



Circular Creativity



AQUA LOCAL

From grey water to green electricity



Water scarcity

Guadalajara faces growing water scarcity, putting pressure on both communities and industries.

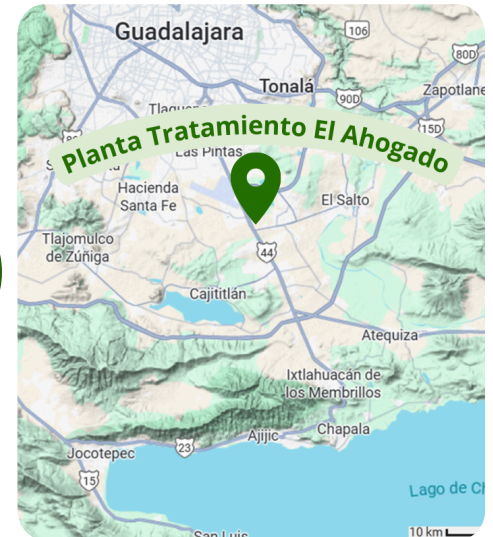
Pollution of rivers and Chapala Lake

Rivers and Chapala Lake are increasingly polluted by industrial wastewater, harming ecosystems and local resources.



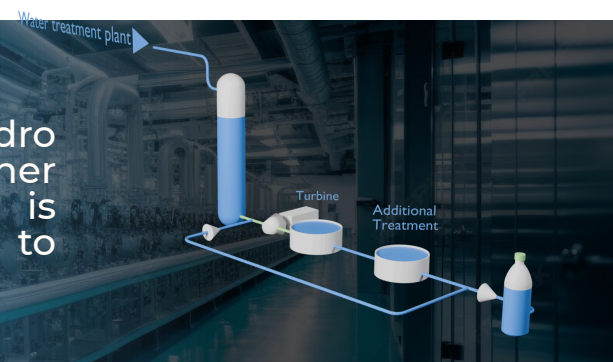
Health risks for local communities

Pollution and lack of clean water create serious health risks and foster mistrust among local communities.



Our Solution

Guadalajara's tech wastewater powers hydro turbines via gravity, then is filtered. Finally either this clean water is stored into a reservoir or is injected into the first loop toward the turbine to produce more electricity.



Positive impact

Business

Revenue from energy, wastewater treatment, and purified water; cost savings; scalable model.

Human

Cleaner water, better health, local jobs, stronger community trust

Nature

Wastewater transformed into energy: 1443 tCO₂e/year avoided compared to nowadays

23