



# PROJECT UPDATES

## August 2019



## FOREWORD

Dear Friends of the China IWM NAMA Support Project,

Welcome to the second edition of the project brief. Albeit summer months are considered to be a quieter period of (working) time, the project team does not cease developing new ideas and is currently preparing a number of initiatives aimed to further improve waste management systems in the demonstration municipalities. The past two months have also proved to be extremely fruitful. From the first results of the GHG emission reductions monitoring to the coming trainings and conferences – dive into the project daily activities and join us in our journey across China and beyond.

With best regards,  
The IWM NAMA Project team

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# PROJECT NEWS

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## New name of the Cluster

The Cluster “Sustainable Mobility, Energy and Infrastructure” part of which is China IWM NAMA Support Project has changed its name and become the **“Cluster of Sustainable Transition - Investment, Energy, Mobility, Waste”**. The new name articulates the transformative nature of the projects implemented by GIZ in China as well as emphasizes the role of waste sector in fostering the sustainable transition.

## Results of the first monitoring

China IWM NAMA has acquired results of the first semi-annual monitoring of GHG emissions in the project demo-cities. The examination took place in May-June 2019 and assessed cities’ progress in implementing climate change mitigation measures in the waste sector in the period from January to April 2019. As results have shown, almost all cities have succeeded in their activities, cumulatively reducing emissions from the waste management operations by 203,313t CO<sub>2</sub>e in comparison to the baseline. [Read more...](#)

## Demo-cities enhance local political frameworks in the waste sector

Results of the first monitoring of the local situation in waste management have showcased that along with the development of infrastructure for integrated waste management, demo-cities of China IWM NAMA have also been enhancing the regulatory framework. Thus, majority of the local governments have issued orders, notices, guidelines and/or implementation plans targeting MSW classification to align local regulation with the national level agenda.

## Awareness-raising in the demo-cities

In the first two weeks of June, China IWM NAMA “Sustainable Development Awareness Raising Education Camp” “landed” in the project demonstration cities of Xi’an and Lanzhou. Within the two half-day courses in selected primary schools in both cities, Ms. Hou Jingyue, project coordinator of IWM NAMA, shared some impressive insights on integrated waste management with around 50 pupils in total. [Read more...](#)



“Sustainable Development Awareness Raising Education Camp” in Lanzhou, Photo by GIZ

# PROJECT NEWS

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## **A series of publications on waste sorting in WeChat**

As part of its awareness-raising component, the project launched a series of online publications in WeChat featuring the stories on waste sorting and waste management from Germany, Denmark, South Korea, Hong Kong, Japan and Finland. The publications that by date have been read almost 1000 times aimed at emphasizing the role of an individual action in transforming waste management towards a more sustainable low-carbon pathway.

## **Creative approach to waste - recommendations needed!**

China IWM NAMA and its demo-cities are pursuing an ambitious goal of establishing waste museums/education centers that will re-define the very notion of waste, placing it within the broader contexts of climate crisis and transition towards a circular economy. Currently, the project is looking for inspirational examples of similar scale and focus throughout the world as well as tries to identify a German or European partner that will support the cities in developing the concepts of future museums/education centers. *Your recommendations are welcome!*

## **Results of the tender on Technical Assistance (TA) provision**

By the end of June, the project was expected to announce the name of a Consortium responsible for providing TA to the demo-cities, but the process had to be postponed, since financial offers of the participating companies were not economically viable. The NSP is starting a new tender with adjusted Terms of Reference and refined requirements. As soon as the tender is open, the project team will seek support of its stakeholders in disseminating information about the tender and inviting international consulting companies to submit their offers.

## **MEE delegation to Germany on Zero Waste City**

The project has provided logistical and networking support to the Ministry of Ecology and Environment (MEE) for its trip to Berlin and Munich in July. The aim was to learn more about zero waste strategy development. During the tour, the delegation visited ALBA Group to discuss private sector involvement in waste management, exchanged opinions with ReTECH on policy instruments in the waste sector as well as had excursions to the underground waste sorting facility at Potsdamer Platz in Berlin and BMW recycling site near Munich.

## **Research on digestate product quality control from kitchen waste**

The project has been in the process of awarding a contract to a Chinese research institution that will conduct a comprehensive analysis of the output products resulting from the biological treatment of organic waste as well as will develop a set of technical quality indicators for these products. The aim of the research is to enhance opportunities for application of digestate as organic fertilizer and, this way, provide new incentives for the development of an advanced biological waste treatment in China.

## NEWS FROM THE DEMONSTRATION MUNICIPALITIES

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**Xi'an**



### **Xi'an welcomed city's first volunteers to educate residents on waste classification**

In order to further promote the household waste classification, the Weiyang district in Xi'an decided to launch a youth volunteer service under the motto "garbage classification, youth first". The volunteer team will carry out awareness-raising campaigns on waste sorting in communities and companies. [Read more...](#)

**Bengbu**



### **Excursions to waste treatment facilities as an awareness-raising tool**

More than 60 students and teachers from the local college visited waste treatment facilities in Bengbu in June as part of their social practice activities. At the municipal waste incineration plant, guests were introduced to the whole process of waste burning and power generation. The excursion is believed to facilitate behavioral change and make students to reduce their waste. [Read more...](#)

**Lanzhou**



### **Environmental improvement project for rural settlements in Lanzhou**

On June 13-14, the municipal committee and government in Lanzhou organized a training on improvement of environment in peri-urban and rural areas. Targeting all relevant stakeholders, the initiative largely focuses on enhancement of waste management and sanitation services. [Read more...](#)

**Taian**



### **Taian strengthens efforts to deliver on waste classification objectives**

City's specifically designated "Leading group for household waste classification" has recently held another on-site observation mission with the goal of refining municipal actions in the area of waste classification as well as surveying the existing infrastructure. So far, Taian has put into operation 109 classification stations and started implementing 100 demonstration projects, having constructed 78 demonstration areas. The goal is, however, to have a system that is comparable to more advanced cities. [Read more...](#)

**Suzhou**



### **Better organic waste management in Suzhou**

Suzhou gradually extends its waste collection system by adding a new bin for perishable waste to the existing three-bin system (recyclable, hazardous and other garbage). The city plans to launch a number of new biological waste treatment plants, which will establish a climate-friendly mechanism to handle organic waste from restaurants, communities and local agricultural markets. [Read more...](#)

## CHINA IWM NAMA PROJECT IN THE OUTLOOK

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 **August-September  
2019**  
 **China, Beijing**

### **Series of trainings for the private sector involved in waste management**

China IWM NAMA is about to launch its first series of trainings targeting private companies. The aim of the initiative is to establish a dialogue with the private actors to proactively engage them in the implementation of IWM and enable further upscaling of integrated low-carbon solutions. Among the foreseen participants are some of the biggest players of China's waste management scene such as Everbright and Tus-Sound. Both companies are involved in provision of waste management services in the demo-cities.

 **August 19<sup>th</sup>,  
2019**  
 **China, Xi'an**

### **Joint workshop with NGOs, local government and residents on the topic of awareness-raising**

The NSP team plans to hold an interactive inclusive workshop to foster an open discussion on the topic of awareness-raising in the waste sector. The aim is to learn more about the expectations of the public and local authorities in the realm of environmental education as well as to develop innovative approaches to working with residents. Some influential Chinese NGOs such as Wang Ke Foundation and Zero Waste are invited!

 **September-October  
2019**  
 **China, Bengbu,  
Suzhou, Taian**

### **“Sustainable Development Education Camp” comes to Taian, Bengbu, Suzhou**

After the success in Xi'an and Lanzhou, the awareness-raising education camp will be brought to other demo-cities (Taian, Bengbu, Suzhou) to provide primary school students (age 10-11 years) with a playful insight into the waste-related matters from waste generation, collection and 3Rs principle to the waste transfer and treatment.

 **September 25<sup>th</sup> -28<sup>th</sup>,  
2019**  
 **China, Xi'an**

### **The 8th MSW incineration treatment technology and equipment conference**

This leading waste incineration event in China will be co-organised by the IWM NAMA Project and will include a tailor-made training, covering variety of the project-relevant topics such as GHG emissions monitoring, key performance indicators (KPIs), awareness-raising, provision of technical assistance and private sector mobilisation. The training will take place on September 27<sup>th</sup>.

 **October 6<sup>th</sup> – 12<sup>th</sup>,  
2019**  
 **Spain and Denmark**

### **ISWA Congress in Spain & Study Tour to Denmark**

The China IWM NAMA will be presented during ISWA World Congress 2019 (7-9 October, Bilbao, Spain). Along with a side event and a training for the Chinese counterparts from MoHURD and demo-cities, participation in ISWA will be part of a broader study tour that will also include a visit to Denmark to study the kitchen waste treatment technology and learn more about the Danish approach to environmental education.

## GLOBAL EVENTS IN THE WASTE SECTOR

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🕒 August 26<sup>th</sup> – 28<sup>th</sup>  
📍 USA, Washington

**Resource Recycling Conference**

🕒 September 5<sup>th</sup> – 6<sup>th</sup>  
📍 China, Beijing

**China International Solid Waste Summit (CISWS)**

🕒 September 4<sup>th</sup> – 6<sup>th</sup>  
📍 Portugal, Lisbon

**5<sup>th</sup> edition of the International Conference WASTES: Solutions, Treatments and Opportunities**

🕒 September 17<sup>th</sup> – 19<sup>th</sup>  
📍 Germany, Stuttgart

**Smart City Solutions Expo and Conference**

🕒 September 25<sup>th</sup> – 28<sup>th</sup>  
📍 China, Xi'an

**The 8<sup>th</sup> MSW incineration treatment technology and equipment conference**

🕒 Sept. 30<sup>th</sup> – Oct. 4<sup>th</sup>  
📍 Italy, Forte Village (Sardinia)

**17<sup>th</sup> International Waste Management and Landfill Symposium**

🕒 October 1<sup>st</sup>-6<sup>th</sup>  
📍 Croatia, Dubrovnik

**The 14<sup>th</sup> Conference on Sustainable Development of Energy, Water and Environment Systems (SDEWES)**

🕒 October 7<sup>th</sup> – 9<sup>th</sup>  
📍 Spain, Bilbao

**International Solid Waste Association (ISWA) World Congress**

🕒 October 9<sup>th</sup> – 11<sup>th</sup>  
📍 Hungary, Budapest,

**International Conference on Waste Management, Ecology and Biological Sciences (WMEBS)**

## WASTE SECTOR HIGHLIGHTS

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### **Australia - Recycling crisis in Australia**

A major Australian recycling company – SKM Recycling – is facing liquidation, but warns the government that 400,000 metric tons of recyclables will go to the landfill every year if the company collapses. Additional concerns are linked to China’s potential refusal to accept any foreign waste starting from 2020, which according to the Australian recycling sector will unfold “the major crisis”. Despite the grim forecasts, local governments ask residents to keep recycling. [Read more...](#)

### **Cambodia & USA - Waste shipments as a battleground between developed countries and emerging economies**

Cambodia’s main seaport of Sihanoukville is preparing to ship 83 containers filled with plastic waste from the U.S. and Canada back to the countries of origin amid the growing number of Southeast Asian countries declaring that they are “not dustbins” for foreign waste. [Read more...](#)

Meanwhile, in the U.S. – a country placed at the higher end of the “waste supply chain” – some Congressmen seek to address the waste issue at the federal level by proposing an EPR scheme for packaging. If adopted, it will impose nationwide ban on certain single-use plastic items, introduce carryout bag fee and a standardized labelling for recycling and disposal. [Read more...](#)

### **China - Chinese high-tech industry mobilizes to support citizens in waste sorting**

Shanghai’s initiative of July 1<sup>st</sup> introducing strict garbage sorting rules has left some significant numbers of local residents and companies guessing what the proper waste sorting actually is. Luckily, the major Chinese high-tech companies have lent a helping hand to the consumers, offering AI-based solutions to recognize waste and suggest a suitable disposal bin. [Read more...](#)

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