

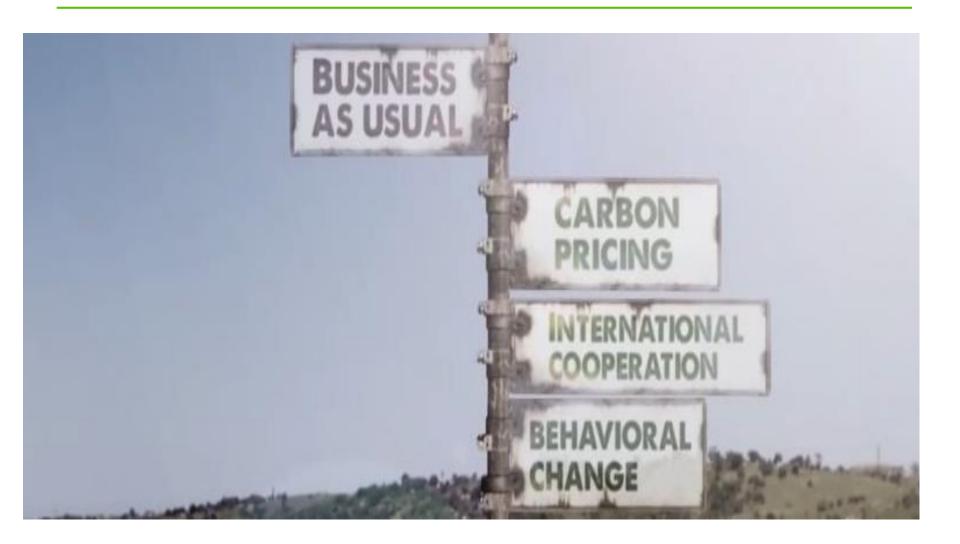
### Water to mitigate climate change: beyond the obvious



Climate action in urban water services to decrease greenhouse gas emissions and increase energy savings

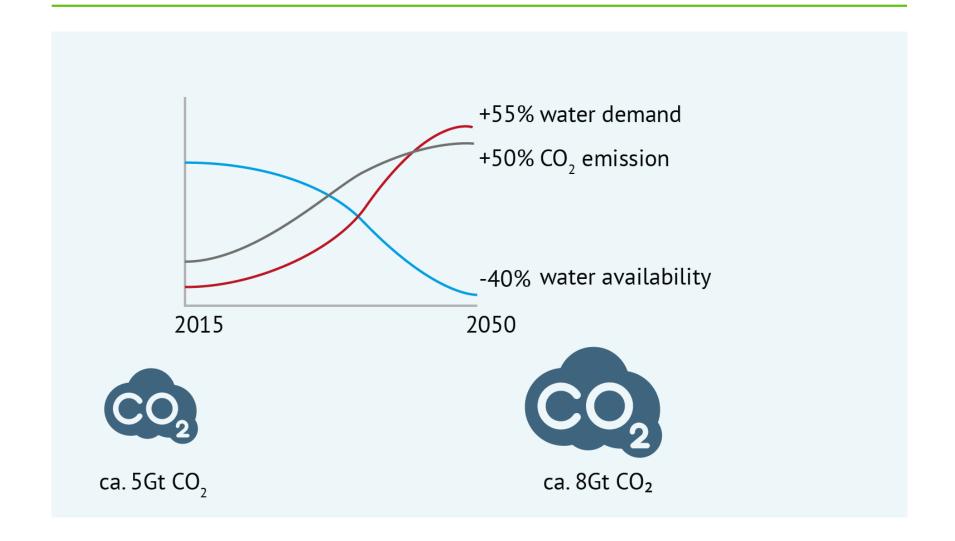
# In the past 50 years carbon dioxide concentration levels have doubled.





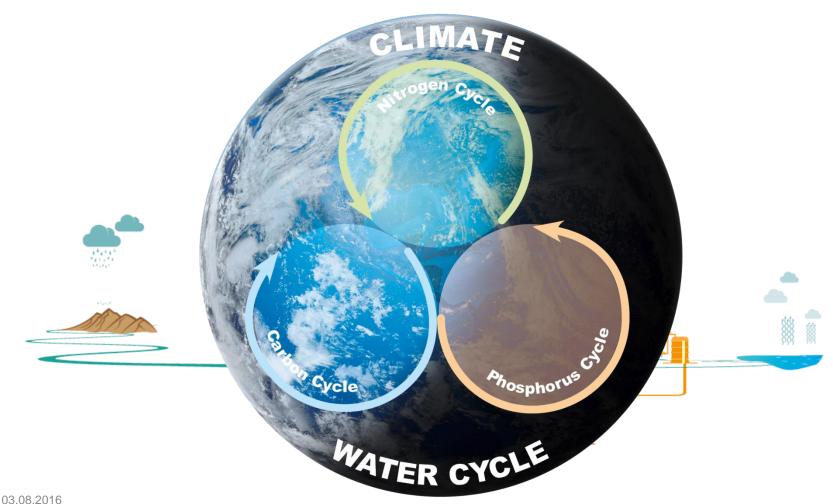
# Water demand will rise while water availability will drop





### A paradigm shift is needed from linear to circular...







#### **WacCliM - Water and Wastewater Companies for Climate Mitigation**

#### **Objective**

### Reduce Utilities' Carbon Footprint and Accelerate Action to Decarbonize the Water Sector

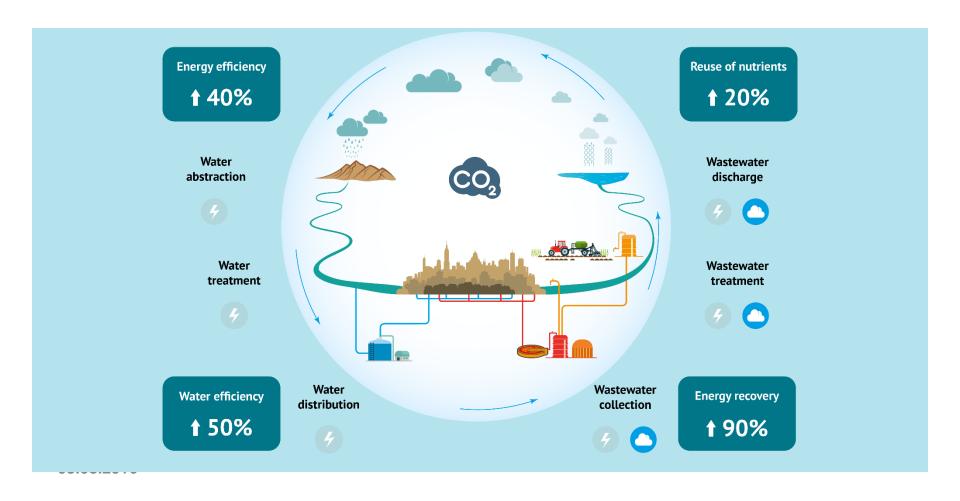
#### **Major Measures**

Implement GHG Reduction Measures Strengthen Enabling Environment Build and Disseminate Knowledge

Climate neutral water utilities

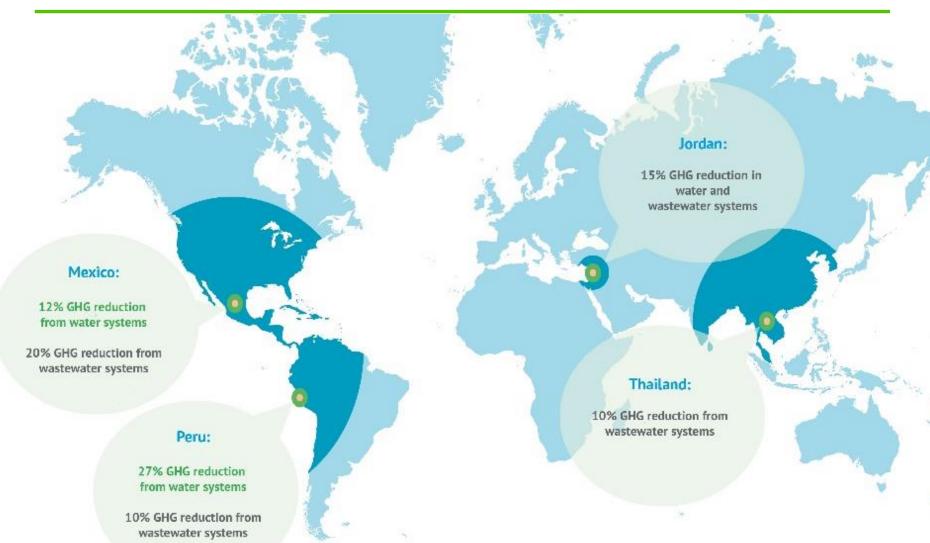
# What are the mitigation opportunities in the urban water cycle?





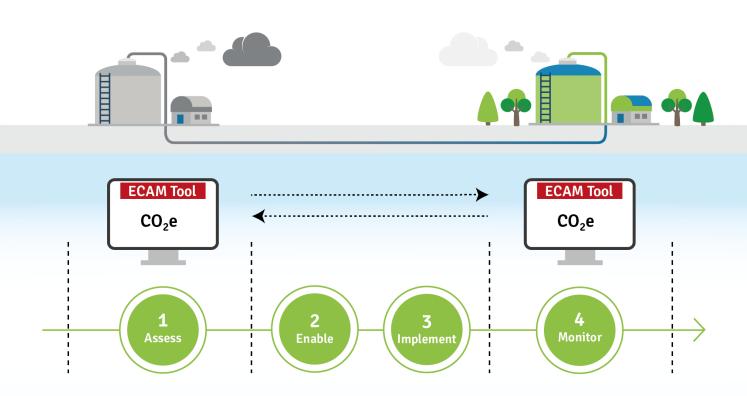
#### WaCCliM: Where are we working?



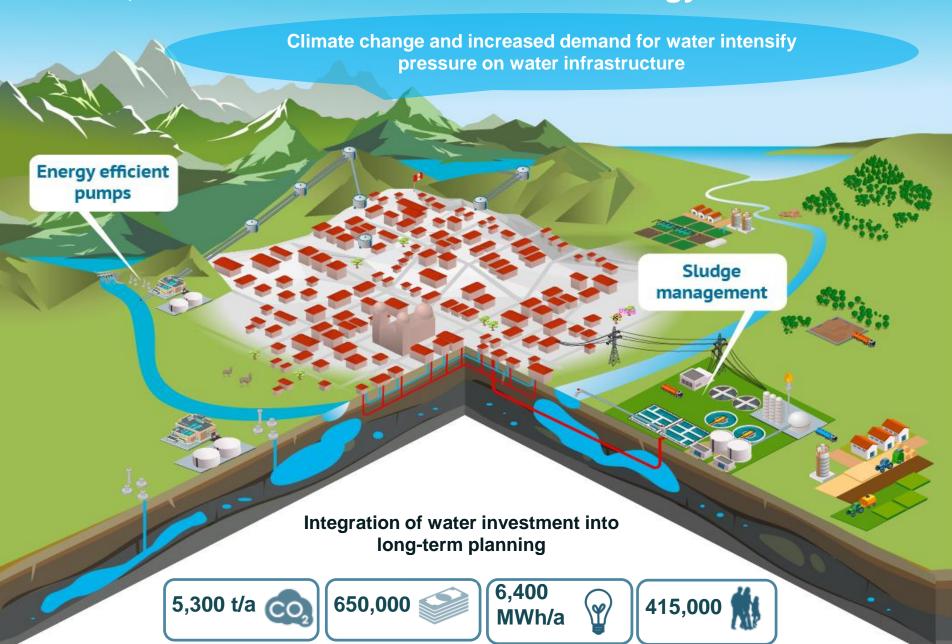


### Roadmap for CO<sub>2</sub> Reduction



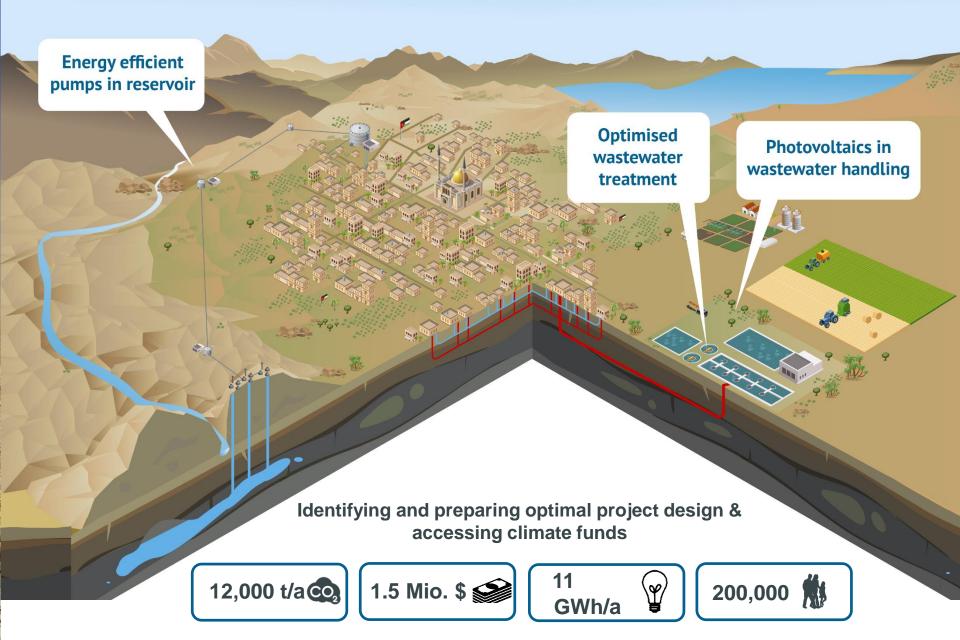


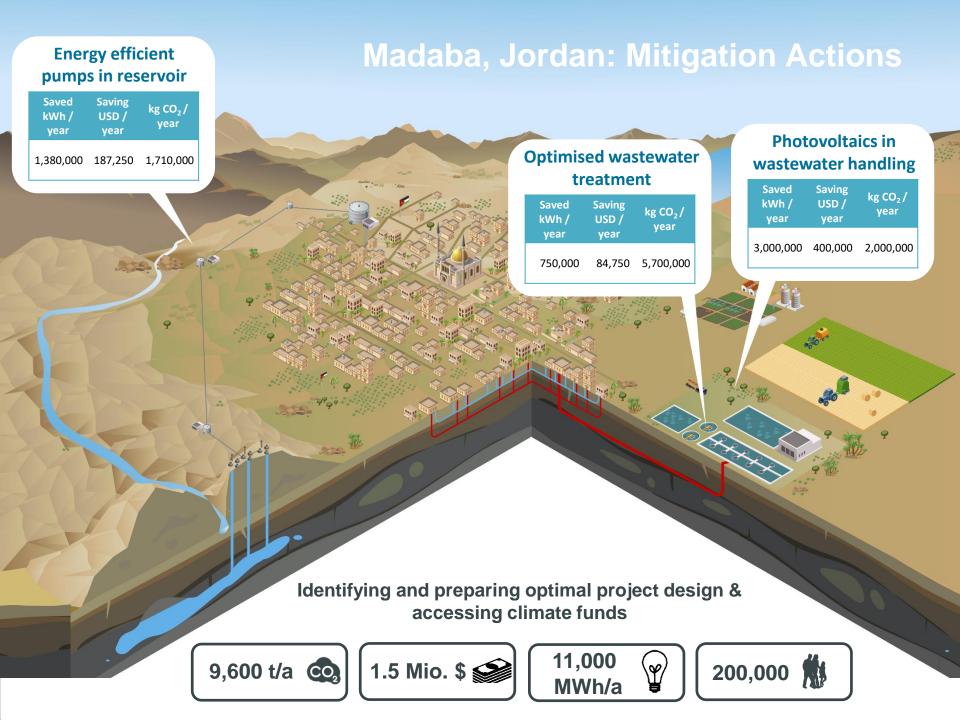
### Cusco, Peru: Wastewater a wealth of energy





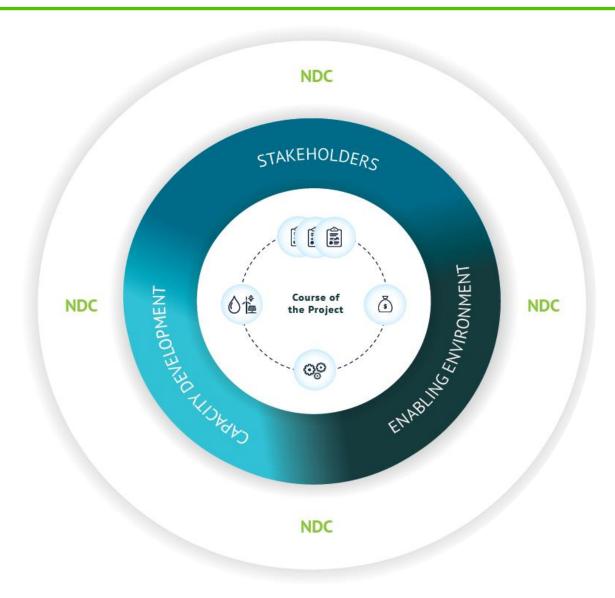
### Madaba, Jordan: Water reuse for irrigation of crops





# Next steps: Implementing NDCs and rethinking water







#### **Our Partners**

#### On behalf of:



Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety

of the Federal Republic of Germany

















Ministerio de Vivienda, Construcción y Saneamiento











Implemented by:







#### Thank you for your attention

## Please visit wacclim.org

