

WHY Water & Membrane China (Shanghai) 2005?

- *A strong team of organizers and extensive support from the powerful Shanghai Water Authority and several influential industrial associations and organizations around the world*
- *Huge business opportunities in eastern China's Shanghai and its neighboring provinces, the country's richest region, and beyond*
- *Right place to meet China's policy makers, industrial decision makers, experts, end users, as well as partners within three days*
- *Valuable opportunity to compete with your competitors on the same ground*

Water & Membrane China (Shanghai) 2005



Shanghai Exhibition Center, March 29-31, 2005

ORGANIZERS

Membrane Industry Association of China
Shanghai Environment Protection Industry Association
Shanghai Society of Environmental Sciences
Shanghai Society of Water Purification Technology

JOINT-ORGANIZERS

Grand Exhibition Services Co., Ltd.
Bridge Conference & Exhibition Services Co., Ltd.

SUPPORTERS

China Water Supply Association
China Water Saving Association
China Energy Saving Association
China Pharmaceutical Equipment Engineering Association
Shanghai Water Authority
DECHEMA-Society for Chemical Engineering and Biotechnology
European Membrane Society
European Union Delegation of the European Commission
Italian Embassy in the People's Republic of China
ITM-CNR of Italy
North American Membrane Society
Water Re-Use Promotion Center, Japan

China's water and membrane: problems and opportunities

Water shortage, water pollution and water leakage in water supply channels are three pressing problems that China needs to solve.

More than 400 of China's 672 cities are short of water and 160 cities are forced to impose water restrictions. The water shortages cost US \$24.2 billion in industrial output a year. Fresh water scarcity aside, water utilization remains frustrating, which is as low as 40% in farm irrigation and 55% in industry at average.

Meanwhile, water leakage in urban supplying channels is shocking, exceeding 15%. About 21.5% of urban supply networks leak water, wasting 10 billion cubic meters a year.

Monitoring water quality at 741 checkpoints on China's top 7 rivers showed that less than 30% reached level 3, or the medium level in the nation's 5-grade index for water quality monitoring, while 41% were below the worst level of 5.

According to China's Tenth Five-Year (2001-2005) Plan, the annual output of the water-supply industry will soar from the current US \$7.2 billion to US \$24 billion by 2005. Research shows that China's water business will maintain an annual 15% growth for a considerably long period. By 2005 China will increase its water supply capacity by 40 million cubic meters a day and need up to US \$120 billion of investment, but the governments can allocate only US \$24-36 billion. The remaining money must be raised from foreign investment, bank loans and other places such as the capital market.

Every year, 20 billion square meters of living quarters are completed in China, bringing exciting business to water supply and wastewater treatment investors.

China's sewage water treatment industry has also entered a new stage of fast expansion. Statistics indicates that 3.7 billion tons of sewage is discharged daily in China. By 2005, about 45% of China's urban wastewater should be treated, up from the current 29%. By 2010, some 10,000 sewage treatment plants will have been completed to increase the treatment ratio to the required 50%.

Membrane: promising market With the worsening of water shortage, China is attaching greater importance to membrane technology for sustainable development, striving to develop new water treatment technology and improve water environment. Membrane technology is on the list of programs of the 10th Five-Year Plan (2001-2005) for the Development of Science and Technology formulated by the Ministry of Science and Technology. It is also receiving special funds from the National Development and Reform Commission for further development and applications. The market for the membrane technology becomes more promising following the extensive applications in the petrochemical, medical, pharmaceutical, electrical and food industries. China's membrane market foresees a demand of 20 billion RMB (US \$2.4 billion) in 2015 along with the current annual growth of 15% in the output value.

Shanghai lags behind many other international cities in sewage treatment

Shanghai, though China's most industrialized and dynamic metropolis, lags behind many other international cities in sewage treatment. About 37% of its daily sewage of 5.3 million cubic meters is discharged into its waterways without being treated, while the water quality of the 63% treated is far from satisfactory. Most of the existing 34 sewage treatment plants were built between the 1950s and 1980s and need to be renovated, upgraded or simply rebuilt. Over the past 15 years, a total of US \$2 billion has been invested in its urban areas alone for wastewater treatment. More investment will be needed in the coming years according to the Three-Year (2003-2005) Environmental Action Plan. Over US \$1.6 billion will be embarked for wastewater treatment projects before the end of 2005. Urban sewage centralized treatment rate will be increased up to 70% and, COD and NH₃-N loads will be cut down by over 30% and 15% by 2005.

Shanghai Three-Year (2003-2005) Environmental Action Plan on Water Pollution Control

Targets

- Foul conditions in waterways eliminated in urban areas
- Main rivers in rural areas achieve the target of clean water surface, tidy banks and green landscapes
- Sewage treatment capacity improved, with the treatment rate reaching up to 70%, and daily capacity over 4.8 million cubic meters

Part of the measures

- Construct more sewage treatment plants and perfect the sewage collection systems
- Construct and expand 11 sewage treatment plants in suburban areas
- Strengthen protection of drinking water sources to secure drinking water safety
- Construct 9 wastewater treatment plants and expand 2 in the upper Huangpu River
- Comprehensive rehabilitation of waterways

WHEN will it be held?

Dates	Hours	Activities
SUN-MON, March 27-28	08:30-17:30	Registration & move-in
TUE-WED, March 29-30	09:00-16:30	Exhibition
THU, March 31	09:00-15:00	Exhibition
THU, March 31	15:00-	Dismantling

Note: The Itinerary is subject to change with prior notice.

WHERE will it be held?

Water & Membrane China (Shanghai) 2005 will be held at Shanghai Exhibition Center in downtown Shanghai, China. The Shanghai Exhibition Center (SEC) has a total floor space of 80,000 square meters, of which 22,000 square meters are open for exhibition purposes. After significant renovations in 2001, the facility has up-to-date electric, electronic, networking and ventilation systems. On the premises are dozens of conference rooms, restaurants, and coffee shops. Outside has ample parking, but exhibitors might find the short walk to many of Shanghai's star-rated hotels even more convenient.



上海展览中心位置图
Shanghai Exhibition Center, Location Map

WHAT should be displayed?

Following products, technology and services are welcome to be displayed.

- Membrane and modules, raw materials & accessories
- Membrane separation
- Pipes and fittings
- Process Control
- Pumps & fittings
- Screens
- Sewage/Sludge Treatment
- Ultraviolet Light
- Valves & fittings
- Water treatment, reuse and services
- Water purification and disinfection
- Water meters
- Water quality monitoring
- Water supply and saving
- Wastewater treatment and services

WHO will visit?

Officials, executives, experts and professionals from the following organizations will visit Water & Membrane China (Shanghai) 2005:

- Competent governmental departments
- Water supply utilities
- Water treatment engineering companies
- Wastewater treatment plants
- Users with pharmaceutical, metallurgical, electrical and petrochemical industries
- Water resource departments
- Environmental protection agencies and companies
- Suppliers and distributors of water and wastewater technology and equipment
- Related societies, research institutes and associations

WHO exhibited at the previous show?

- Advanced Plastic Industry Co., Ltd.
Ande Membrane Separation Technology & Engineering (Beijing) Co., Ltd., an AMEI company
Arkal Filtration Systems
Asahi Kasei Corporation
ASV Stuebbe GmbH & Co. KG
- Beijing EDI Water-Treatment Technologies, Ltd.
Beijing Huaxinjie Investment Consulting Co., Ltd
Beijing Jieming EP Equipment Ltd.
Beijing JZHY Water Treatment Equipment Co., Ltd.
Beijing Memshell
Beijing New Dayu Fine Chemicals Company
Beijing New Tek International Inc.
Beijing Polymer Technology Co., Ltd.
Beijing Vogel Consulting Co., Ltd.
Beijing Xida Fangyuan Water Treatment Tech Co., Ltd.
BNP Ozone Technology Co., Ltd.
- Cedi Lord Technology
Chanitex (Shanghai) Pure Water Equipment Co., Ltd.
Chengde Huajing Active Carbon Co., Ltd.
- Dalian BingShan H2O3 Environ Solution Co., Ltd.
Dalian Drachen Technology Co., Ltd.
Dalian OKM Industrial Ltd.
Development Center of Water Treatment Technology, SOA, Hangzhou
Diana Drinking Water Technology Co., Ltd.
Dow Chemical
- En-Link EP Equipment Co., Ltd.
- Fuyang Dali Filter Equipment Factory
Fuyang Tongli Water Treatment Equipment Co., Ltd.
- GE China
Guangzhou Asian Tec Water Treatment Limited
- Hamilton-Sundstrand Industrial (Shanghai) Co., Ltd
Hangzhou ANOW Water Treatment Co., Ltd.
Hangzhou Intelligent Equipment Co., Ltd.
Hangzhou Nanfang Special Pump Industry Co., Ltd.
Harbin Ropv Industry Development Center
Hefei Shijie Membrane Engineering Co., Ltd.
Henan Jiajinko Water Treatment Factory
Hydranaunics
Hyflux Hualu Membrane Tec. Co., Ltd.
- International Commercial Machine, Inc.
IONPURE Technologies Inc.
- Jinsai Technology Development Co., Ltd.
Jiuwu High-tech Co., Ltd.
- Koch Membrane Systems, Inc.
Kunshan Yeameei Water Treatment Equipment Ltd., an AMEI company
- Lingyuan Dahebei Active Carbon Factory
- MWH
- Nanjing Hengguang Pure Water Equipment Co., Ltd.
Ningbo Lewei Membrane Co., Ltd.
Novo Fangyuan Membrane Separation Tech Co., Ltd.
Nutrend Chemical and Electronic Tech Devel Co., Ltd.
- Pall Corporation
Polytota Co.
Pumps and Valves Market Information
Pure Water Magazine
- Saehan Industries Inc.
Sartorius AG
Shanghai Anluomeng EP Material Co., Ltd.
Shanghai Aomai Electric Co., Ltd.
Shanghai Boer Pure Water Equipment Co., Ltd.
Shanghai Decent Electric Management Co., Ltd.
Shanghai Engineering Plastic Piping System Co., Ltd.
Shanghai Far East Pharma Machinery Gen. Factory
Shanghai Hank Co., Ltd.
Shanghai Hengqi Trading Co., Ltd.
Shanghai Hongshuo Computer Technology Co., Ltd.
Shanghai Huanyu Co., Ltd.
Shanghai Institute of Applied Physics
Shanghai Jielin Trading Co., Ltd.
Shanghai Lanci EP Technology Co., Ltd.
Shanghai Municipal Raw Water Co., Ltd.
Shanghai NAKATA Water Supply Equipment Co., Ltd.
Shanghai Shanghua Water Treatment Co., Ltd.
Shanghai Sunfly Water Treatment Co., Ltd.
Shanghai Tangxin Activated Carbon Co., Ltd.
Shanghai Tianbei Environment Equipment Co., Ltd.
Shanghai Tianyang Technology Co., Ltd.
Shanghai Xinchuang Environmental Tech Co., Ltd.
Shanghai Yaxing Plastic Containers Co., Ltd.
Shanghai Yiling Scientific Instruments Co., Ltd.
Shenzhen Meijiali Laboratory Equipment Co., Ltd.
- Taixing Blue Valve Co., Ltd.
Taiyuan Active Carbon Factory
Tianjin Motian Membrane Eng. & Tech. Co., Ltd.
Tianjini Motian Membrane Separation Engineering Co.
Toray Industries (China) Co., Ltd.
- Vontron Enviro-Tech Co., Ltd.
- Water & Wastewater Online
Wave Cyber (Shanghai) Co., Ltd.
Wenchang ZhaoXu Activated Carbon Co., Ltd.
Wuhu Hojung Environment Machinery Co., Ltd.
Wuhu Huasheng Filter Material Co., Ltd.
Wuhu Pengcheng Purification Equipment Co., Ltd.
www.chinaenvironment.com
www.c-waterworld.com
www.H2O-China.com
www.hc360.com
www.myearth.com.cn
- Yuhuan Jindou Pure Water Equipment Factory
- Zhejiang DD Water Industry Co., Ltd.

HOW MUCH do you need to pay?

10% off

Special offer on booth fee for early-bird applicants till November 30, 2004

Booth

Booth Type	Price
Standard Shell Scheme Booth (Min. 9 sqm)	US \$2,700 / 9 sqm or US \$300 / sqm A booth bigger than 9 sqm has to be in the multiples of 3, such as 12 sqm, 15 sqm, etc.
Indoor Raw Space (Min. 36 sqm)	US \$270 / sqm

Advertising in the Show Directory

The Show Directory measures 285 mm in height and 210 mm in width.

Four Colors		Black & White	
Page	Price (US \$)	Page	Price (US \$)
Back Cover	1,500	Full Page	600
Inside Front	1,200	1/2 Page	400
Page 1 (facing Inside Front)	1,200		
Inside Back Cover	1,100		
Full Page	800		
1/2 page	500		

Note: A 15% of surcharge will be levied on non-exhibitors.

Technical Seminar (for exhibitors only)

One of the highlights of the exhibition is the Seminar session. It is an effective marketing media for the exhibitors to present their exhibiting products and technology in greater details to the selective audience. Each session should last no more than 2 hours. Each seminar costs US \$600, inclusive of the room rental (a room for up to 100 audience), and invitations to the selected audience.

WHAT services shall we offer?

- Free Show Directory listing
- Free guest tickets
- Freight forwarding
- Interpreters and booth helpers
- Free badges for exhibitors' representatives
- Stand fitting
- Hotel reservation
- Literature translation and printing

Detailed information will be included in the Exhibitor Manual.

Inquiries

Membrane Industry Association of China

Rm. 603-604, No.17 East Road, Bei Sanhuan, Beijing 100029, China
Tel: +86-10-8471-3512 / 6443-3465
Fax: +86-10-8471-3511
E-mail: frank-feng@vip.sina.com
Web: <http://www.membranes.com.cn>
Contact: Mr. Frank FENG

~~Grand Exhibition Services Co., Ltd.~~

~~Rm. 318, No. 21 Dongsi Shitiao, Beijing 100007, China~~
~~Tel: +86-10-8401-8151 / 6405-9097~~
~~Fax: +86-10-8401-2838~~
Email: water@grandexh.com
Web: <http://www.grandexh.com/>
Contact: Mr. Julius ZHU



Water & Membrane China (Shanghai) 2005
Shanghai Exhibition Center, March 29-31, 2005

Registration Form - Deadline: January 28, 2005

Please return the completed Registration Form by email or fax to:

Grand Exhibition Services Co., Ltd. - Attn.: Mr. Julius ZHU

Fax: ~~+86 10 8401 2838~~ Email: water@grandexh.com/grandexh@vip.sina.com

Exhibitor information

Exhibitor Name (English)			
Exhibitor Name (Chinese)			
Address			
Mailing address (if different from above)			
Contact person		Title	
Tel		Fax	
Email		Web	
Exhibits			

◆ **We would like to participate in the exhibition and book**

- () One Standard Booth (9 sqm) at US \$2,700
 () A bigger Standard Booth of _____ sqm (in multiples of 3) at US \$300/sqm = US \$ _____

**10% off on booth fee
till November 30, 2004!**

Basic fittings for the ready-for-display Standard Booth include partition walls up to three sides, carpet, fascia name in English and Chinese, one counter, two chairs, two lights, one 220V power outlet and one rubbish can.

_____ sqm of raw space at US \$270/sqm (min. 36 sqm)

Exhibitors booking raw space are required to build their own stands at their own costs and pay management fee.

◆ **We would like to host _____ Technical Seminar at US \$600 each.**

The quotation covers the rental of a room for 100 seats, 2 mics and invitations to selected audience. One seminar should last no more than 2 hours.

◆ **We would like to advertise in the Show Directory.**

The Show Directory measures 285 mm in height and 210 mm in width.

Four Colors

- () Back Cover at US \$1,500 () Inside Front at US \$1,200 () Page 1 at US \$1,200
 () Inside Back at US \$1,100 () Full page at US \$800 () 1/2 page at US \$500

Black & White

- () Full page at US \$600 () 1/2 page at US \$400

Total costs: US \$ _____

Registered by: _____

Date: _____

Payment, Cancellation and Refund Policy

Upon receipt of this completed Registration Form, down payment of 50% or payment in full of the applicable fee will be sought via an Invoice. Acceptance of participation in this event will be contingent on payment of this fee prior to the start of the fair. Any cancellation must be sent to Grand Exhibition Services Co., Ltd. by email or fax. The fees are refundable (minus a US \$50 fee) until January 28, 2005. After this date, no refund will be made.