3rd International Solid Waste Management Summit
June 11-12, 2020  Shanghai China

Summit with Simultaneous Interpretation

Household Garbage
Organic Waste
Hazardous Waste
### Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Session A</th>
<th>Session B</th>
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<tr>
<td>June 11</td>
<td>Waste Incineration</td>
<td>Hazardous Waste</td>
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<tr>
<td>June 12</td>
<td>Organic Waste</td>
<td>Hazardous Waste</td>
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### We will invite

- Ministry of Environment & Ecology
- Ministry of Housing and Urban-rural Development
- China Urban Construction Design & Research Institute Co. Ltd.
- Everbright Environmental Protection (China) Co., Ltd.
- Shanghai Environment Group
- Chongqing Sanfeng Covanta Environmental Industry Co., Ltd.
- China National Environmental Protection Group
- Jinjiang Environment
- Tus-Sound Environmetal Resources Co., Ltd.
- Grandblue Environment Co., Ltd.
- Dynagreen Environmental Protection Group
- Wangneng Environment
- InfoRe Environment Technology Group
- China Tianying Inc.
- Mitsubishi Heavy Industries
- China Association of Urban Environmental Sanitation
- Chongqing Environment & Sanitation Group
- Capital Environment Holdings Limited
- WELLE Environmental Group
- LeoKing Enviro. Group
- Bioland Group
- BioGTS
- ALBA
- Dongjiang Veolia
- Beijing Enterprises Holdings Environment Technology Co., Ltd.
- Suez
- Baowu Group Environmental Resources Technology Co., Ltd.
- Shanghai Tianhan Environmental Resources Co., Ltd.
- Dadi Weikang Medical Environmental Protection Co., Ltd.
- Shanghai Solid Waste Disposal Center
- Shenzhen Hanyang Investment Holding (Group) Co., Ltd.
- BBMG Group
- Xi’an Aerospace Yuan Dongli Engineering Co., Ltd.
- Shandong Borun
- Orient Landscape
- Shandong Beigu Development Group Co., Ltd.
- Guangzhou Firstlink Environmental Engineering Co., Ltd.
- GEM Co., Ltd.
- Zhejiang Huayou Recycling Technology Co., Ltd.
- Guoxin Tendering Group, China Development Bank, CITICPE, Macquarie Capital
- ……
### Session A

#### Day One (June 11, Thursday)

**Waste Incineration**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>09:10-09:45</td>
<td>Interpretation of latest policies on Waste-to-Energy industry</td>
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<td>- Interpretation of latest policies relevant to solid waste management industry</td>
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<td>- How to improve the operation and environmental management of waste-to-energy plants by the driving force of new policies</td>
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<td>- Comprehensively promotion of urban and rural solid waste treatment</td>
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<td>09:45-10:20</td>
<td>Improve thermal efficiency of waste incineration and ensure long-term operation</td>
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<td>- Improve thermal efficiency and control emission by optimization of the equipment and the process</td>
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<td>- Establish advanced information management system</td>
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<td>- Efficient maintenance of disposal plant and vulnerable equipments</td>
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<td>- Safety management of the whole operation</td>
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<td>10:20-10:55</td>
<td>How do the Waste-to-Energy plants adapt to the classified wastes</td>
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<td>- Pretreatment of dry waste</td>
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<td>- Impact of elevated calorific value of waste on the incinerators and the solutions</td>
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<td>- Adjustment of combustion parameters</td>
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<td>- Analysis of pollutant emissions and adjustment of treatment process</td>
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<td>10:55-11:10</td>
<td>Tea Break &amp; Networking</td>
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<tr>
<td>11:10-11:45</td>
<td>The 4th industrial revolution on waste management industry and the practical experience sharing</td>
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<td>11:45-12:20</td>
<td>Coking and ash deposition in incinerator and the related solutions</td>
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<td>- Analysis on the causes of coking and ash deposition in incinerator</td>
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<td>- Improvement of incineration equipments</td>
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<td>- Adjustment of incineration parameters</td>
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<td>- Case analysis</td>
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<td>12:30-14:00</td>
<td>Lunch &amp; Networking</td>
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<tr>
<td>14:00-14:30</td>
<td>Garbage collection and recycling treatment in county, towns and townships</td>
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<td>- Formulate garbage classification and collection system according to the local conditions</td>
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<td>- On-site treatment of different kinds of garbage</td>
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<td>- Technical process and construction conditions of small-scale waste incineration plants</td>
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<td>- How to minimize disposal cost and maximize revenue</td>
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<tr>
<td>14:30-15:00</td>
<td>Panel Discussion: Application of small-scale waste gasification combustion technology in township and the related project construction</td>
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<td>15:00-15:30</td>
<td>Open for Sponsors</td>
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<td>15:30-16:00</td>
<td>Semi-dry + dry flue gas purification technology in waste incineration</td>
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<td>- SNCR denitrification + rotary atomizer semi-dry reaction tower</td>
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<td>- Activated carbon injection adsorption + slaked lime injection system</td>
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<td>- Bag-type dust collecting system</td>
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<td>- SCR denitrification system</td>
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<td>16:00-16:15</td>
<td>Tea Break &amp; Networking</td>
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<td>16:15-16:45</td>
<td>Emission control and online monitoring of dioxins in waste incineration</td>
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<td>- Control of dioxins in and after incinerators</td>
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<td>- Effectively remove dioxins in the flue gas after incineration</td>
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<td>- Online dioxins monitoring technology</td>
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<td>- Construction requirements of dioxins online monitoring system</td>
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<td>16:45-17:15</td>
<td>Emission control and dioxins management in Waste-to-Energy plants in Japan</td>
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<td>- Composition analysis of flue gas in waste incineration</td>
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<td>- Disposal process of flue gas</td>
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<td>- Monitoring and removal of dioxins</td>
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<td>- Experience sharing of waste-to-energy plants in Tokyo</td>
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<td>17:15-17:45</td>
<td>Design of leachate treatment project in waste-to-energy plants</td>
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<td>- Selection of treatment process and the overall design</td>
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<td>- Leachate dredge and anti-blocking system</td>
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<td>- Anti-odor and anti-seepage process</td>
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<td>- Automatic control system</td>
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<td>17:45-18:15</td>
<td>Treatment technologies of high concentration leachate in waste incineration plant</td>
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<td>- Complexity of leachate in waste incineration plants</td>
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<td>- Biochemical treatment and membrane purification technique</td>
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<td>- Inject concentrated leachate back into incinerator</td>
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<td>18:30-20:30</td>
<td>Cocktail Party</td>
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**Email:** info@aci-events.org  
**web:** www.iswms.org
Day Two (June 12, Friday)

Organic Waste Management

09:10-09:45 Progress of garbage classification and development of organic wastes market in various cities
★ Progress of garbage classification in various cities
★ Market status and trends analysis of organic wastes
★ Analysis and calculation of market prospect of garbage-disposal-equipment

09:45-10:20 Innovative technology and mode of food waste treatment in China
★ Analysis of the trial projects of Chinese food waste treatment
★ Problems and solutions of Chinese food waste treatment industry
★ Innovative technology and mode of food waste treatment

10:20-10:55 Technology and experience sharing of organic waste collection and recycling treatment in ChongQing
★ Smart logistics system for food waste collection and transportation
★ Design and implement of organic waste recycling treatment project
★ The core technology of organic waste harmless and recycling treatment
★ Project operation experience sharing

10:55-11:10 Tea Break & Networking

11:10-11:45 Dry anaerobic fermentation technology of food waste
★ Requirements of organic waste components in dry anaerobic fermentation process
★ Key points of operation process of dry anaerobic system
★ Energy recovery and product deep processing for recycling
★ The future of dry anaerobic process in China food waste market

11:45-12:20 Opportunities and challenges of organic waste industry under the background of non-waste city construction

12:30-14:00 Lunch & Networking

14:00-14:30 An efficient and comprehensive utilization technology of food waste treatment suitable for China
★ The particularity of Chinese food waste and the requirement of treatment technology and equipment
★ Classification and comparison of different comprehensive utilization technologies for food waste
★ How to select the appropriate recycling process according to different projects

14:30-15:00 Open for Sponsors

15:00-15:30 Efficient pretreatment process of food waste
★ Complexity of Chinese food waste composition
★ Ultra-high pressure press and sorting technology of food waste
★ Analysis of sorting effect and impact thereof on further processing

15:30-16:00 Wet anaerobic fermentation technology of organic waste
★ Invert cone type anaerobic fermentation technology
★ Accurate controlling of fermentation reaction conditions
★ Comprehensive utilization of biogas slurry and residue

16:00-16:15 Tea Break & Networking

16:15-16:45 Development of dry anaerobic fermentation technology abroad and application thereof in China
★ Dry anaerobic fermentation technologies development
★ Application of dry anaerobic fermentation technology in China

16:45-17:15 Collaborative disposal technology of organic waste
★ Advantages of collaborative disposal of organic waste and analysis of operating costs and profits of different projects
★ Efficient automatic presorting system for different kinds of organic waste
★ Anaerobic fermentation technology and how to ensure the stability of anaerobic fermentation system

17:15-17:45 Odor treatment and intelligent explosion-proof system in organic waste treatment plant
★ The generation and emission of odor in the process of organic waste treatment
★ Odor prevention and control technology
★ Intelligent explosion-proof system

17:45-18:15 Mechanical biological treatment technology (MBT) and the practice in China
★ Mechanical separation and treatment of organic waste
★ Biological drying technology
★ Anaerobic fermentation technology
★ Case sharing
Day One (June 11, Thursday)

Hazardous Waste Management

09:10-09:45 Situation of hazardous waste management in China and latest policies
★ Situation of hazardous waste management in China
★ Review of the latest policies
★ Problems found during environmental inspection and how to comply with the rules
★ Exemption and exclusion management of hazardous waste

09:45-10:20 Comprehensive disposal technology and practice of industrial hazardous wastes
★ Source tracking and detection process of hazardous waste
★ Recycle waste according to its property and select appropriate disposal process
★ Optimization of the process and equipment stability
★ Monitoring and emission controlling

10:20-10:55 Development and challenges of traditional rotary kiln in hazardous waste treatment
★ Development status and problems of traditional rotary kiln
★ Strengthen hazardous waste pretreatment and compatibility
★ Process optimization and equipment upgrade of hazardous waste treatment line
★ Improve automatic control and management level

10:55-11:10 Tea Break & Networking

11:10-11:45 Technology and practice of hazardous wastes disposal in steel furnaces
★ Technological characteristics and types of steel furnaces for hazardous waste disposal
★ Types and properties of hazardous wastes for collaborative disposal in steel furnaces
★ Technical difficulties and solutions
★ Economic, social and environmental benefits

11:45-12:20 Overall planning and design of comprehensive hazardous waste disposal center
★ Overall planning of comprehensive hazardous waste disposal center
★ Combination of mainstream hazardous waste disposal technologies
★ Operation management
★ Security risk control

12:30-14:00 Lunch & Networking

14:00-14:30 Meticulous operation and management of hazardous waste treatment plants
★ Source tracking, storage and distribution of hazardous waste

14:30-15:00 Information system for whole process management of hazardous waste (Open for Sponsor)

15:00-15:30 Practice and planning of centralized harmless disposal of medical waste in ShangHai
★ Status of medical waste disposal in Shanghai
★ Whole flow management information system for medical waste
★ Process and core technology for long time stable operation of high-temperature rotary kiln
★ Overall planning of medical waste harmless disposal in Shanghai

15:30-16:00 Centralized treatment and smart management of medical waste in HangZhou
★ Medical waste collection and transportation system
★ Medical waste disposal process
★ Pollution prevention system
★ Smart management system of medical waste

16:00-16:15 Tea Break & Networking

16:15-16:45 Development and investment strategy of medical waste treatment industry in China
★ Operation of medical waste disposal market in China
★ Development environment of medical waste treatment industry
★ Analysis on main technic and business model
★ Investment strategy and risk forecasting

16:45-17:15 Technic and safety management of co-processing of industrial waste in cement kiln
★ Key technologies and problems of co-processing of industrial waste in cement
★ Whole process management of co-processing of industrial waste in cement
★ Risk control and safety management

17:15-17:45 Technical development of co-processing of fly ash in cement kilns
★ Analysis of fly ash composition and development of different fly ash disposal technologies
★ Technical route of collaborative disposal of fly ash in cement kiln
★ The effect of fly ash on the production and quality of cement
★ Improve the management system and promote standard fly ash treatment process

17:45-18:15 Panel discussion: Hazardous waste disposal management experience sharing and case analysis
Day Two (June 12, Friday)

Hazardous Waste Management

09:10-09:45 Technical requirements and industry standards for treating solid waste by plasma technology
★ Progress and industry standards of solid waste plasma technology in foreign countries
★ Overview of plasma technology in China and relevant policies
★ Technical requirements and industry standards for solid waste disposal by plasma technology

09:45-10:20 Progress of plasma melting gasification technology on hazardous waste treatment
★ Market of plasma technology on hazardous waste disposal
★ Overall process design and meticulous operation management
★ Technical difficulties and solutions of plasma technology
★ Development trend forecast

10:20-10:55 Process and practice of hazardous waste co-treatment by rotary kiln + plasma technology
★ Overall scheme of hazardous waste co-treatment by rotary kiln + plasma technology
★ Core technologies
★ Emission management
★ Quality and use of recycled products

10:55-11:10 Tea Break & Networking

11:10-11:45 Open for Sponsors

11:45-12:20 Panel Discussion: Analysis on capital market of hazardous waste in China

12:30-14:00 Lunch & Networking

14:00-14:30 Optimize the design and operation of hazardous waste treatment line
★ Hazardous waste detection and identification
★ The process principles and operation difficulties of physicochemical treatment line
★ Optimize the process, improve the automation level

14:30-15:00 Recycling technology and industrialization of waste catalysts
★ Analysis on market of waste catalyst regeneration
★ Source and property of waste catalyst
★ Different recycling process
★ Economic benefit and environmental benefit analysis

15:00-15:30 Disposal and recycling technology of waste mineral oil
★ Situation of waste mineral oil disposal in China
★ Disposal and recycling technology of waste mineral oil
★ Improve the comprehensive utilization rate of waste mineral oil
★ Control of secondary pollution

15:30-16:00 Harmless treatment and recycle of oily sludge
★ Coke-free heat dispersion technology
★ Combustible gas utilization and waste heat recycling
★ Anti-polymerization and purification of the recycled oil
★ Electric intelligent control system and safety alerting system

16:00-16:15 Tea Break & Networking

16:15-16:45 Recycling treatment of waste liquid with heavy metals
★ Source, output and property of waste liquid with heavy metals
★ Recovery of precious metals
★ Stabilization and immobilization of heavy metals
★ Disposal process and relevant cases

16:45-17:15 Organic waste liquid management and recovery in pharmaceutical industry

17:15-17:45 Eco-friendly dismantling and recycling of electronic waste
★ Collection and centralized disposal of electronic waste in China
★ Disassembly, crushing and detection of electronic waste
★ Recycling of heavy metals and rare metals
★ Effective control of toxic heavy metal and organic pollution

17:45-18:15 Comprehensive utilization of used batteries
★ Overview and market trend of comprehensive utilization of used batteries
★ Flexible automatic disassembly and cascade sorting of used batteries
★ Eco-friendly treatment process

Session B

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