

BUSINESS AS USUAL IS NOT AN OPTION

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Ministry of Economy
Soulful Economy



Israel
NewTech



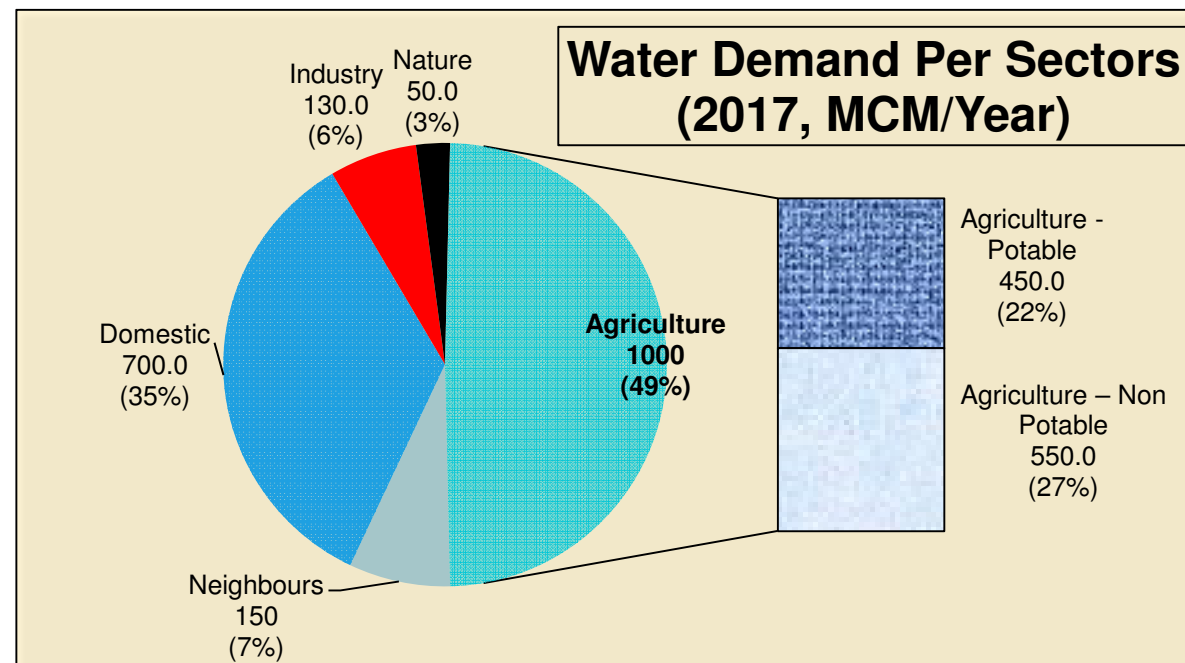
WATER - A National Priority



Water Decoupling

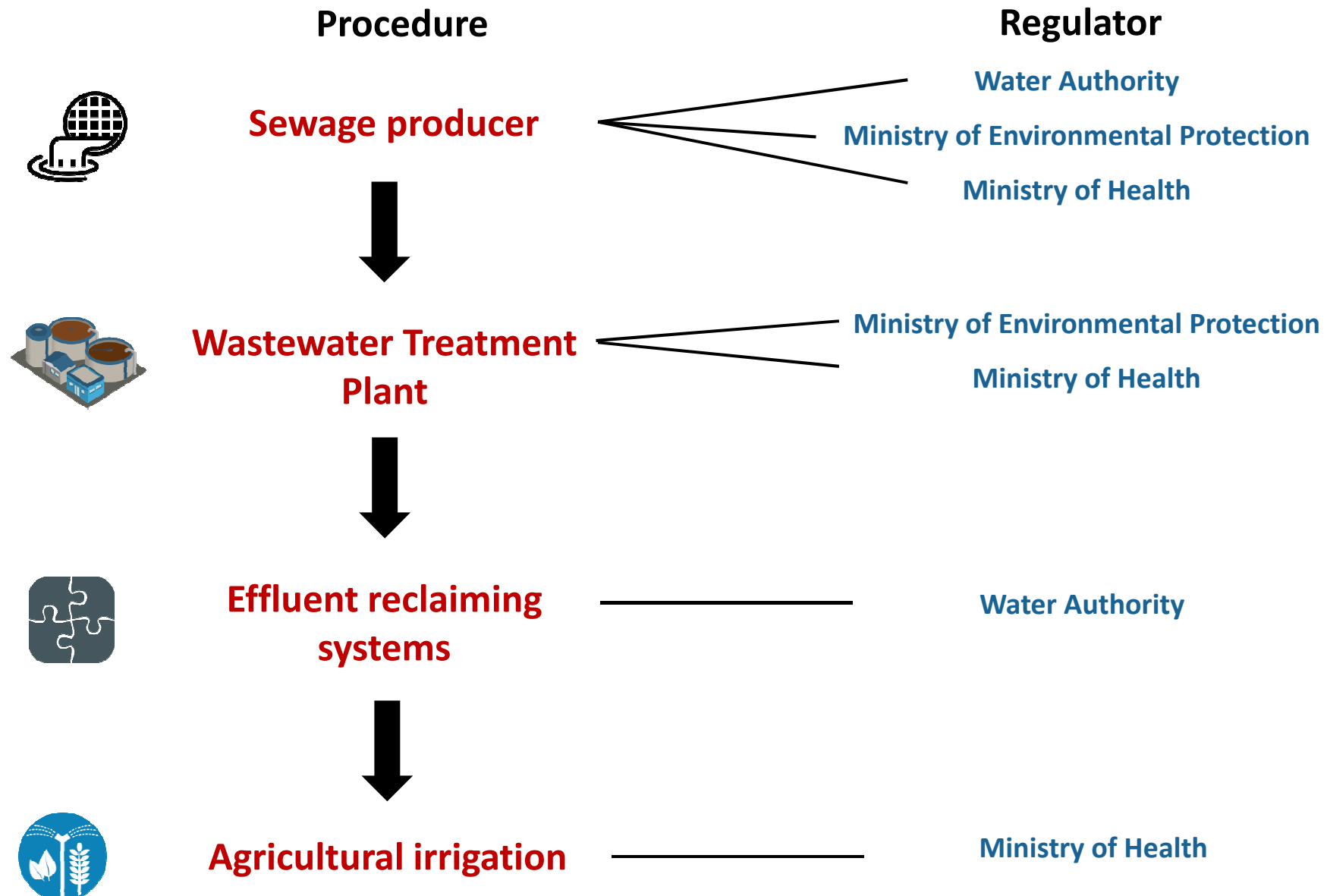
- Natural water refill: 1170 MCM (per year)
- Water consumption: 2030 MCM (per year)

- Annual Shortage of over ~45%
- Daily Domestic Consumption Per Capita ~170 Liters



Source: Israeli Water Authority

Chain of Treated Wastewater Supply



Water Tariffs for the Agriculture Sector

- Reclaimed wastewater for unlimited irrigation is~ 0.33 \$/m³
- Reclaimed wastewater for limited irrigation is~ 0.28 \$/m³
- Potable water for Agriculture is~ 0.56 \$/m³



Wastewater Treatment Plant (Shafdan) and the Pipeline to Negev

Sewage from the Greater Tel Aviv area – 125 MCM/Y

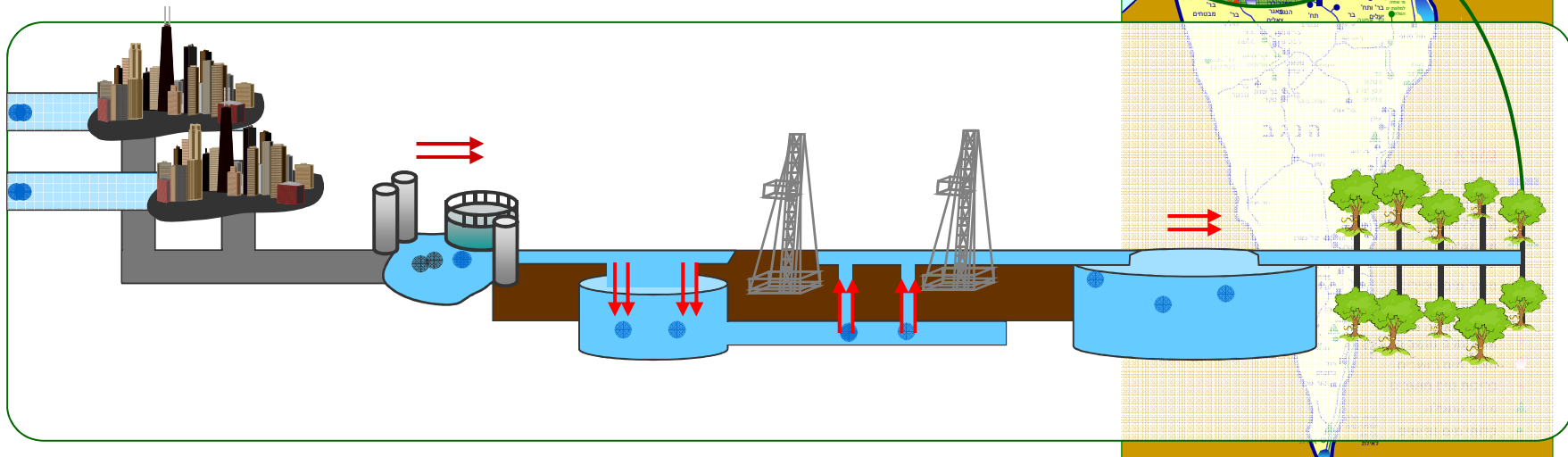
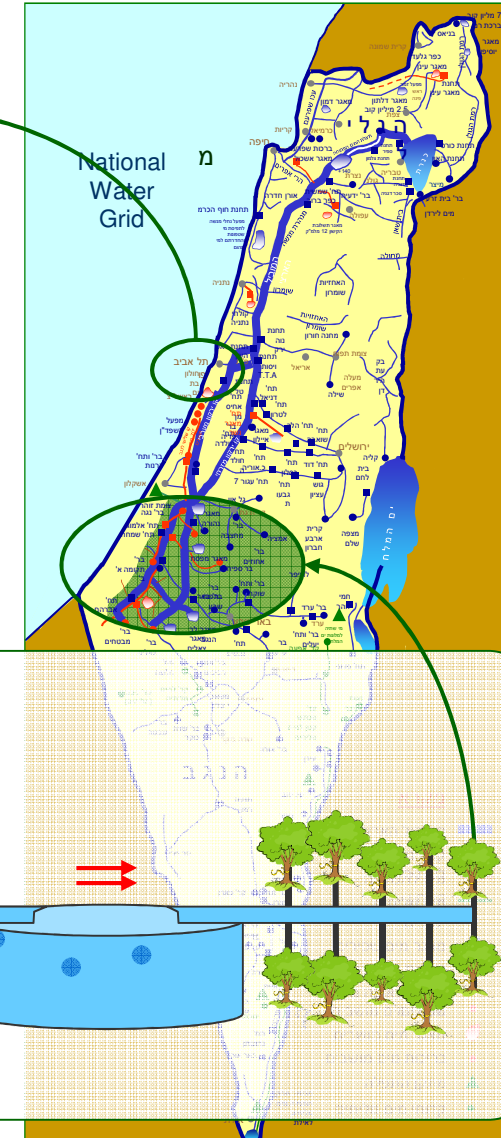
Large-scale WWTP – secondary treatment quality

Six infiltration fields

Over 150 production and monitoring wells (quality permitted for “occasional drinking”)

90km pipeline to Negev

32 pumping stations, operational storages (0.51MCM) and seasonal storages (17.2 MCM)



Decentralized Sewage Treatment

