate Partnership and the NDC Implementation project reported on their implementation status. Subsequently, the Chinese and German partners made decisions on the project's future work.

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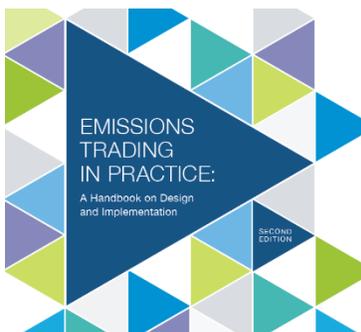


Track-2-Dialogue in 2022: Towards COP27

In the first weeks of the new year, the Track-2-Dialogue (T2D) working groups 1 to 4 dealt with the content-related and organisational reorientation of their fields of work. A prime focus lay on the drafting and coordination of research proposals which will pave the way for cooperation between the Chinese and German researchers in 2022.

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» Sino-German Cooperation on Emission Trading Systems, Carbon Market Mechanisms, and Industry-Related N2O Mitigation



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» Sino-German Environmental Partnership



CHINA COUNCIL FOR INTERNATIONAL COOPERATION
ON ENVIRONMENT AND DEVELOPMENT
中国环境与发展国际合作委员会

Scoping study workshop on “Digitisation to advance sustainability”

The workshop was held online on 24 February and brought global experts together to discuss how digitisation enables technological and societal innovations for sustainability in China and beyond.

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Sino-German Biodiversity Component | Ecosystem Accounting Workshop 2

From 02 to 04 March, the second Ecosystem Accounting Workshop was organised together with the UN Environment Programme World Conservation Monitoring Centre (UNEP-WCMC).

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» Supporting the Low Carbon Development of the Jiangsu Province



Expert review workshop on Yancheng’s carbon peaking roadmap

On 07 January, an expert review workshop for the GIZ-commissioned research on the carbon peaking roadmap of Yancheng city was held in Nanjing.

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Preparation seminar of “Nanjing carbon neutral building research center”

On 25 February, a brainstorm seminar on the establishment of the Nanjing Carbon Neutral Building Research Center took place.

Relevant experts from research institutes, universities, and enterprises, as well as from the Jiangsu Project participated in the seminar to make suggestions for the establishment and development of the research center.

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Planning workshop on Dual-Carbon Piloting School

During a planning workshop on the Dual-Carbon Piloting School for Jiangsu Province, held on 04 March, it was jointly agreed to initiate the development of dual-carbon piloting school standards and a low carbon and environment protection curriculum.

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» Sino-German Cooperation on Low Carbon Transport (CLCT) & NDC Transport Initiative for Asia

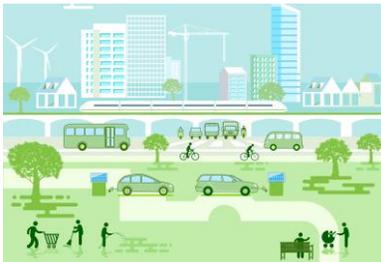
Strategy workshop for the SUMP Foshan: Finding a path for Foshan's green mobility transition



As a milestone of the Foshan Sustainable Urban Mobility Plan (SUMP) pilot implementation, an online workshop was held by the China Sustainable Transportation Center (CSTC) and GIZ with participation of the China Academy of Transportation Science (CATS) and the Foshan Transport Bureau as well as other local stakeholders and experts.

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The role of the transport sector for decarbonisation strategies in Germany and the European Union (EU)



To foster the dialogue on GHG emission reduction strategies and introduce relevant international experiences to China, especially the Green Deal and the German Climate Change Act (KSG), the NDC-TIA project organised an interview with Dr Martin Lange, head of the Pollutant Reduction and Energy Saving in Transport Division of the German Environment Agency (UBA).

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UPCOMING EVENTS

Advanced Course on Integrated Low Carbon Management in the MSW Management Industry under the Vision of Carbon Peaking and Carbon Neutrality
20 - 22 April 2022
Online

5th Transport and Climate Change Week 2022
May 09 - 13, 2022
Berlin & Online

Workshop on Sino-German Experience of Climate Governance & Just Transition

12 May 2022
Online

The 17th International Conference on Waste Management and Technology (ICWMT)

11 - 14 June 2022

Basel Convention Regional Centre for Asia and the Pacific -
Room 805, School of Environment, Tsinghua University, Beijing,
100084, China

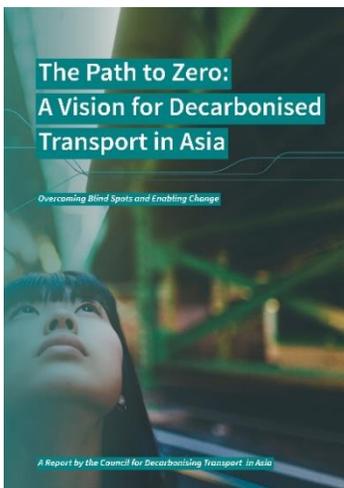
PUBLICATIONS



E-bus development in China: From fleet electrification to refined management

The study follows the life cycle stations of battery electric buses, from its procurement, charging, operation, maintenance, to the decommissioning of batteries. It provides a technical guide for stakeholders to achieve safety, efficiency, and sustainability in each of these procedures. Through surveys and interviews, the study collected first-hand data on the challenges, solutions, and best practices in these cities. Based on literature reviews, comparative analyses, field study, and expert consultations, the study then provides recommendations for all relevant stakeholders.

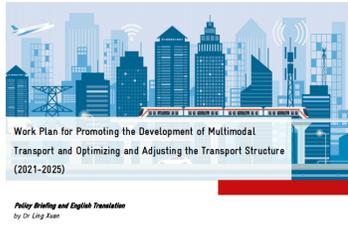
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Flagship report: The path to zero. A vision for decarbonised transport in Asia

The report identifies blind spots currently detaining decarbonisation in the transport sector in Asia and provides a vision and recommendations to overcome them to achieve the goal for zero-carbon transport by mid-century.

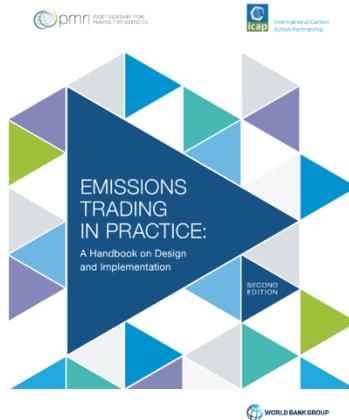
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Policy briefing & translation: Work plan for promoting the development of multimodal transport and optimizing and adjusting the transport structure (2021-2025)

This document provides the briefing and English translation of the five-year Work Plan for Promoting the Development of Multimodal Transport and Optimizing and Adjusting the Transport Structure (2021-2025), which was issued by the State Council of the People's Republic of China on 7 January 2022.

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Emission trading in practice: A handbook on design and implementation. Second Edition

This handbook sets out a 10-step process for designing and implementing an ETS. The need to adjust and adapt policies over time is reflected in the update of this handbook which was first released in 2016. New insights, approaches, and designs have proliferated adjusting the way ETSs operate and further developing our understanding of them.

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Achievement summary and development prospects of integrated management of MSW

The China Integrated Waste Management NAMA project team commissioned China Urban Construction Research Institute Co., Ltd. to summarise the achievements of China's 13th Five-Year Plan for integrated MSW management and to investigate the development trend of the 14th Five-Year Plan.

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生活垃圾处理行业温室气体排放现状及
低碳发展转型建议



Study on GHG emissions and low carbon development transformation of the municipal waste treatment industry

This study focuses on GHG emissions and low-carbon development transition in the municipal waste industry. Further, the study summarizes relevant national and international policies on climate change and analyses the emissions and emission reduction trends of the waste industry, conduct simulation analysis for three different development scenarios, and drafts a carbon emission change curve for the waste industry.

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