



# Sanitation in China

By

Zhang Zhenshan, HPM, China

ROAP EGM MEETING, FUKUOKA

November, 2011

# Current Situation

## Wastewater treatment:

### ➤ Urban:

- Treatment plant: 2832
- Capacity: 125million M3/Day
- Percentage: 77.4%

### ➤ Rural:

- No central treatment plant
- Dispersed treatment facilities
- Percentage: 5%



# Current Situation

## Sewage system:

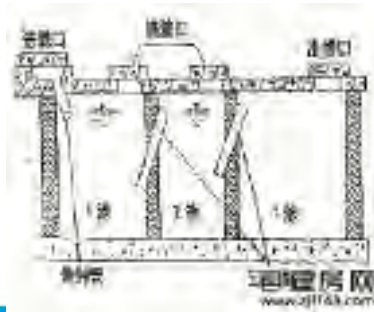
### ➤ Urban:

- Three-grille septic tanks—sewerage system
- Three-grille septic tanks—vacuum truck



### ➤ Rural:

- Dry Latrine
- Small scale waste water treatment facilities
- Wetland treatment
- Eco toilet
- Bio-gas tank



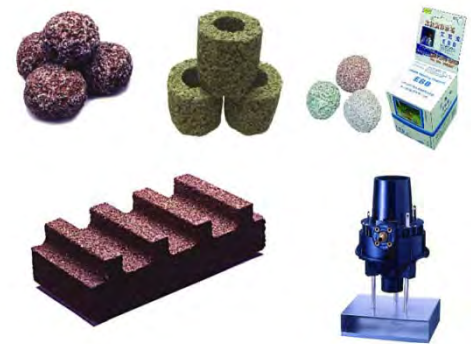
## Challenges:

- Urban-Rural connection area
- Rural area
- Lack of investment
- Lack of technology
- Lack of appropriate products



## Potential areas of exchange:

- Small scale wastewater treatment technology
- Wastewater treatment products
- Water saving technology and products
- Kitchen waste disposal



## Successful Case:

- Water for Asian Cities Programme
- MEKON WATSAN Initiative
- Jiangyin small scale water treatment





# Thanks!