

HOLLAND

WATERWEEK

SHANGHAI 荷兰水周

04th06 11th06 2010

Reuse of waste water for industrial purposes & BOT full service contract modeling.

June 8, 2010



Markus Flick
General Manager
Evides Industriewater

HOLLAND

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Water & waste water challenges



Rivers need to be cleaned up

► Latest checks reveal that water pollution is still a huge problem.




NATION


Rivers need to be cleaned up



Workers clean blue algae in Chaohu Lake in Anhui province on June 19. Shen Yong

River and lake pollution






Issue 1: Reduce water footprint of industries
→ *reduction of water usage and intake (upstream optimisation)*

Issue 2: Reduce discharge of non-treated effluent
→ *improve degree & quality of waste water treatment*

Issue 3: Increase reuse of waste water (industry!)
→ *increase integrated water cycle in production process*

Issue 4: BOT = supply of water solutions (instead of water equipment/technology only)
→ *create longterm value by partnering water-specialist*



Program of June 8th 2010

09:00-09:10 Opening, Speech by Co-chairs: Ni Guangheng , Professor of Tsinghua University & Markus Flick, General Manager of Evides Industriewater

BOT Contracts: Theory and experience of water partnering (petro-)chemical industry
09:10-09:40 Li Guohua, Chief Technology Officer of Shanghai Chemical Industry Park
09:40-10:10 Niels Groot, Environmental Specialist of Dow Chemical

Reuse technologies: An overview of present day technologies and future developments
10:30-11:00 Yao Jie, Professor of Harbin Institute of Technology
11:00-11:30 Jan Appelman, Project Manager and Environmental Engineer of Royal Haskoning/ NethWater

Signing ceremony
11:35-12:00 Signing ceremony and group photo Bei yuan and NethWater/ Evides

Business cases: Water usage and reuse in the chemical industry
14:00-14:30 Li Wenhong, Professor of North-West University
14:30-15:00 Sjack van Agtmaal, Manager PD of Evides/ NethWater
15:00-15:30 Discussion & closing remarks by co-chairs

16:00 Wexpo Shanghai