

# The role of companies in building resilient cities amidst natural resource constraints

## *Aguascalientes Waterfund Project*

*August 16st, Lille  
World Forum*

## Why do we speak about resilient cities?

### SHOCKS

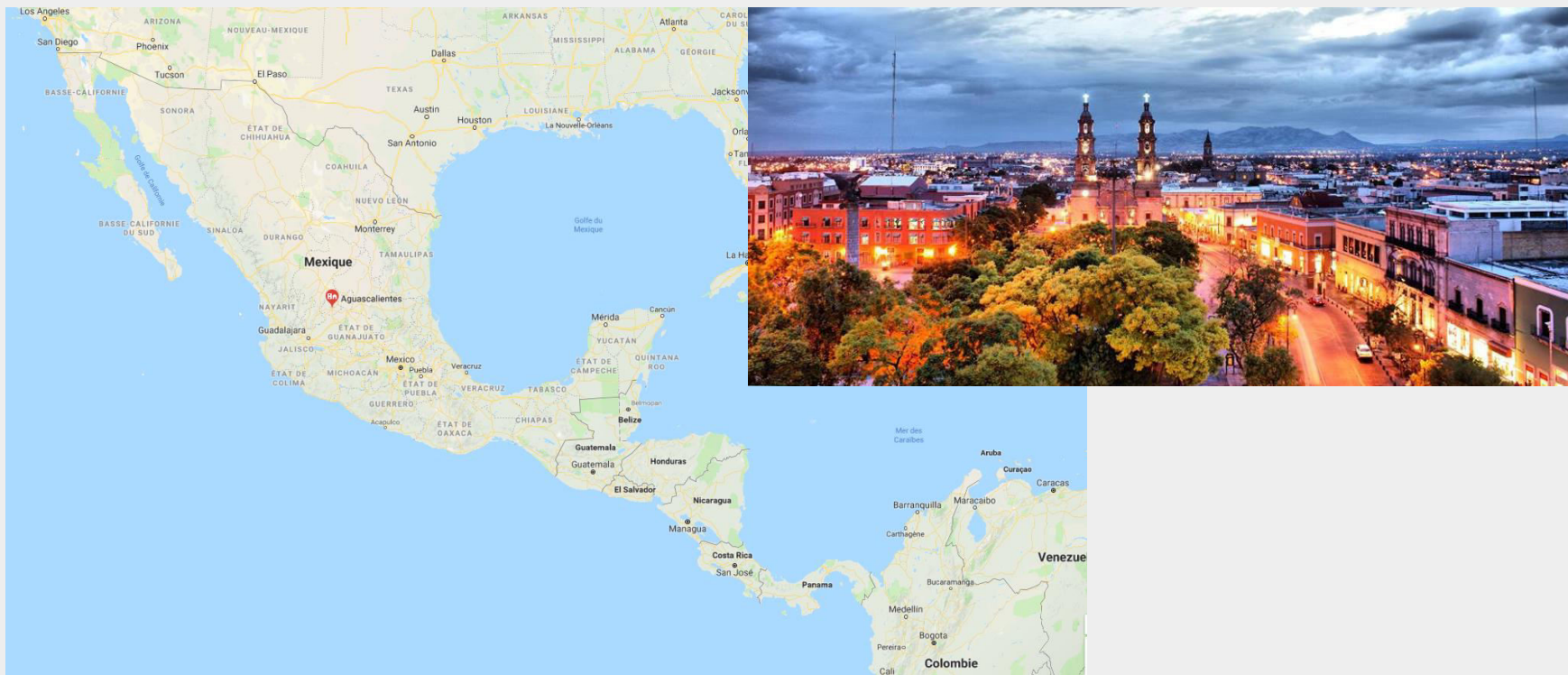
- Natural Disasters
- Terrorist Attacks
- Pandemics
- Human-caused environmental disasters

### & STRESSES

- Aging infrastructures
- Urbanization
- Conflicts over resources and shortages
- Greenhouse gas
- Air pollution
- Constant regulatory and normative solution



# Aguascalientes – Mexico

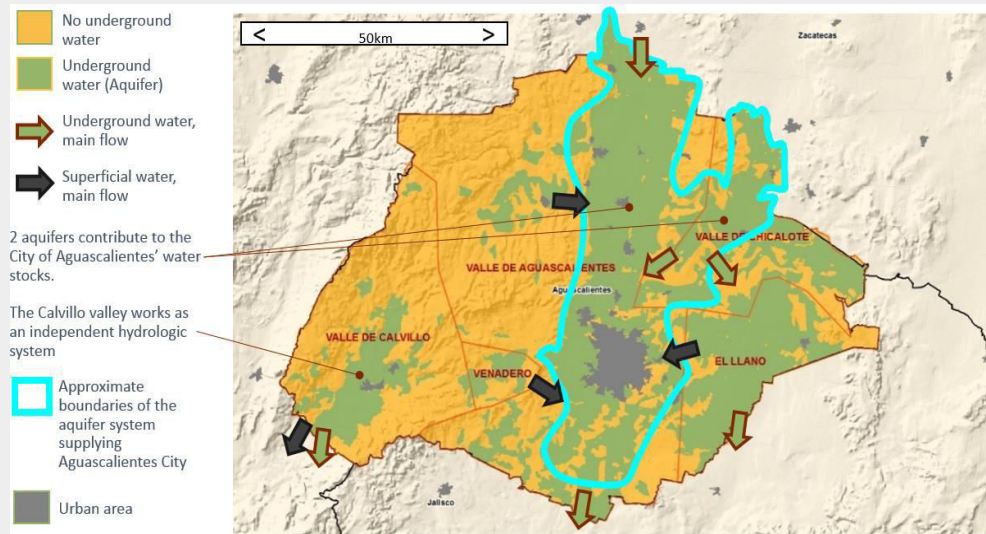


# Aguascalientes – Mexico



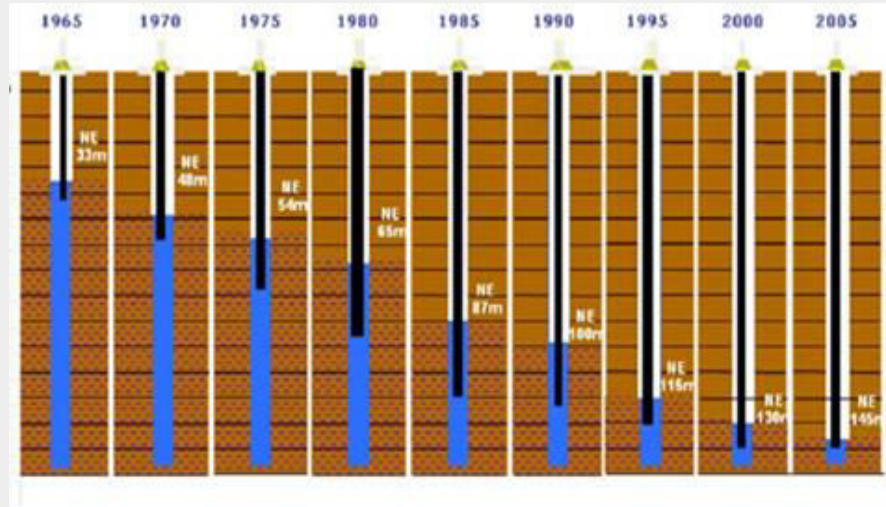


# A growing metropolitan area in a resource-stressed landscape



UNDERGROUND WATER RESOURCES OF THE STATE OF AGUASCALIENTES, SHOWING THE AQUIFERS SUPPLYING AGUASCALIENTES CITY (Livelihoods adaptation FROM PRO-NATURA AND TNC, 2017)

## A growing metropolitan area in a resource-stressed landscape



AGUASCALIENTES AQUIFER LEVEL EVOLUTION SINCE 1965  
(PMA Mexico 2007)

If we consider the estimated actual groundwater withdrawals (and not the authorized volumes),  
**280.6 Mm<sup>3</sup>/year (= 32 010 m<sup>3</sup>/h)** need to be saved

# Aguascalientes – Mexico



Aguascalientes state

City of Aguascalientes





Joining forces to better understand

THE NATURE CONSERVANCY— OUR PRIORITIES

Protect Land and Nature

The Nature  
Conservancy



Protecting nature. Preserving life.™



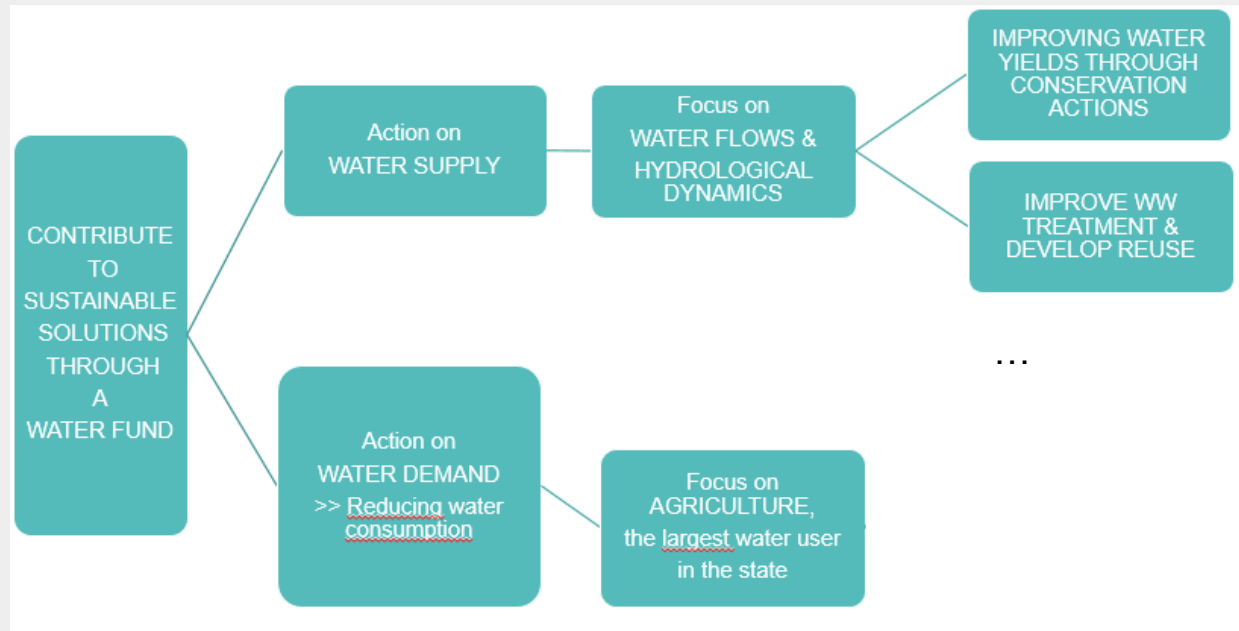
# Joining forces to better understand - TNC

## Water Funds around the world

The Water Fund model is being replicated in diverse, global geographies.



# Shaping Water Fund at regional scale



## Prefigure the water fund actions by testing

