

# IDEAS

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*Water*

## *IDEAS - Water*

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Kingfisher Capital takes a strategic approach to investing in global trends leveraging water as the centrifugal driver.

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Population growth, Climate Change, Industrialization, and Urban Migration each present direct, multi-factor challenges to both water supply and demand.

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Water is not one industry.

We define the primary and secondary value chain of water and examine the interconnectivity of water with energy, agriculture and industry.

# *Facts About Water*

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- According to World Bank, the amount of water polluted equals the amount consumed.
- Industrialized nations tend to use more. In the U.S. alone, water demand has increased three-fold over the last 30 years with population up only 50%.
- Currently more than 1 billion people do not have access to clean drinking water, 2.5 billion people do not have access to proper sanitation.
- It takes 1,000 tons of water to produce 1 ton of grain – agriculture consumes 75% of world's fresh water. World Water Council predicts shortage by 2020.
- 60,000 children die each day because of unsanitary conditions in the third world and in dense urban slums, 22 million per year.
- Only 20% of world's population enjoys running water.
- Most of the world's major cities still dump all of their untreated wastes directly into natural waterways.
- 2/3 of freshwater is frozen in the ice caps with less than 0.03% accessible via lakes, reservoirs, and rivers (and shipping ice blocks is illogical and unfeasible).