U-S-E Water 2.0 Pre-meeting Conclusion													
	Basic information				Water supply				Wastewater			Preliminary Findings	
No.	Enterprise	Province	Total assets (billion)	Serve Population (million)	Source of water	Number of waterworks	Total capacity (10,000 m3/d)	Total length of pipes（km）	Number of WWTP	Treatment Capacity (10,000 m3/d)	Largest unit treatment capacity (10,000 m3/d)	R&D center	Interested topic
1	**Ningbo water environment group/宁波市水务环境集团有限公司**	Zhejiang	23.7	9.54	Reservoir & River	6 (5 drinking+1industry)	200+50 (industry use)	3600	5	110	35	Y (postdoctoral workstation)	1. integration of water collection and distribution assets of whole city(first in China) 2. wastewater reclamation 3. smart water 4. energy consumption saving 5. sludge disposal
2	**Hangzhou water/杭州水务集团**	Zhejiang	7.75	12.2	Reservoir & River	19	357	16289	10	198.9	150	Y	1. water supply model 2. WWTP energy saving 3. aeration process 4. biological phosphorus removal 5. WWTP smart operation
3	**Suzhou water conservacy/苏州水务集团**	Jiangsu	7.19	12.8	lake	3	130	2500(>DN100)	3	36	18	Y	1. instruments smart operation 2. denitrification in wastewater treatment process 3. stability of water meter and control logic
4	**Changsha water group/长沙水业集团**	Hunan	9.6	10.2	River	9	290	7000(>DN75)	6	150	56	Y (postdoctoral workstation)	1. NRW reduced from 14% to 12% by 2024 2. improve smart water system 3. improve district metering system 4. challenge in dealing higher concentration pollutions 5. challenge in improved discharge standards. 6. smart water system and energy consumption reduction
5	**Shaoxing Utility/绍兴公用事业集团**	Zhejiang	11.6	5.3	Reservoir & River	26 (6 drinking+4 industry+15 combined+1 landscape	316	5000	3	90	30	Y	1. improve industry plants discharge 2. old instrucments upgrading and rebuilding 3. challenge in industry structure type 4. innovation in biotreatment technology 5. smart water system 6. build city information modeling 7. digital twin water supply system
6	**Jiangsu Jiangnan water/江苏江南水务集团**	Jiangsu	5.86	2	River	4	116	6534	2	3.5	/	Y	1. challenge in secondary water supply 2. smart water system
7	**Zhongshan water group/中山水务集团**	Guangdong	0.9	3	Reservoir & River		100	6500	2	70-100		Y	1. improving the leakage control 2. energy saving and reducing chemical dosing in WWTP
8	**Guangdou GDH water group/广东省粤海水务集团**	Guangdong	130 (whole group all industry)	94	Reservoir & River		1694		40 (majority located in guangdong)	318		Y	1. low carbon nitrogen ratio in wastewater treatment 2. sludge reduction treatment 3. digital and intelligent management of drainage network 4. new technologies, for instance, different membrane technologies 5. printing and dyeing wastewater
9	**Guangzhou Water Investment Group /广州水务投资集团**	Guangdong		12.26	River	14	519	8630 (20000 inclduing pipe to the compound)	13	496		Design institute	1. Excess nitrogen in the effluent 2. WWTP Smart control system upgrading 3. Drinking water membrane technology 4. Experience from underground sewage treatment plant like Hillerød NT: Guangzhou Water has strong wishes on the facility upgrading. Could be demo candidate because they have their own design institute
10	**Shenzhen water group/深圳水务集团**	Guangdong	25.7	18	Reservoir & River	56	729		33			Y	TBD
11	**Guangdong Environment Group/广东环保集团**	Guangdong	70	20	Reservoir & River				200	600		Y	TBD