



### **Our Institutions**

• Beijing Water Authority (BWA) was newly established on May 19, 2004





# **Our management**

We take three layers for water management within the Beijing Region.

Municipal level	Beijing Water Authority	Responsibilities: Water resources, water supply and water pollution management and etc. within the municipality. Coordinating among districts/counties.
District/ County level	District/county Water Authority	Responsibilities: Water resources, water supply and water pollution management and etc. within the district/county. Coordinating among subdistricts/towns.
Subdistrict /Town level	Subdistrict/town Water Management Station	Responsibilities: Water resources, water supply and water pollution management and etc. within the region.































#### **Finance and Water Prices**

Water Utilities are financed by both water prices and governmental funds:

**1. Water Prices** 

Our water prices consist of water resources' fee, hydraulic engineering's fee, water purification cost, wastewater disposal cost. The current average water price is 5.04 RMB/m<sup>3</sup>, but it varies among different users.

For example: Domestic water price is 3.70 RMB/m<sup>3</sup>, in which water resources' fee is 1.10, hydraulic engineering's fee is 0.62, water purification cost is 1.08, and wastewater disposal cost is 0.90 RMB/m<sup>3</sup>.

### 2. Governmental Grants and Others

- Governmental Grants are mainly used for water resources protection, flood control, water saving and rural water projects, and the maintenance and operation costs also come from government.
- Water supply and wastewater disposal in urban area are mainly invested by enterprises, including Loans, BOT, etc..
- Operation costs for water supply are mainly collected from water prices and those for wastewater disposal are paid by our water authority from the levied wastewater disposal costs.

## **Our Challenges**

### Water shortage

According to the prediction, the annual water consumption will be up to 4.2 billion m<sup>3</sup>/year, which exceeds the availability of water resources in the region.

### **Wastewater Treatment**

By 2005, 70% of our wastewater was treated and 30% of that was discharged into rivers without any treatment.

# **Our Solutions**

In order to meet the water demands, three main measures must be taken into practices in the coming years. 1) water-saving society must be speed up and even more restricted management will be strengthened. Our goals are as follows:

a) Water saving equipments for residents and institutions will reaches up to 90% and 100% respectively.

b) Water saving irrigation area will reaches over 95% and agricultural water consumption will be in negative growth.

c) The recycling rate of industrial water use will increase to 93% and the industrial water use keeps frozen.

2) By 2010 the whole the project of "Southto-north Water Diversion" will be finished and 1 billion m<sup>3</sup> of water will be conveyed from Yangtze River, which takes 1/3 of our local water. 3) To upgrade and extend 9 reclaimed water plants with the production capacity of 0.65 million m<sup>3</sup> per day. 0.6 billion m<sup>3</sup> of treated wastewater will be reused.





2) The existing water supply and wastewater treatment facilities in both urban area and rural areas are insufficient due to the increase of population and social-economic development. More water facilities must be constructed.





