



Water Sector Challenges

30 March 2021

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Thought leader on macro & micro water risks



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Background

China's environmental condition

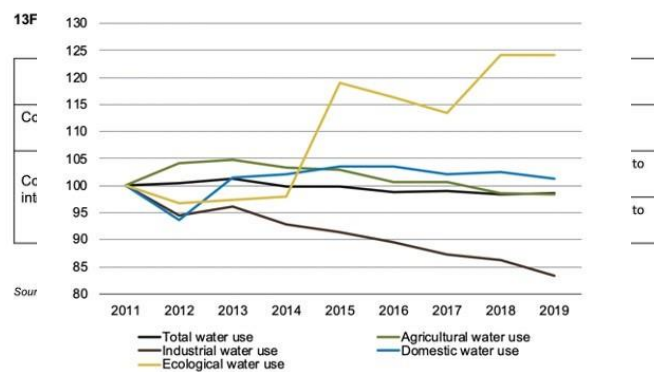


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Dual control of water resources

Total & Sectoral Water Use Trends 2011-2019

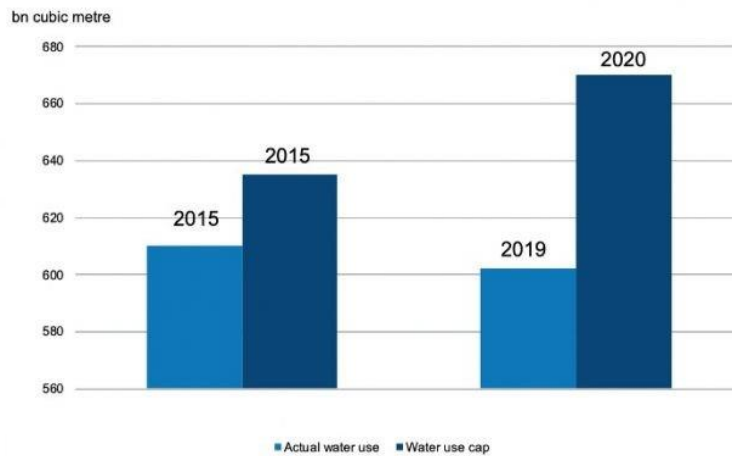


Source: CWR based on National Bureau of Statistics of China

This slide sources from CWR's article: Water caps & targets – how has China fared and where is it going?

<https://www.chinawaterrisk.org/resources/analysis-reviews/water-caps-targets-how-has-china-fared-and-where-is-it-going/>

Actual Water Use vs. Water Use Cap



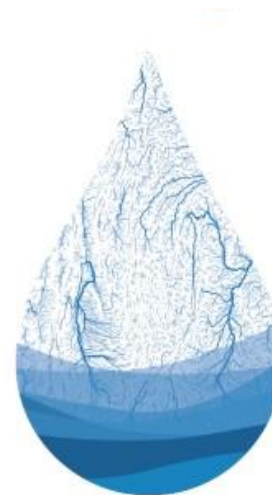
Source: CWR based on Action Plan for the Control of Total Water Use and Water Use Intensity in 13FYP

This slide sources from CWR's article: Water caps & targets – how has China fared and where is it going?

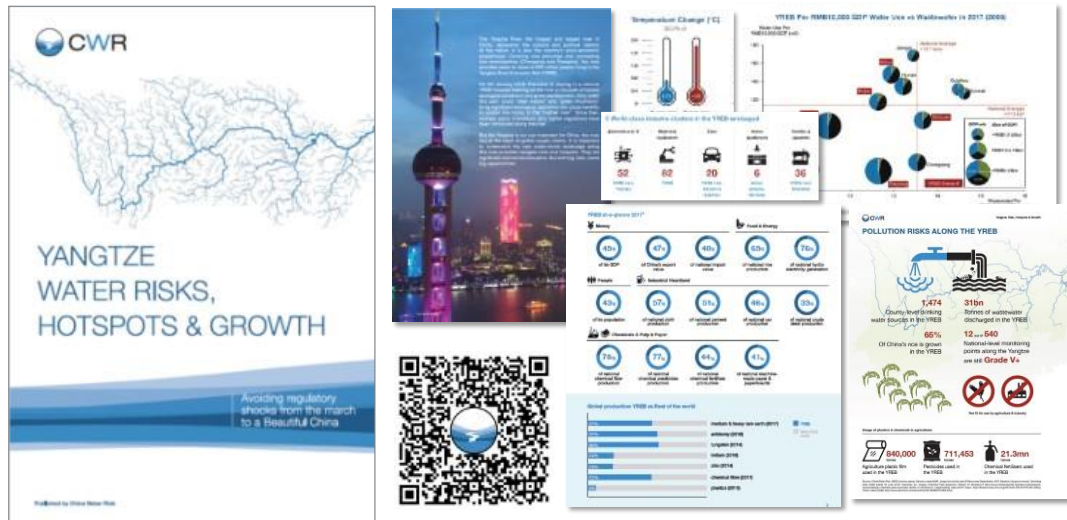
<https://www.chinawaterrisk.org/resources/analysis-reviews/water-caps-targets-how-has-china-fared-and-where-is-it-going/>

Key area - YREB

Water-nomics of the Yangtze River Economic Belt



Picking hotspots - President Xi's priority ...

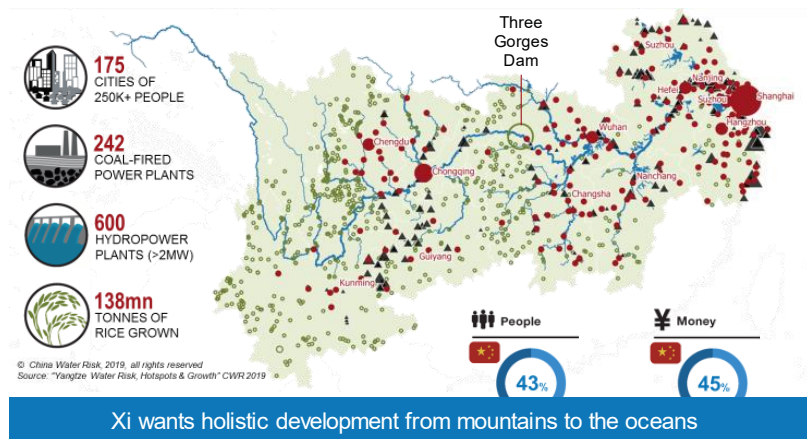


“The Yangtze River is China’s mother river & we must protect it...”

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Yangtze is too big to fail = protect at all cost ...



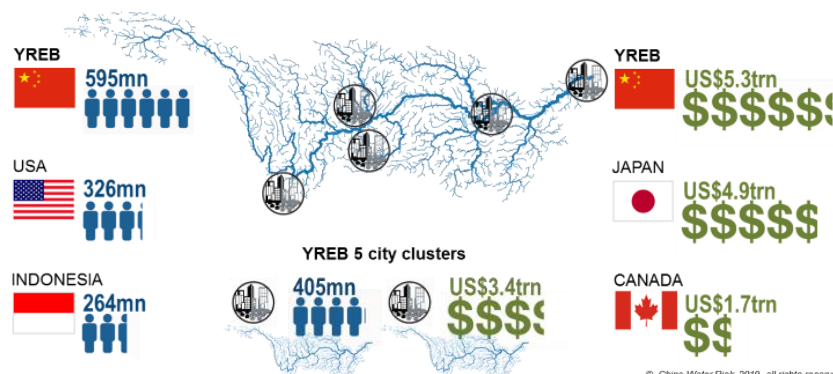
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This slide sources from CWR’s report: Yangtze Water Risks, Hotspots & Growth

<https://www.chinawaterrisk.org/notices/new-cwr-report-yangtze-water-risks-hotspots-growth/>

Size matters ! People & GDP ...



Greening the YREB = huge risks + opportunities

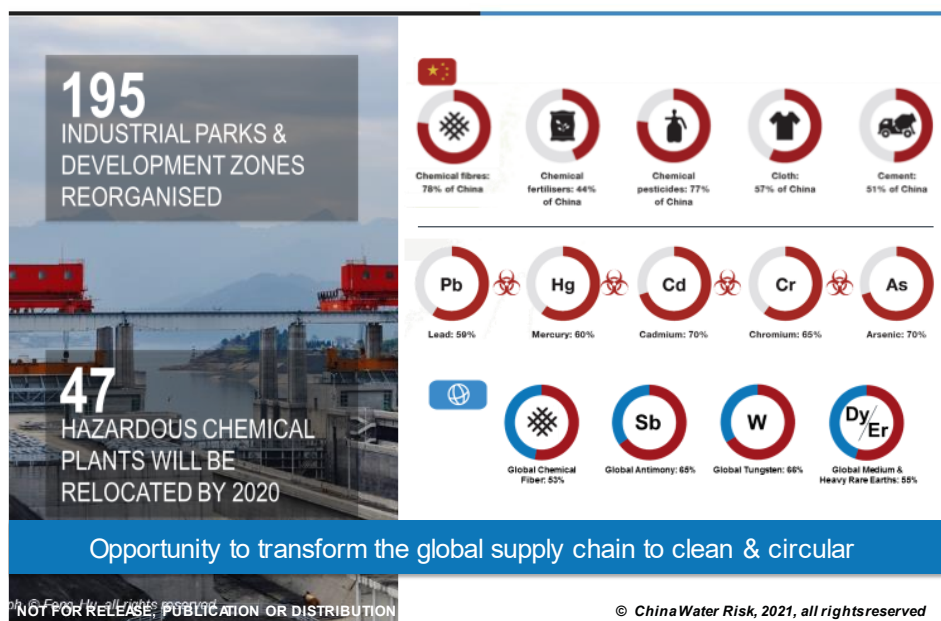
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A "glo-cal" industrial heartland ...

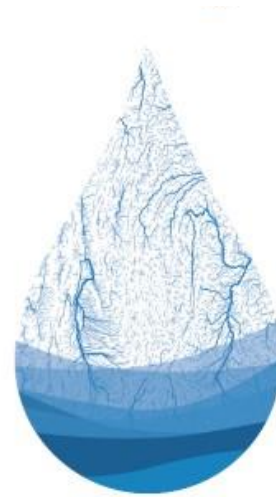


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Highlights from different angles

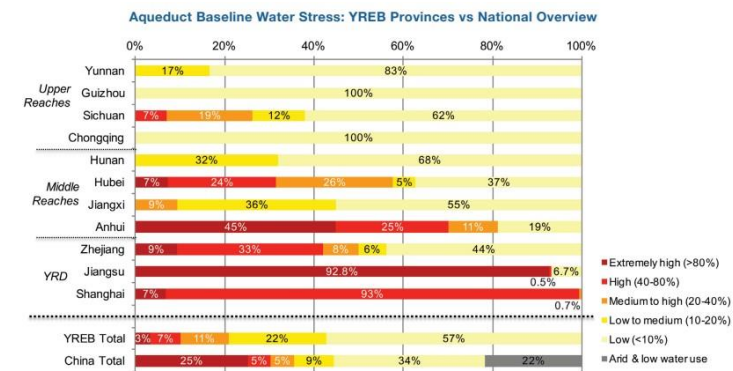
Various water-nomics indicators



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Water stress: developed and highly water stressed...



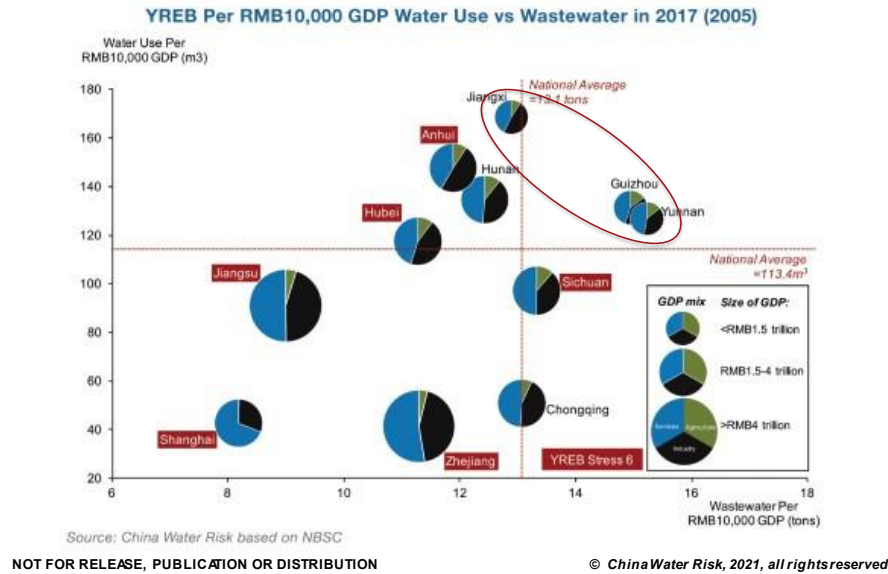
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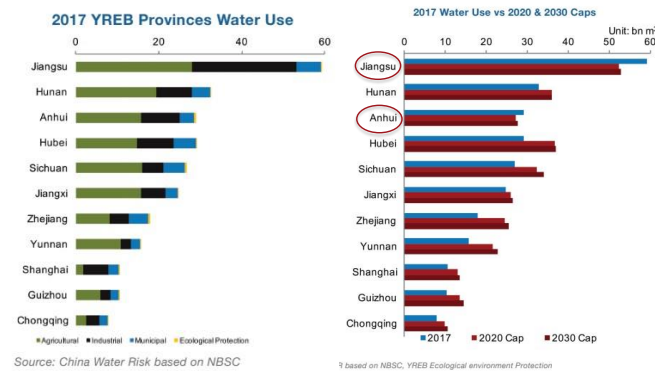
Efficiency: water-nomics performances vary...



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Caps: most are safe...



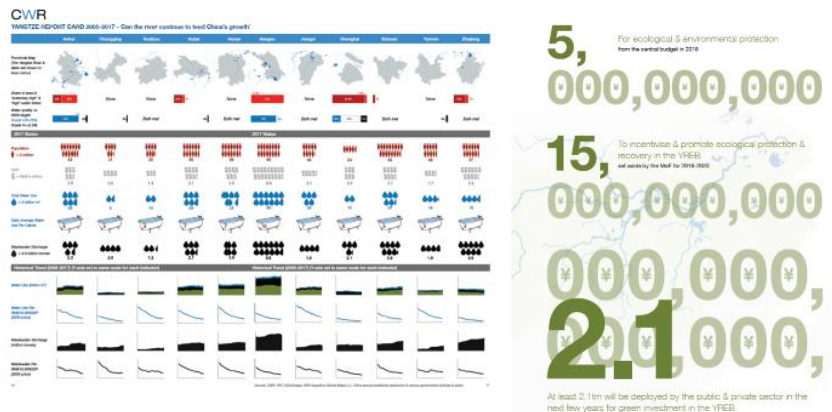
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Water-nomic targets + trillions of yuan...



Multiple innovative policies implemented to protect the YREB

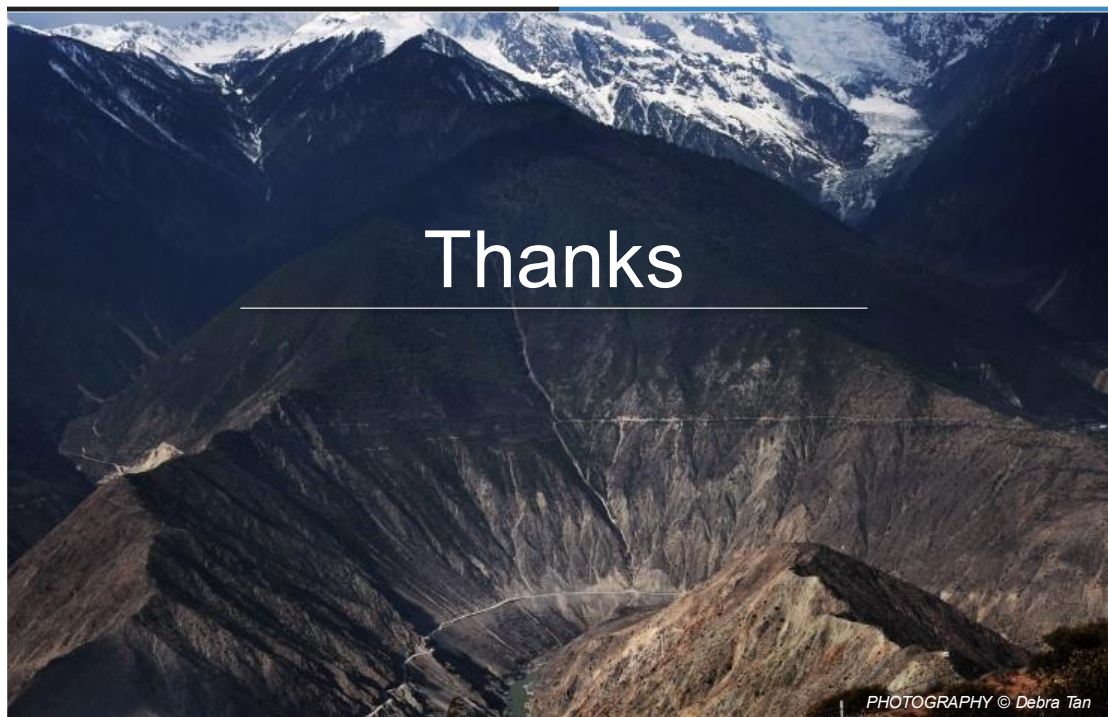
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The new normal ...



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