

# Water and Sustainable Urban Development of Ulaanbaatar City



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# Overview of Ulaanbaatar City

- Ulaanbaatar is Capital city, administrative, cultural, commercial and financial center of Mongolia
- Elevated at 1,310 m above sea level and lies in the Tuul River valley
- In recent years, Ulaanbaatar has undergone rapid expansion due to the high-level of rural-to-urban migration
- The population growth has exceeded the capacity planned urban core area



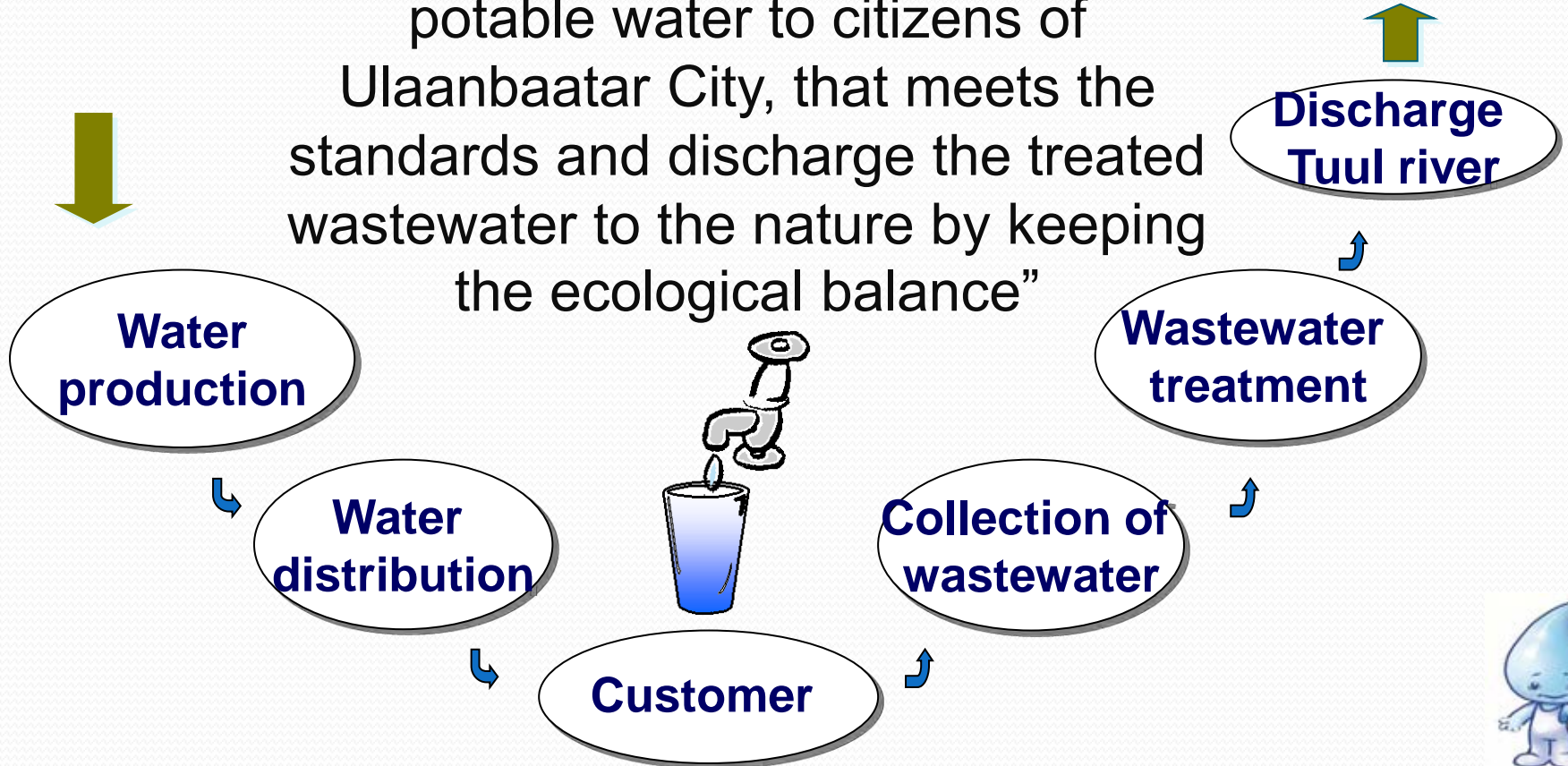
# Overview of Ulaanbaatar City

- The in-migrants have settled in the Ger-areas located outside the conventional built-up area of the city with predominantly traditional Ger (felt-tent) housing and low-levels of infrastructure and service provision.
- Population: ~ 1.3 million people
  - About 40% of citizens live in Ger areas, where water is distributed by small water kiosks
  - Others live in built-up area with centralized water supply network



# Water Supply and Sewerage Authority of Ulaanbaatar City

**Our mission:** To distribute the potable water to citizens of Ulaanbaatar City, that meets the standards and discharge the treated wastewater to the nature by keeping the ecological balance”



# Daily water consumption in Ger areas for one person



- In areas, where water distributed by kiosks connected to the water supply network: ~ 8.4 litres/day



- In areas, where water distributed by truck supplied kiosks: ~ 6.9 litres/day



# Main Issue

According to the Action Plan of the City Mayor:

- The sustainable development of Ger areas into the urban areas with modern houses and infrastructure in coming 6 years is one of the critical development issues facing the city



# Cooperation with Japan

By JICA's grant aid in 2011-2014 we are implementing the project on developing the new water source in Gachuurt area to provide better water supply for the citizens in Ulaanbaatar city including the Ger areas





# Cooperation with Japan

By UN-HABITAT Regional Office for Asia and the Pacific - Fukuoka's grant aid on August, 2010 the Water Supply and Sewerage Authority of Ulaanbaatar together with Fukuoka's specialists placed 80 eco-bio floating blocks in the bio pond of the Gordok village in the Nalaikh District.



*As a result,  
contamination in  
Gordok village was  
decreased*





# Future Cooperation

Continuously expand our cooperation in the area of building soil treatment and decentralized wastewater treatment system in per urban Ger area of Ulaanbaatar City.





**Thank you for your attention!**



Water Supply and Sewerage Authority  
of Ulaanbaatar City

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