



of the Federal Republic of Germany

WaCCliM, accelerating action to decarbonize the water sector

The water sector is increasingly being impacted by climate change, it also contributes up to 10 percent of global carbon emissions from its energy consumption, as well as other greenhouse gases such as nitrous oxide and methane from wastewater systems.

WaCCliM (the Water and Wastewater Companies for Climate Change) is a project that defines a road map for water utilities and guides them towards energy and carbon neutrality.

Reducing operating expenditure

reduced energy bills and minimized vulnerability to fluctuating energy prices

Improving asset productivity

maximized performance of existing assets, efficient future assets

Benefiting society

resilient societies, healthy ecosystems, new business opportunities

Unlocking climate financing

water utilities are part of the solution to reduce carbon emissions

Seizing the Opportunities

10\$

\$10 trillion

In water infrastructure by 2030

10%

Up to 10%

Of total GHG emissions can be reduced

x3

Up to 3 times

more emissions from untreated sewage than from conventional wastewater treatment

... to adress Global Challenges by 2030

Climate

2°C

Cap on Temperature rise

Access

100%

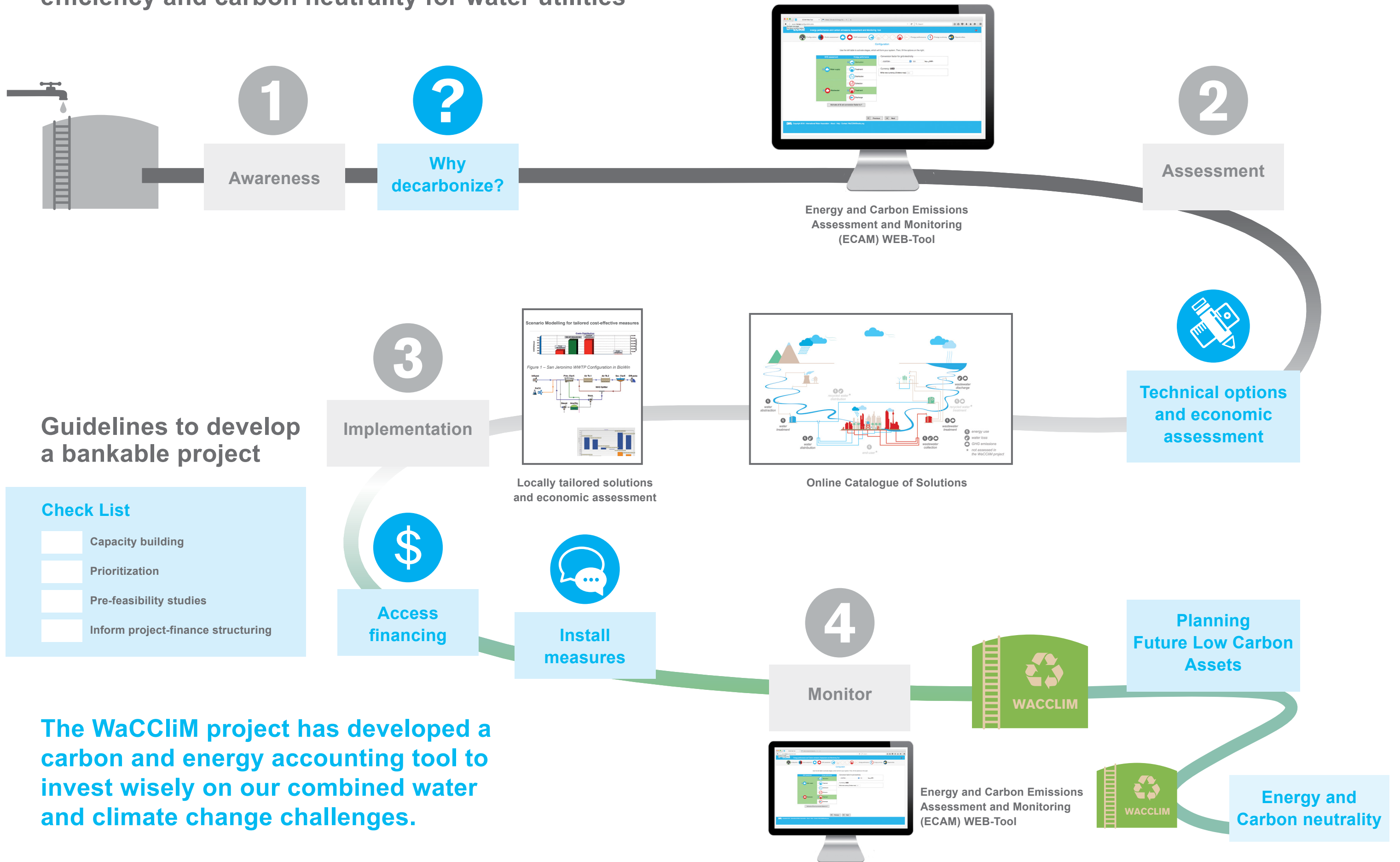
Safe drinking and adequate sanitation

Environment

50%

Reduction in untreated wastewater

The WaCCliM Roadmap: the pathway to energy efficiency and carbon neutrality for water utilities



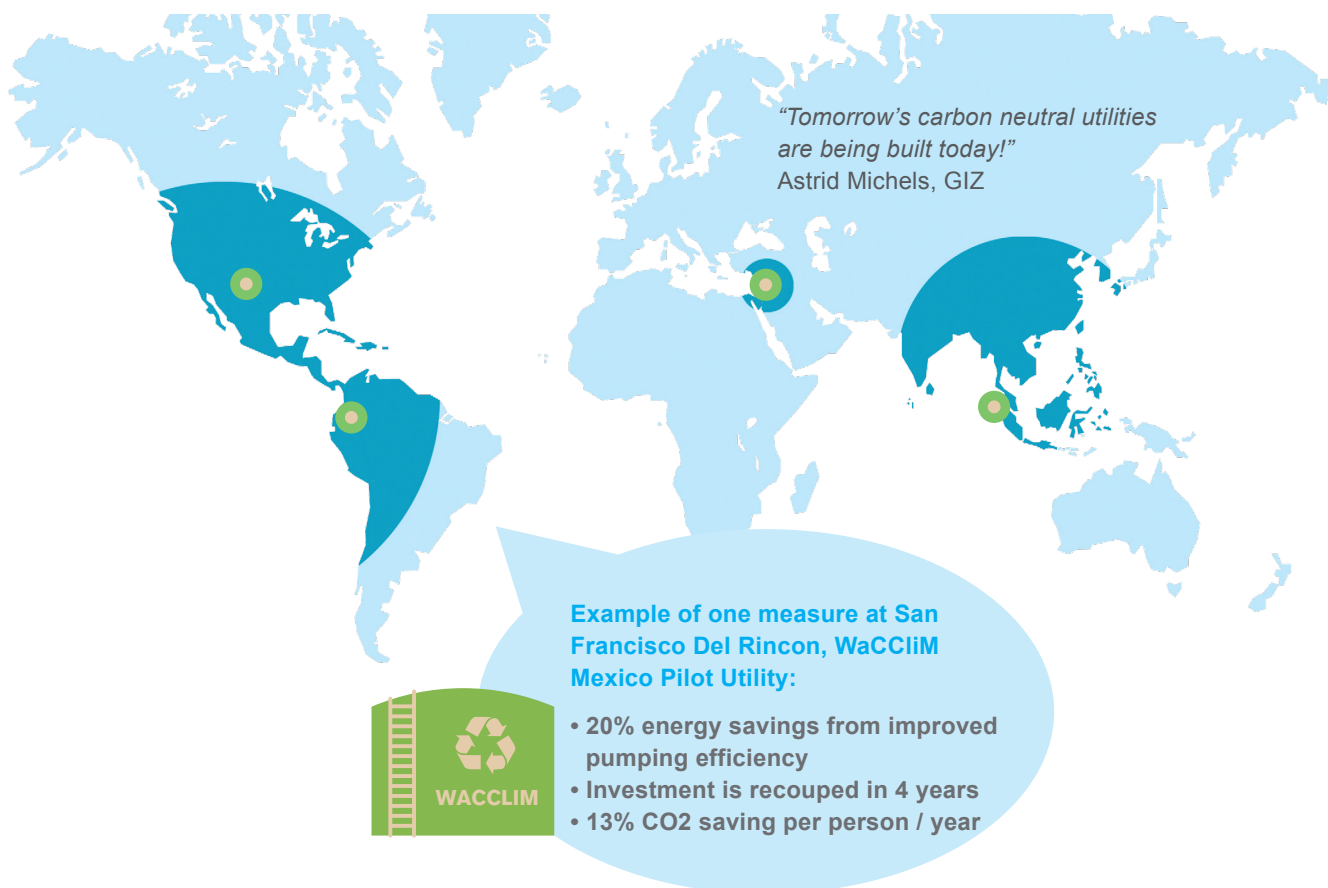
The WaCCliM project has developed a carbon and energy accounting tool to invest wisely on our combined water and climate change challenges.

WaCCliM: Pioneering GHG reductions in the water sector of emerging economies

WaCCliM has pilots in four countries that are pioneering solutions to achieve energy and carbon neutrality.

Low carbon, climate resilient urban water systems are part of the solution: Up to 30% CO₂e reduction potentials identified in WaCCliM pilots.

IT'S HAPPENING AROUND THE WORLD!



Join the WaCCliM Initiative!

- Invest in decarbonizing the Water Sector to meet Nationally Determined Contributions agreed in the COP21 Paris Agreement
- Empower utilities to become leaders for climate resilient, low-carbon cities.
- Strengthen policy and institutional frameworks for enabling Nationally Appropriate Mitigation Actions (NAMA)

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