

Rethinking water: A good "water" start for 2104 with the NDRC proposing tiered tariff schemes to rein in top users of water in Chinese cities. With many criticizing that this will not make a difference, we take a closer look at price points & switchpoints between tiers. Pricing water correctly is essential in over-hauling water infrastructure and encouraging innovation. Will Sarni, Director and Practice Leader of Enterprise Water Strategy at Deloitte walks us through existing barriers to water innovation and what it takes to 'rethink water' in the face of rising scarcity. Another signal that it's time to 'rethink water' is the MWR announcement that regional water availability will dictate future coal plans. As part of CLSA's ESG in China Report, Debra Tan shared her views with Charles Yonts, Head of Sustainable Research on why the Chinese government policy on pricing, enforcement, food & energy should be linked due to limited water resources. See why it's time to 'move out of silos' in the full republished interview below. 2014 also brings about the renewal of the Dongjiang Water Supply Agreement between Hong Kong and Guangdong. In the face of rising water prices, is it time for Hong Kong to 'rethink water'? Check out how Hong Kong's water strategy stacks up against Singapore's in Civic Exchange's Su Liu's Tale of Two Cities. It seems that 37 other countries also face national & economic security threats due to extremely high baseline water stress levels – check out who these are in Aqueduct's new Global Water Stressed Rankings. Finally... have you made your New Year's resolutions yet? Here's one to consider ... In 2013, for the entire year, Dr. Christina Dean, CEO of Redress, wore only secondhand clothes. See how much energy & water she saved and how you too can 'rethink water' and save the world by "redressing" your wardrobe. Happy New Year!



EDITORIAL 🌱

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Happy New Year!

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Pricing Water

With NDRC announcing tier tariff hikes, Tan mulls over the proposed tiered water tariffs hikes and whether price points and switchpoints between tiers are properly set

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Water: Moving Out of Silos

CLSA's Charles Yonts interviews

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Government:

- MWR: China [future coal plans](#) depend on regional water availability
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- NDRC: [Report](#) says China is poorly prepared to handle climate change
- Environmental targets missed: NPC promises 'strictest' policies
- MEP: Publish list of [14,410 key national companies to conduct environmental monitoring in 2014](#). All data must be made public
- MEP: [Pharmaceutical industry blacklist](#)
- MEP: [Draft regulations for water pollution prevention & control for the fishery industry](#): 50% of water in the 7 main river basins don't qualify for commercial fishing
- MEP: [RMB354mn for pollutants reduction](#)
- MWR: Water Rights Trading pilots for 53 rivers is expected to be completed in 5 years
- MEP to promote green supply chain certifications and jointly [launches the "Corporate Environmental Credit Evaluation" pilot](#) with NDRC, PBC & CBRC

Reports:

- CLSA: [ESG in China, "Mopping-up"](#)
- HSBC: [China's year of the environment](#)
- KPMG: [Survey of Corporate Responsibility Reporting 2013](#)
- IEA: [Medium Term Coal Market Report](#)
- Social Resources Institute: [Social and Environmental Risk Study on Chinese Supply Chain of Tomato Products](#) (Chinese only)
- Postsdam



CWR's Debra Tan on water & coal, waste, food and textiles. See why it is time to 'un-silo' water

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Water: Tale of Two Cities
Su Liu of the Civic Exchange discusses the strategies adopted by Hong Kong & Singapore towards solving their water scarcity. Who's ahead?

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Out With the New
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Aqueduct finds 37 countries face national & economic security threats from exposure to extremely high baseline water stress levels

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Institute: [Multimodel Assessment of Water Scarcity Under Climate Change](#)

Events:

- [The Redress Forum 2014](#): 14 January: Panel Discussion in HK on the Future of Fashion

Interest:

- ~3.33 mn hectares of China's farmland is too polluted with heavy metals & other chemicals to grow crops
- Chinese cotton growers to plant 9% less in 2014 (10.5mn acres), making it the 3rd straight year of decline
- Middle route of S-N Diversion Project completed but MEP says only 10% of pollution targets met
- MEP to focus on cement, batteries & leather industries in anti-pollution drive
- Tiered tariffs for industrial & commercial users in 2014 for Beijing and Guangdong
- Guangdong: Water use expected to fall by 11%
- Beijing: No new residential construction allowed in water stressed areas
- Beijing: Increases wastewater violation penalty from RMB10k to RMB0.5mn
- Hebei: No Grade V water by 2017
- Shanghai: Stricter monitoring of water use for powergen, steel & petrochem industries
- Shanghai: Baillan Group, Shanghai GM and IKEA launch green supply chain demo
- Shanghai: Wastewater from a water plant turns river bright 'sky blue' but officials says water meets standards
- Chongqing: RMB1.14bn for water & enviro protection of rural areas
- Hangzhou, Zhejiang: To reduce water use to <4.2bn cum by 2015
- Fujian Coast: Huge black water plume (~50 Olympic swimming pools) found; Greenpeace blames local textile industry
- Sinopec upgrades refinery to meet discharge standard for wastewater & water reuse

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- Increasing water prices
- Pollution along the South-North Water Diversion Project

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