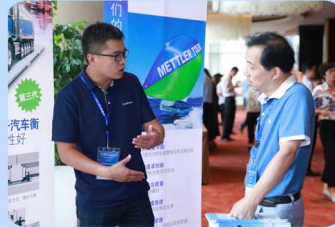


# ACI

## International Solid Waste Management Summit

June 12-14th, 2019 Shanghai, China



Juan Lee, Project Director of International Solid Waste Management Summit  
ACI Events  
Room 2186, Building 3  
No. 112-118, Gaojiu road  
Baoshan District  
Shanghai,  
CHINA

#### Supporting Letter

Ladies and Gentlemen,

The International Solid Waste Association (ISWA) is very pleased to support ACI International Solid Waste Management Summit 2019 (ISWMS2019), which will be held on June 12-14, 2019, Shanghai, China.

ISWA – the International Solid Waste Association – is a global, independent and non-profit making association, working in the public interest and is the only worldwide association promoting sustainable, comprehensive and professional waste management and as such we highly support sustainable waste management in the region.

The summit in 2018 was a great success, and I believe ACI International Solid Waste Management Summit 2019 (ISWMS2019) will again serve as an effective, informative and important platform for industry players to enhance their knowledge and business networking, understand the constantly changing solid waste industry environment and any challenges throughout China, the Asia Pacific and Globally.

May we take this opportunity to wish the summit every success and looking forward to cordially welcoming all honored participants to Shanghai.

Yours sincerely,

  
Antonis Mavropoulos  
ISWA President

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## Hot Topics

- ◆ Policies and regulation interpretation
- ◆ Kitchen waste collection and management
- ◆ Collection and pre-treatment of MSW
- ◆ Municipal sludge disposal
- ◆ Green incineration and emission control
- ◆ Comprehensive treatment of industrial waste
- ◆ Informatization management of WtE industry
- ◆ Collection-storage-transportation system for HW
- ◆ Flue gas, flying ash and slag treatment
- ◆ Safety incineration & landfill of HW
- ◆ Investment and operation of WtE projects
- ◆ Cement kiln co-processing of HW
- ◆ Management of organic & agroforestry waste
- ◆ Disposal of heavy metal salt hazardous waste
- ◆ Cogeneration of heat and power
- ◆ Detection and testing of soil
- ◆ Biomass fermentation and biogas utilization
- ◆ Landfill remediation
- ◆ Dry anaerobic fermentation technology
- ◆ Analysis on investment and financing

# International Solid Waste Management Summit

June 12-14<sup>th</sup>, 2019 Shanghai China

## Pre-Summit Activity (June 12<sup>th</sup>)

**Spot One: Hangzhou Jiufeng WtE plant (China Everbright International)**

**Spot Two: Hazardous Waste Disposal Plant (TBC)**

## Day One (June 13<sup>th</sup>)

**08:30 Registration & Name Cards Exchanging**

**09:00 Opening**

**09:10-09:40 Interpretation on the latest policies of Chinese Municipal Solid Waste and market data analysis**

- ★ The solid waste production and treatment in China
- ★ Interpretation of latest policies on solid waste
- ★ The promotion of urban and rural solid waste treatment
- ★ Analysis on capital market

*Environmental Sanitation Engineering Technology Research Center (ESETRC)*

*Ministry of Housing and Urban-Rural Development (MOHURD)*

**09:40-10:10 The operation management and practice of incineration plants in China**

- ★ The overall technical process of incineration plants aligned with China's national condition
- ★ Intelligent management technology of waste incineration
- ★ ACC automatic combustion control system
- ★ The regular maintenance of process line and consumable equipment
- ★ Safety management

*China Everbright International*

**10:10-10:40 Construction of incineration plants under new standards and the upgrading of old incineration plants**

- ★ Interpretation on the latest regulations and emission standards in the construction of new WtE plants
- ★ The renovation of aged plants and the core technology upgrading
- ★ Analysis on the investment, operation cost and profit
- ★ Practical case sharing

*Shenzhen Energy Environment Co., Ltd.*

**10:40-11:00 Tea Break & Networking**

**11:00-11:30 Global solid waste market trend and the latest technology and experience sharing**

- ★ The latest important policies globally and the impacts on waste industry and how to response
- ★ The 4th industrial revolution in waste management industry
- ★ Case sharing and suggestions for waste companies in China

*International Solid Waste Association (ISWA)*

**11:30-12:00 Improve combustion efficiency and reduce emission by intelligent technologies**

- ★ Overall design of intelligent waste incineration power plant
- ★ Intelligentize of core equipment and process
- ★ Intelligent management
- ★ The performance of combustion efficiency and emission

*Shanghai SUS Environment*

**12:00-13:30 Lunch & Networking**

**13:30-14:10 Panel discussion: Analysis of waste market and policy supervision of third- & fourth-tier city, village/town/rural areas**

- ★ Market analysis of third- & fourth-tier city, village/town/rural areas
- ★ Policy support from national and local government for waste treatment, and how it works
- ★ Promotion on the inclusion of social capital into the construction and operation of rural solid waste collection and transportation facilities

*Local Government*

**14:10-14:40 Cogeneration of heat and power based on biomass/MSW**

- ★ Overall planning and implementation of cogeneration of heat and power
- ★ Heat and power cogeneration system
- ★ Thermoelectric distribution and rational energy planning
- ★ Economic benefit analysis of cogeneration

*Qiquan Group*

**14:40-15:10 Biomass direct combustion power generation**

- ★ Trend and industry difficulties of biomass direct combustion power generation
- ★ Equipment selection and technology upgrading
- ★ Analysis and control of pollutant emissions
- ★ Optimization and improvement measures for overall operation
- ★ Life cycle and economic benefit analysis

*China Everbright Greentech Limited*

**15:10-15:40 Common problems and solutions of biomass power plant**

- ★ The problem of fuel cost in biomass power generation
- ★ Increasing fuel utilization in biomass power generation
- ★ Process adjustment of direct combustion power generation with different fuels
- ★ Equipment maintenance of biomass power plant
- ★ How to control the operating cost and increase the profit

*National Bio Energy Co., Ltd.*

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## 15:40-15:55 Tea Break & Networking

### 15:55-16:25 Collection-storage-transportation of kitchen waste and resource utilization

- ★ The construction of kitchen waste collection and transportation management system based on internet
- ★ Pre-treatment and fractionation of kitchen waste
- ★ Comprehensive treatment and resource utilization

*GrandBlue Environment*

### 16:25-16:55 Dry anaerobic fermentation technology of organic waste

- ★ The requirements of dry anaerobic fermentation technology on the quality of organic waste
- ★ Sorting and pre-treatment of organic waste
- ★ Thermophilic anaerobic fermentation
- ★ Energy recovery and resource-based deep processing

*Open for Sponsors*

### 16:55-17:25 Comprehensive anaerobic treatment of agricultural organic wastes

- ★ Raw material collection and pretreatment
- ★ Selection of anaerobic fermentation technology and equipment
- ★ Intelligent control of process flow
- ★ Biogas treatment and energy utilization
- ★ Resource utilization of biogas sludge

*Hangzhou Energy & Environmental Engineering Co., Ltd.*

### 17:25-17:55 Advanced anaerobic digestion technology for municipal sludge

- ★ Sludge reception and pretreatment system
- ★ Medium temperature anaerobic digestion system for high concentration sludge
- ★ Dewatering of digestive effluent and drying of sludge
- ★ Case sharing

*Open for Sponsors*

### 17:55-18:30 Panel discussion: analysis on investment and financing of solid/ hazardous market in China

- ★ The government layout on solid waste and market scale analysis
- ★ How to truthfully evaluate solid waste treatment investment profit and the potential for future industry expansion?
- ★ How the social capital participate in solid waste projects via PPP model
- ★ How do the solid waste companies address the difficulty in financing

*Tus-sound, Orient Landscape, Guoxin Tender, China Development Bank, CITICPE*

## Day Two (June 14, Friday)

### 08:08:30 Registration & Name Cards Exchanging

### 09:00-09:30 New policies on China hazardous waste treatment and market supervision

- ★ Market development status and industry bottleneck of hazardous waste management in China
- ★ Formulating industrial development plan, rational distribute and adjust industry structure
- ★ Enhance the construction of facilities for hazardous waste collection, storage and transportation
- ★ Market supervision
- ★ Safety and environmental risk management

*Solid Waste and Chemical Management Technology Center*

*Ministry of Ecology and Environment*

### 09:30-10:00 Comprehensive treatment of industrial waste and hazardous waste

- ★ Headstream management, collection, storage and transportation of hazardous waste
- ★ Landfill of general industrial wastes and hazardous waste
- ★ Safe incineration
- ★ Plasma gasification technology
- ★ Resource utilization of fly ash

*Shanghai Environment Group*

### 10:00-10:30 The construction of hazardous waste collection, storage and transportation system and safety management

- ★ Headstream management of industrial hazardous waste producing and enterprises
- ★ Real time supervision of hazardous waste transportation
- ★ Information construction of hazardous waste collection, storage, transportation and treatment management
- ★ Safety, emergency response and protection in hazardous waste collection, storage, transportation and processing

*Shenzhen Hazardous Waste Disposal Co., Ltd.*

### 10:30-10:45 Tea Break & Networking

### 10:45-11:15 Resource utilization and disposal of industrial acid waste

- ★ Market situation and property of waste acid in China
- ★ Safe collection, storage, transportation of waste acid
- ★ Comprehensive treatment technology of waste acid
- ★ Cost and benefit analysis

*Orient Landscape*

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## 11:15-11:55 Panel discussion: Problems and solutions of hazardous waste management in China

- ★ Current situation and problems of China hazardous waste
- ★ Construction of the Collection-storage-transportation system
- ★ Strengthen the coordination and supervision of the industrial chain upstream and downstream as well as the government.
- ★ Safety problems in hazardous waste disposal

*Capital Environment Holdings Ltd. , Tus-sound, Suez, Veolia, Agile, Wuxixuelang*

## 12:00-13:30 Lunch & Networking

## 13:30-14:00 Resource utilization and harmless treatment of industrial heavy-metal salt hazardous waste

- ★ Property of China industrial heavy-metal salt hazardous waste
- ★ Headstream collection and pre-treatment of industrial heavy-metal salt hazardous waste
- ★ Resource utilization
- ★ Harmless disposal

*Dongjiang Environment*

## 14:00-14:30 Physicochemical treatment of hazardous waste treatment and safe incineration

- ★ Treatment for wastes with strong acid, strong alkali or easily corrosiveness
- ★ Treatment and immobilization of wastes with heavy metal or toxic metals
- ★ Special and high efficiency incineration technology for hazardous waste
- ★ Slag disposal process

*Veolia*

## 14:30-15:00 Stabilization treatment and safety landfill of hazardous waste

- ★ Property requirements on hazardous waste that meet with the landfills admission
- ★ Immobilization and stabilization of hazardous wastes
- ★ Safe landfill
- ★ Landfill leachate treatment
- ★ Environmental monitoring of landfills
- ★ Case study

*US Ecology, Inc.*

## 15:00-15:30 Resource utilization of heavy metal sludge and slag

- ★ Sources, production and property of heavy metal sludge
- ★ Recovery of valuable metal
- ★ Immobilization and stabilization treatment
- ★ Disposal process and case analysis

*Open for Sponsors*

## 15:30-15:45 Tea Break & Networking

## 15:45-16:15 Cement kiln co-processing of hazardous waste

- ★ Policy support on cement kilns collaborative treatment in hazardous waste treatment and market profit analysis
- ★ Pre-treatment and disposal process of hazardous waste
- ★ High-efficiency collaborative removal technology for pollutions including dust, sulfur dioxide, nitrogen oxides, HG, etc.
- ★ Environmental risk evaluation of cement kilns collaborative treatment

*BBMG Group*

## 16:15-16:45 Flying ash and slag management

- ★ Stabilizing treatment equipment and technical process of flying ash
- ★ Slag resource processing
- ★ Operation cost analysis

*Remondis*

## 16:45-17:15 Environmental management and ecological restoration of old landfill

- ★ The common pollution and contamination in aged waste landfill, and the related management technology
- ★ Combination of aerobic repair and sealing technology
- ★ Ecological restoration after sealing the field

*China State Science Dingshi Environmental Engineering Co., Ltd.*

## 17:15-17:45 Construction and whole life management of hazardous waste landfill in America

- ★ Siting and basic structure of hazardous waste landfills
- ★ Construction of base impervious and sealing system
- ★ Construction of landfill gas guide way
- ★ Whole life supervision
- ★ Safety management of hazardous waste landfills

*Waste Management Inc.*

## 17:50 End of the summit