

# Financing RRR: Hydro-Economic Context

**Anders Berntell**

Executive Director, 2030WRG

Stockholm, August 31, 2017

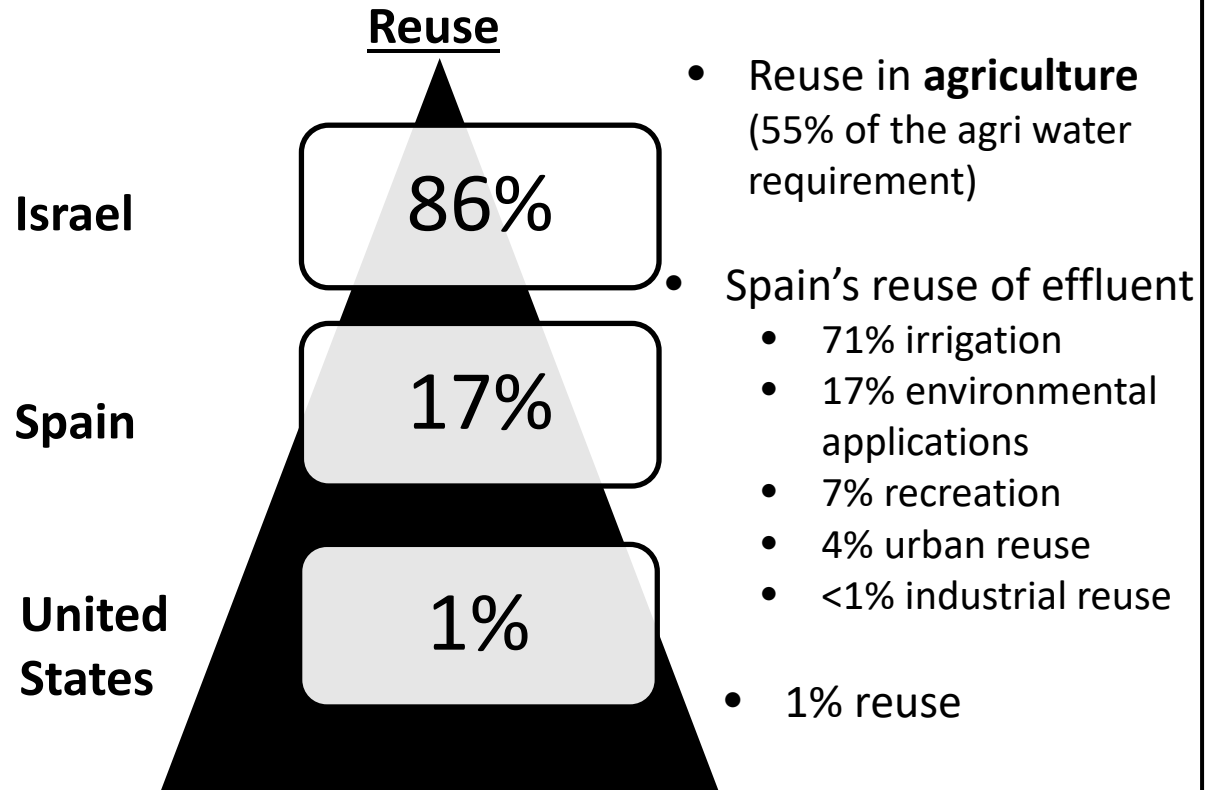
# Global Comparisons

Israel tops the list for wastewater reuse, with water scarcity as the driving factor

## Comparative Analysis

### Wastewater Treatment

- **20%** of globally produced wastewater receives proper treatment
- Wastewater treatment capacity:
  - **70%** (high-income countries)
  - **8%** (low-income countries)



**Agriculture** principal user of reclaimed water – **20-45 million hectares** worldwide

Sources: Water Authority data; NY Times May 29 2015, FAO (2010) Sato et al (2013); UNESCO (2012)



# 2030WRG Cost Curve for Karnataka Urban Sector

Wastewater reuse is shown to be more cost effective than other solutions

## Cost Curve

Karnataka - Urban Sector

- B = Bangalore
- 51 = 51 biggest urban centers after Bangalore
- Others = Other Towns

