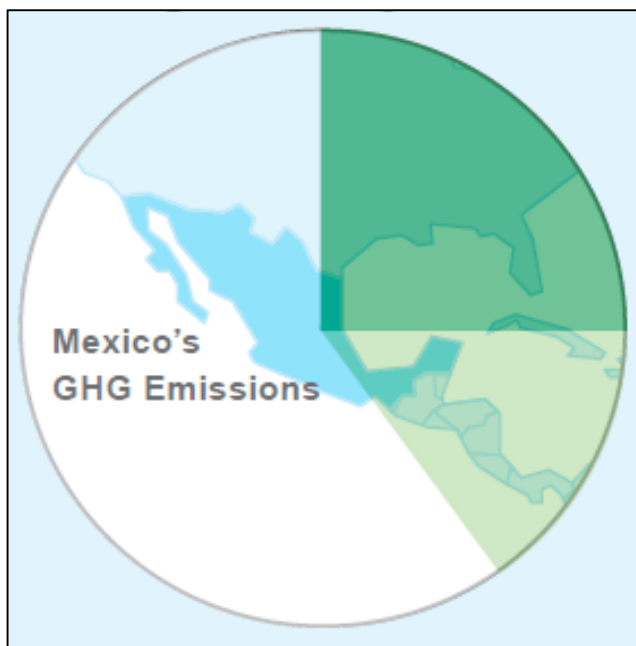


Mexico is leading the way towards progressive climate action



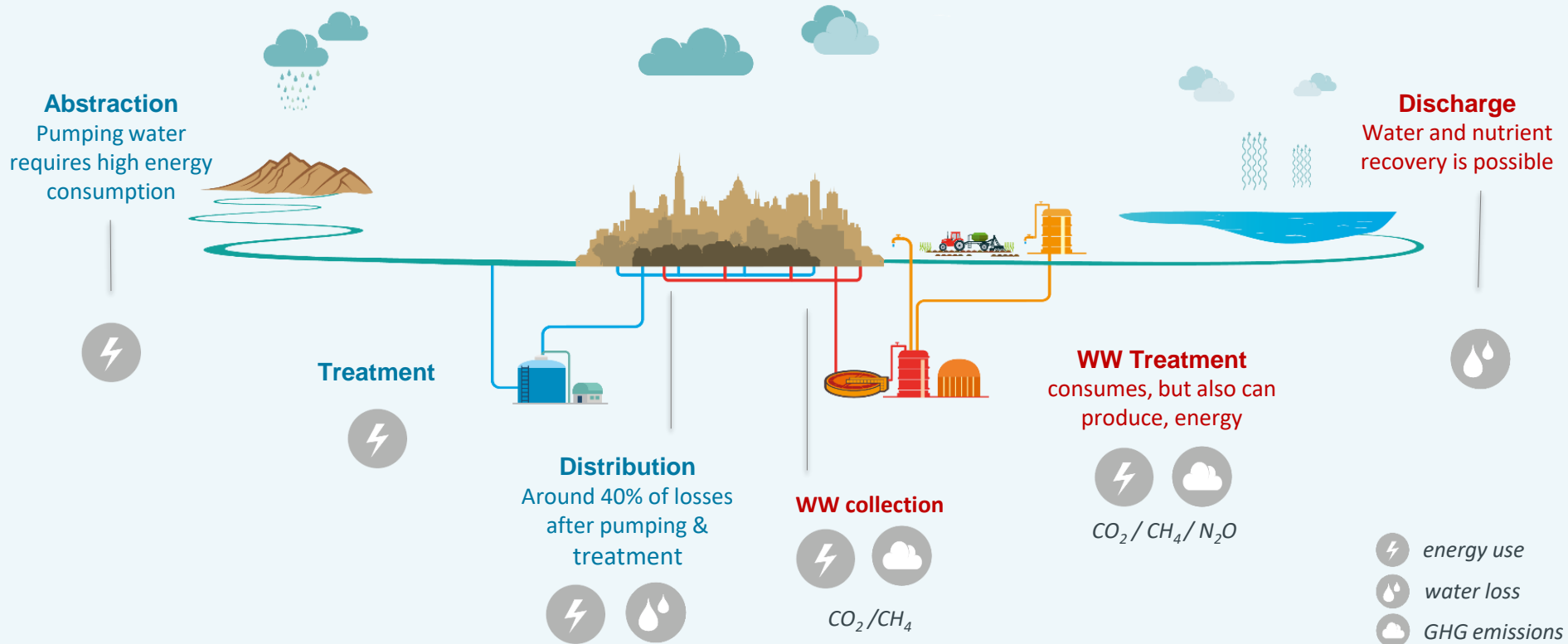
## NDC Pledged by 2030

- 22% GHG reduction
- 36% GHG reduction with International support

It is estimated that 5% of all GHG emissions & electricity consumption in Mexico come from the **urban water supply & wastewater sector**.

# Energy Intensity in the Urban Water Cycle

Every urban water cycle has its own energy and carbon footprint.  
*How close can we get to the minimum possible value?*



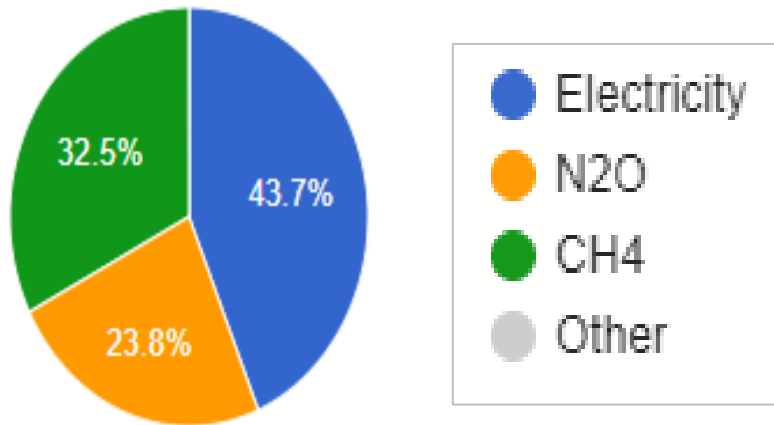
# ECAM AS TOOL FOR MONITORING, REPORTING, VERIFICATION IN THE WATER SECTOR



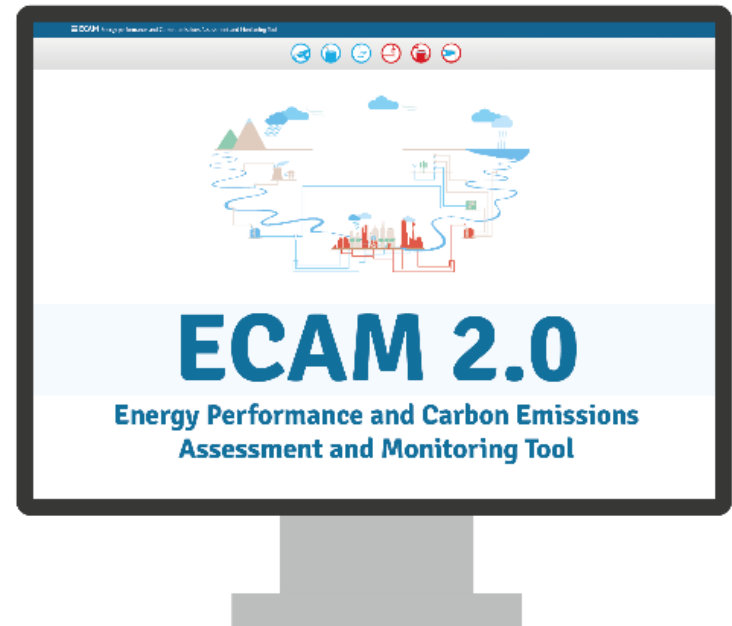
# Baseline assessment

## Baseline assessment for San Francisco del Rincón

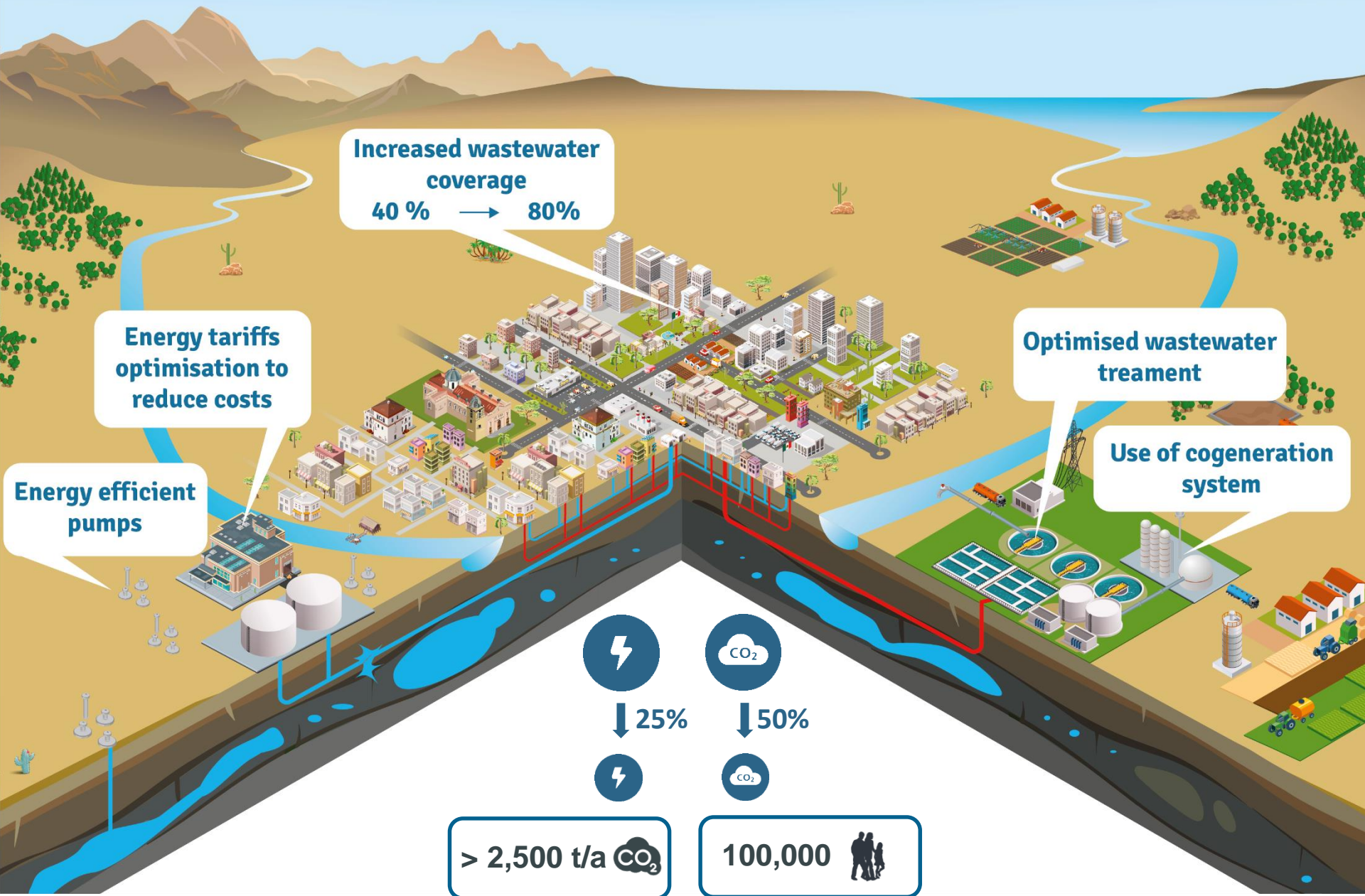
Year 2014  
**5.200 t CO<sub>2</sub>e/a**



GHG by source

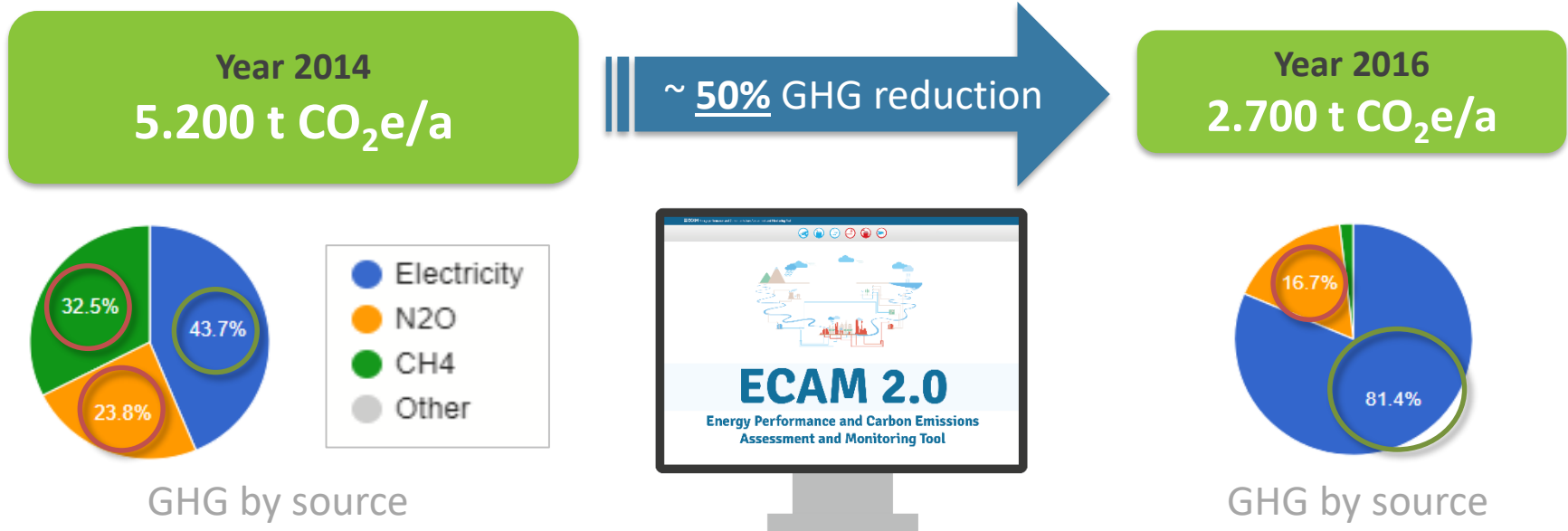


# Pilot Utilities Pioneering the Low Carbon Path



# Impact of Implemented Measures

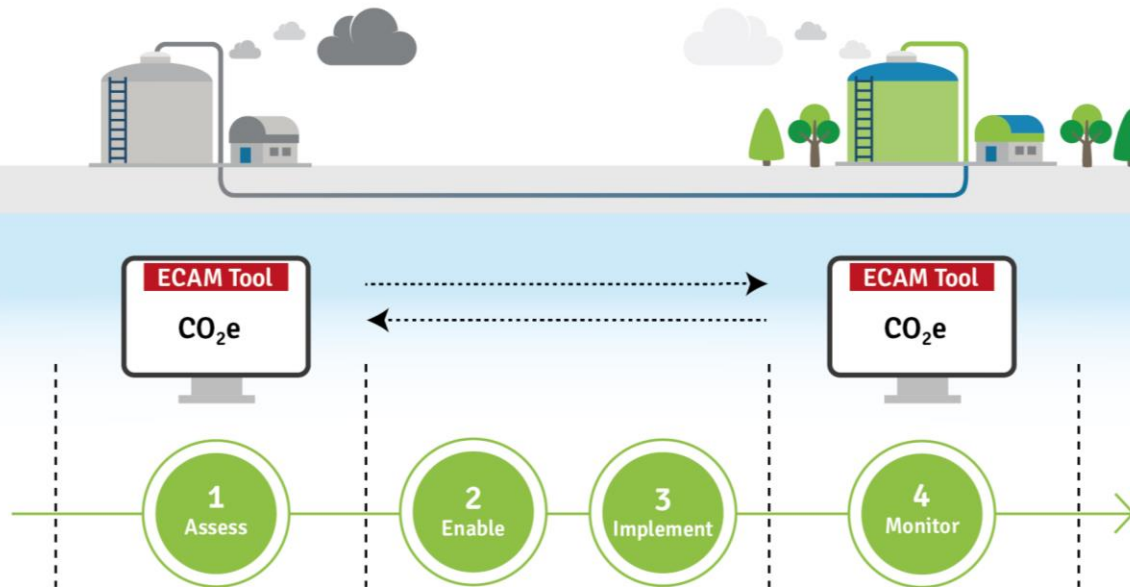
Baseline assessment resulted in significant GHG reductions:



## Co-benefits

- Volume of treated wastewater **+30%**
- Energy consumption per m<sup>3</sup> treated wastewater **-25%**
- Energy costs per m<sup>3</sup> pumped **~10%**

# Roadmap for Decarbonising Mexico's Water Sector



## LOCAL LEVEL

Project development  
to reduce GHGs

## STATE LEVEL

Strengthen  
capacities and foster  
partnerships

## NATIONAL LEVEL

Link access to national  
financing with ECAM  
assessment

# Efficient Technologies are needed for the Transition to Carbon Neutrality

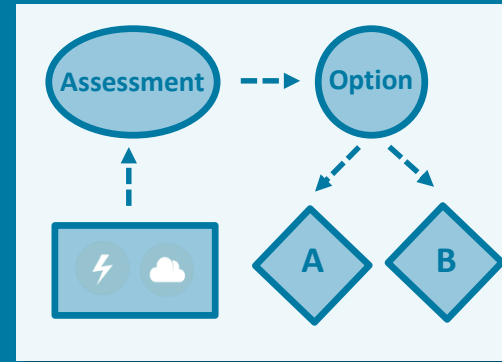
## WaCCliM in Mexico



Guanajuato



Queretaro, Guanajuato



WWTP Decision Support Tool



Water Savings

