



## CIWEM HK STUDY MISSION 2015

### ENVIRONMENTAL MANAGEMENT AND FACILITIES IN QINGDAO, CHINA

24 – 28 March 2015

Qingdao, an international port city on the eastern coast of China, is famous for excellent environmental management and application of green technologies. A number of environmental and green initiatives has been widely adopted in this industrial / tourist city. This is a valuable opportunity to extend our horizon in extensive city-wide environmental management practice and green applications.

#### Key Facilities to Visit:

- ✧ Maidaow Wastewater Treatment Plant (麥島污水處理廠)
- ✧ Tsingtao Brewery Co., Ltd. (青島啤酒)
- ✧ CSR Qingdao Sifang Co. Ltd – High-speed Trains Manufacturer (高速動車生產基地)
- ✧ Waste Incineration Power Plant (生活垃圾焚燒發電廠)
- ✧ Food Waste Treatment Facility (餐廚垃圾處理廠)
- ✧ Workshop on Desalination of Seawater Technology (海水化淡技術研討)

CPD: 30 hours

Duration: 24 – 28 March 2015

Target Participants: Engineers, Consultants, Government Officers, Environmentalists and Industry Practitioners

Organizer:

Sliver Sponsors:



Supported by:



# Itinerary \*



Day 1, 24 March (Tur): Flight at 19:50 to Qingdao



Day 2, 25 March (Wed):

- Visit to Maidaowastewater Treatment Facility
- Visit to Tsingtao Brewery Co., Ltd plant and museum



Day 3, 26 March (Thu):

- Visit to Sifang High-speed Trains Manufacturer
- Visit to Waste Incineration Power Plant
- Visit to Food Waste Treatment Facility



Day 4, 27 March (Fri):

- Workshop on Desalination of Seawater Technology
- Sharing and networking with a local environmental practitioners



Day 5, 28 March (Sat):

- Cultural Visit
- Flight at 14:30 to Hong Kong

## Highlights:

- ✧ Maidaowastewater Treatment Facility: Extension of plant was completed before 2008 Beijing Olympics to increase the design treatment capacity to 140,000m<sup>3</sup>/day. Technologies including Multiflo®, Biostyr® and Alizair® are applied to cope with the constraints of small land size, high treatment demand and odour impact;
- ✧ Tsingtao Brewery Co., Ltd plant: The sixth biggest beer manufacturer in the world according to Barth Report. We will learn how “green” technologies are integrated in the manufacturing process and its history of a century;
- ✧ Sifang High-speed Trains Manufacturer: Word leading research and manufacture company in high-speed train. The company won the special prize for national scientific and technical advancement during Qinghai-Tibet railway project;
- ✧ Waste Incineration Power Plant and Food Waste Treatment Facility: About 6000 ton of domestic waste is generated every day in Qingdao. The city is employing new technologies to transform waste into energy, while minimizing environmental and health impacts;
- ✧ Workshop on Desalination of Seawater Technology: In recent years, Qingdao has begun commercial operation of a sea water desalination plant to produce drinking water to citizens. Technologies for desalination including reverse osmosis and ultra-filtration membranes; and
- ✧ Sharing with a local environmental society: The participants will meet with the researchers and practitioners of the Qingdao Society of Environmental Science. Presentation and discussion will be organized to enhance knowledge exchange and networking for future business and research collaboration.

\*This is a tentative itinerary and subject to confirmation.

Early Bird Fee:  
HK\$ 6,000 for registration  
by 2014/12/24

**Fee:**

Regular Fee: HK\$ 6480 / person

(Including round-trip air ticket between Hong Kong and Qingdao for economy class, 4 nights accommodation in shared twin room, meals on selected dates, local transportation cost and group insurance. Participants shall obtain relevant visa permission on entering China at your own cost and arrange own general travel insurance)

\* Organizer will allocate hotel accommodation in shared twin rooms based on the sequence of completing payment. In case that a participant cannot be allocated to stay in a shared twin room, a single room will be arranged and a surcharge of HK\$1,200 shall be incurred.

**Registration Deadline:**

20 January 2015

**Detail for Registration:**

The online enrollment form is available [here](#). Enrollment priority will be given to CIWEM members and International Partner Organizations. Once your application is successful, we will contact you shortly for further arrangement.

\*Relevant information on itinerary and arrangement will be released to participants 14 days before departure.

**Enquiry:**

If you have any question regarding the study mission, please feel free to contact committee member Mr. Grant Chau or Ms. Lily Liu.

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