

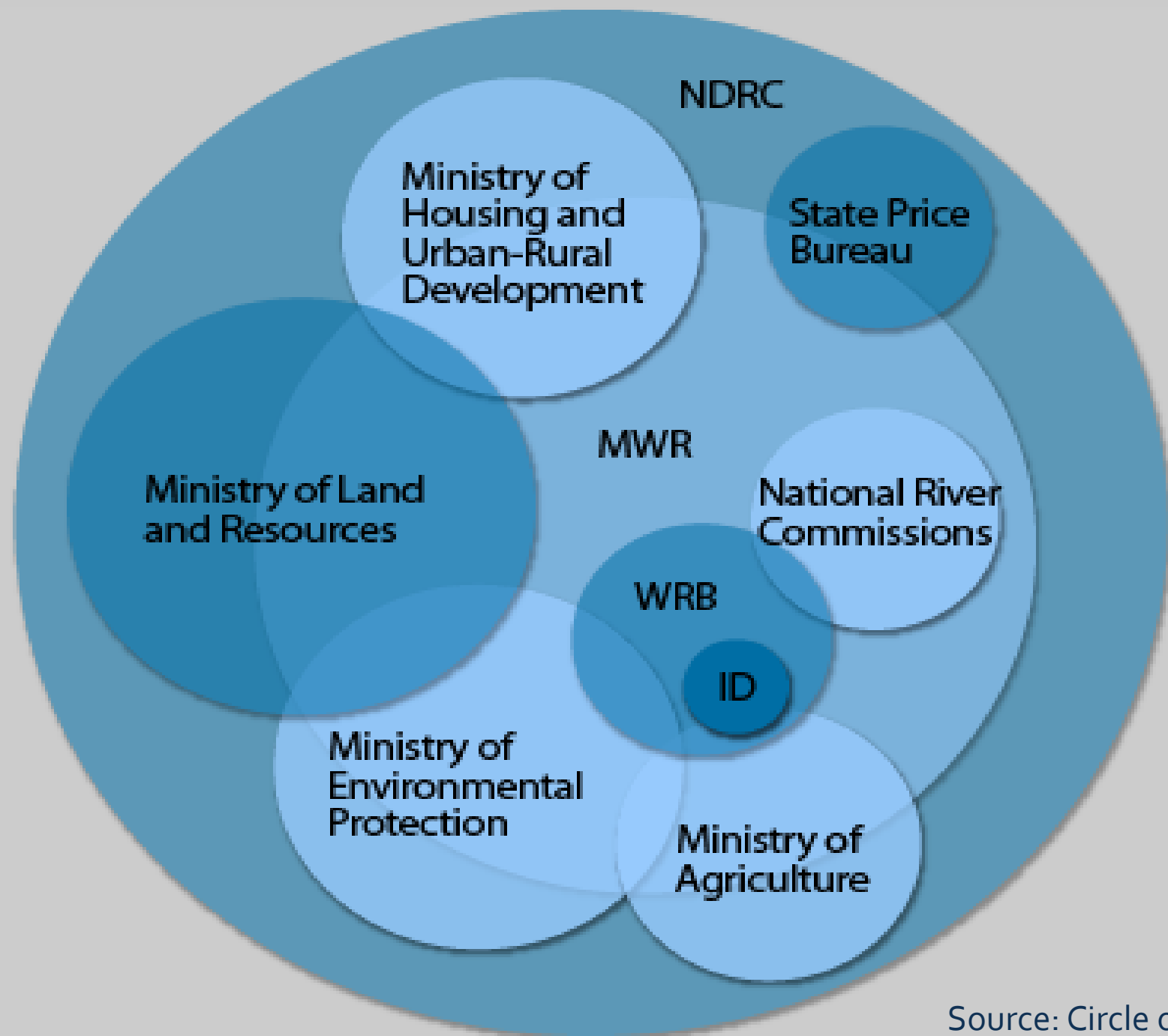
# CHOKe POINT

SOLUTIONS

 circle of blue



Photo Credit: David Maximillian Waterman



# Overtapped Mother River



Photo Credit: Circle of Blue





**South-North Water Transfer Project, 2050**

# 20% of All Water Used Goes to Coal Sector



Photo Credit: ChinaFotoPress/Getty Images



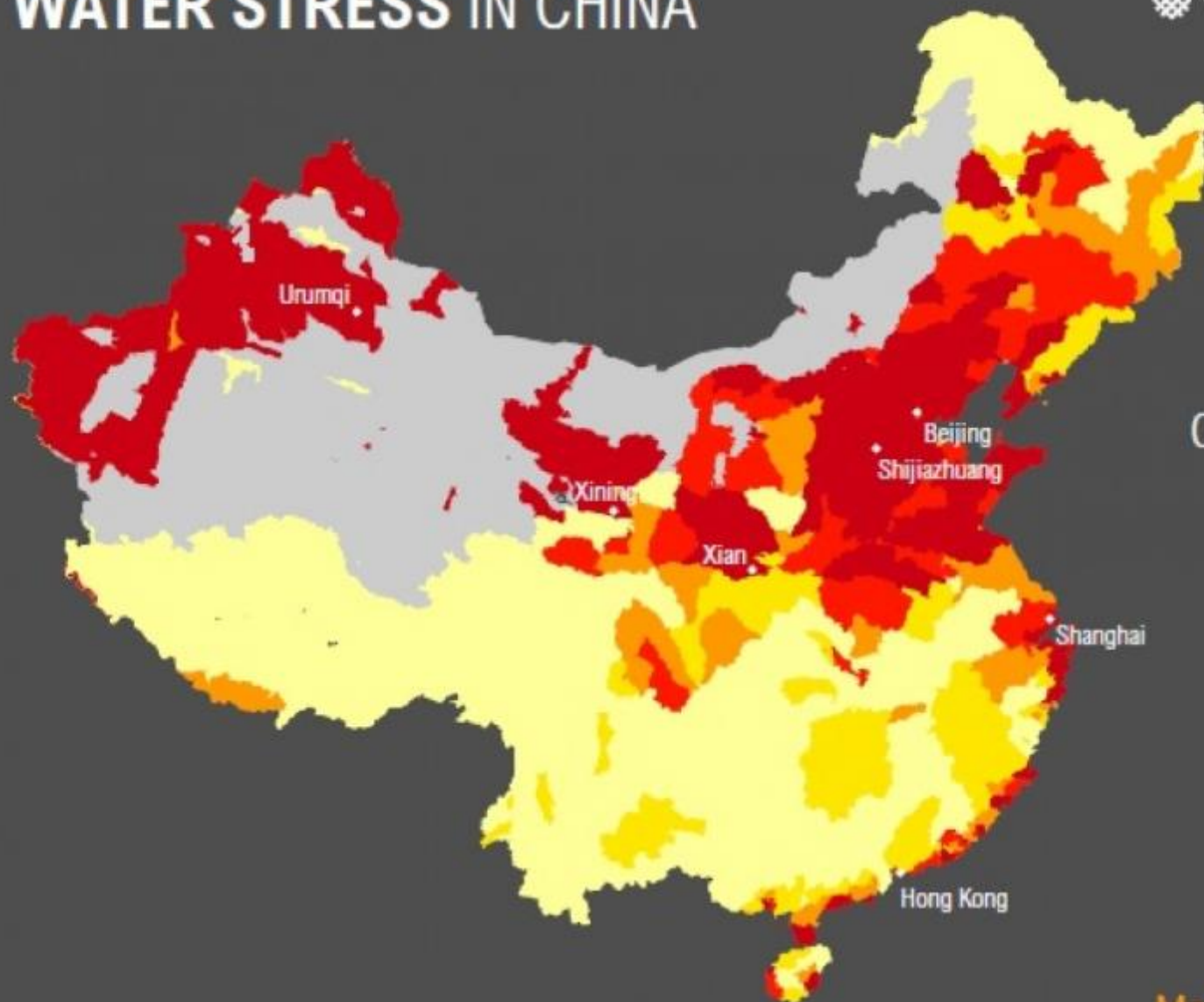
# The King is Thirsty



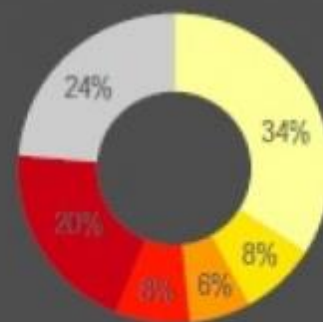
**China's Demand for Energy is Outpacing its Freshwater Supply**

# WATER STRESS IN CHINA

 WORLD RESOURCES INSTITUTE



Countrywide distribution of land under stress



Arid & low water use    Low    Low-medium    Medium-high    High    Extremely high  
(Ratio: withdrawals/supply)    <10%    10%-20%    20%-40%    40%-80%    >80%

Medium-high national stress:  
rank 70/181 score 2.94



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26%

# Ningdong Energy Base

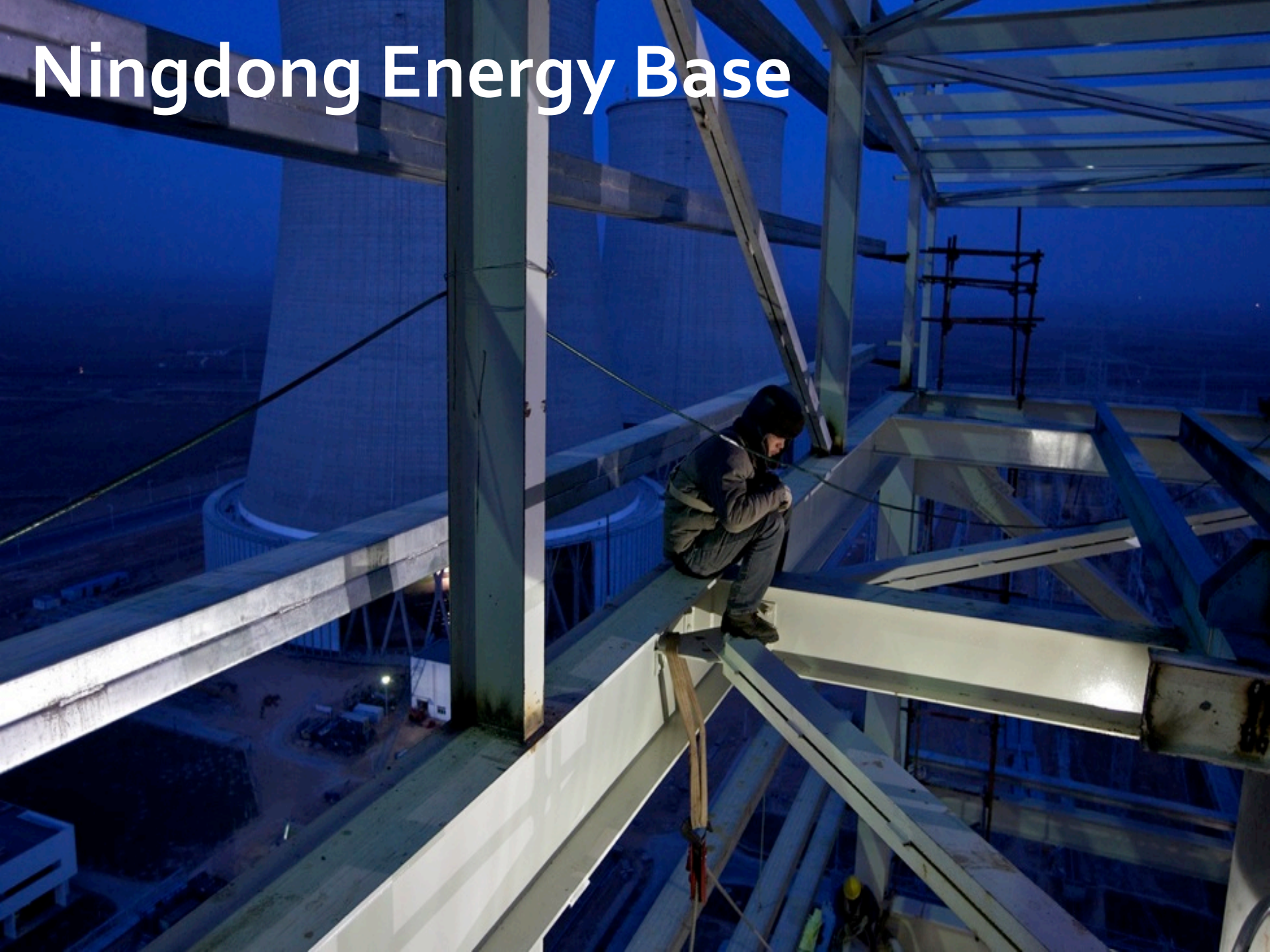






Photo credit: Carl Ganter/Circleof Blue



Photo credit: Carl Ganter/Circleof Blue





South-North Water Transfer Project, 2050

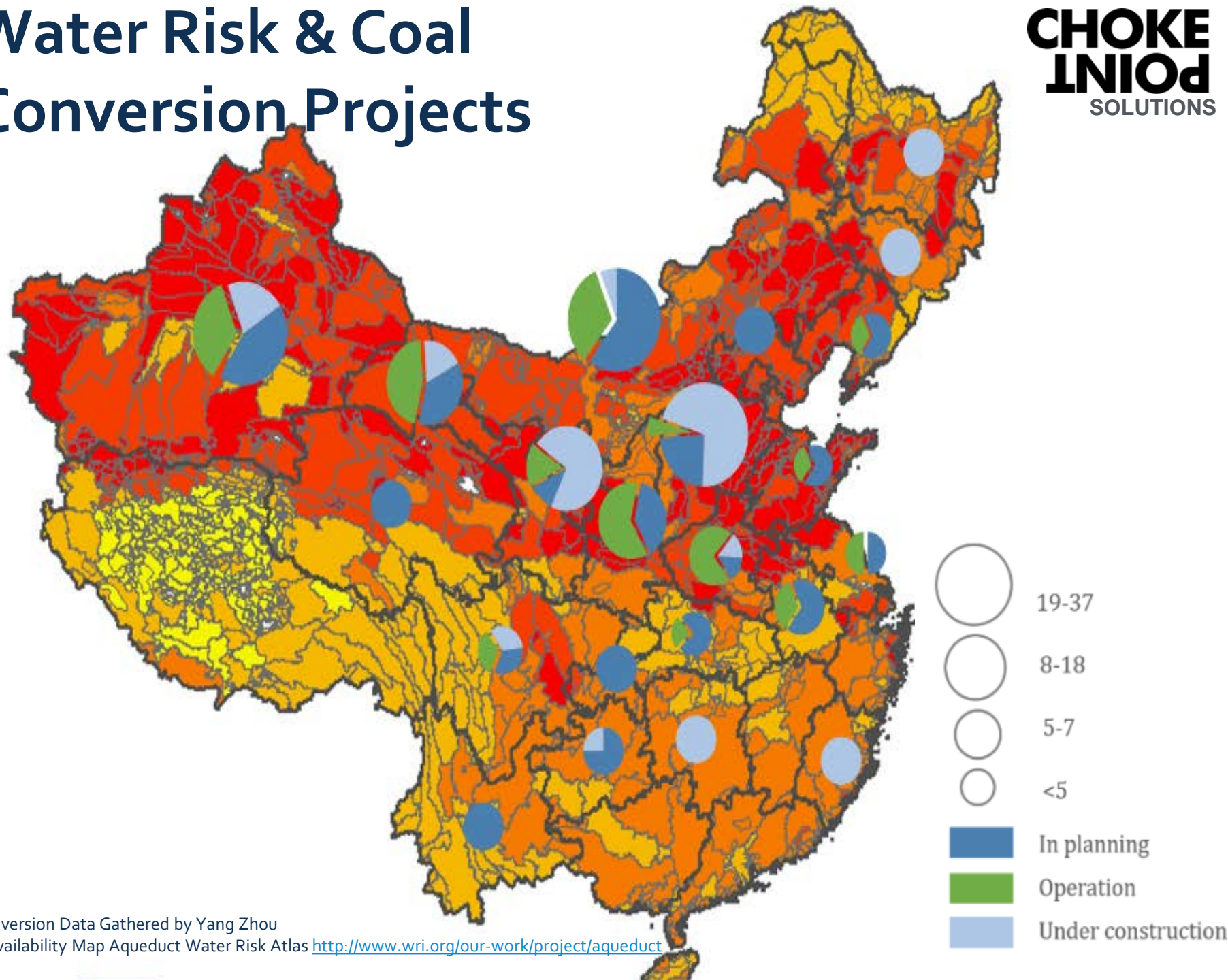


South-North Water Transfer Project, 2050



# Water Risk & Coal Conversion Projects

**CHOK  
POINT**  
SOLUTIONS



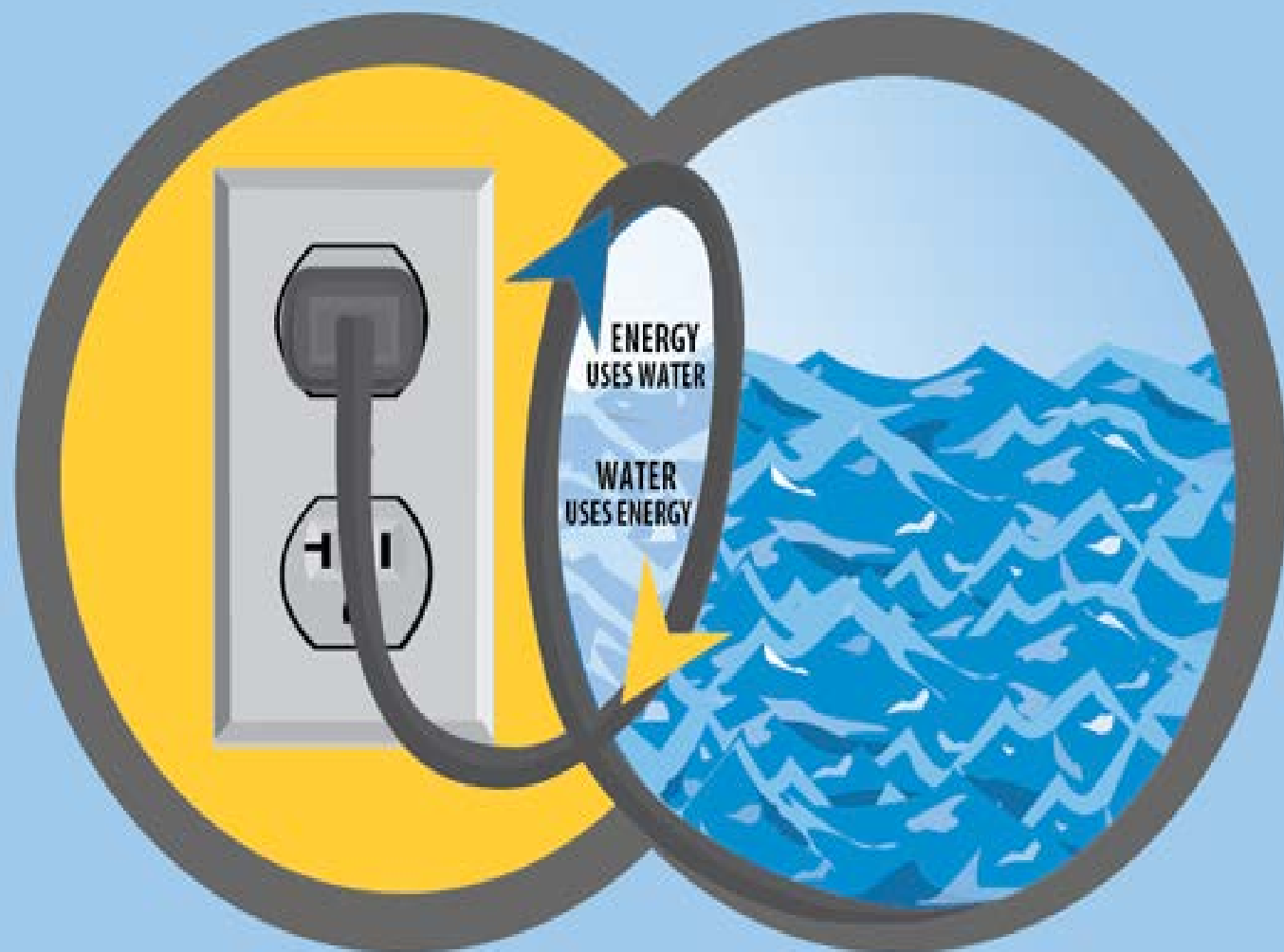
Coal Conversion Data Gathered by Yang Zhou  
Water Availability Map Aqueduct Water Risk Atlas <http://www.wri.org/our-work/project/aqueduct>

# Ningdong Energy Base Water Trading















**Sludge-to-Energy**



