

Water for Growth, People and Environment Mexico



Focus Areas

- Water resources planning and programming strengthening
- Public-private partnerships in the Agri-water sector
- Green infrastructure solutions for the water sector
- Water security risk integration in the private sector
- Urban water security

The Challenge

- About 77% of the population and 79% of GDP production in Mexico are located in areas that have only 32% of the country's water availability, an underlying challenge that has prompted the Mexican government to elevate sustainable water management to a national security concern.
- Water availability has dwindled from 18,035 m³/inhabitant/year in 1950 to 3,982 m³ in 2015. In total, 635 aquifers provide 37% of water for consumptive use, and 65% of urban and industrial water demand. Of these aquifers, 106 are severely overexploited.
- About 76% of water is used in agriculture, but inefficient water-use and competition between water users is generating important trade-offs and conflicts.
- Mexico is a predominantly an urban nation with 80% of its population inhabiting urban settlements (approximately 95 million urban dwellers), as such urban water security is an important priority.
- Damages from extreme hydro-meteorological events are rising (about \$69 billion in damages in the last decade), and as such climate change is adding greater uncertainty and risk to the water sector.

Results and Outcomes

Strengthening CONAGUA's planning and programming capabilities

- The 2030WRG supported CONAGUA to develop a capital investment prioritization system. The multi-criteria system designed helps

CONAGUA to screen and prioritize projects according to several socio-economic, environmental, institutional and political considerations.

Fostering public-private partnerships in the agricultural water sector

- In partnership with the Consejo Consultivo del Agua A.C. (CCA), CONAGUA, and a range of institutional and strategic investors, the 2030 WRG is assessing the prospects and challenges of PPP formation in the agri-water sector. The objective of the initiative is to develop feasibility analysis and business cases for selected pilot projects to then encourage stakeholders to structure the PPP projects. The Initiative will also produce policy recommendations to help develop a pathway for enabling PPPs in the agri-water sector.

Enabling green infrastructure solutions in the water sector

- The 2030 WRG in partnership with the CCA—and other NGOs— is looking at enabling green infrastructure solutions in the Mexican water sector by establishing a multi-stakeholder dialogue, identifying the main barriers and opportunities for

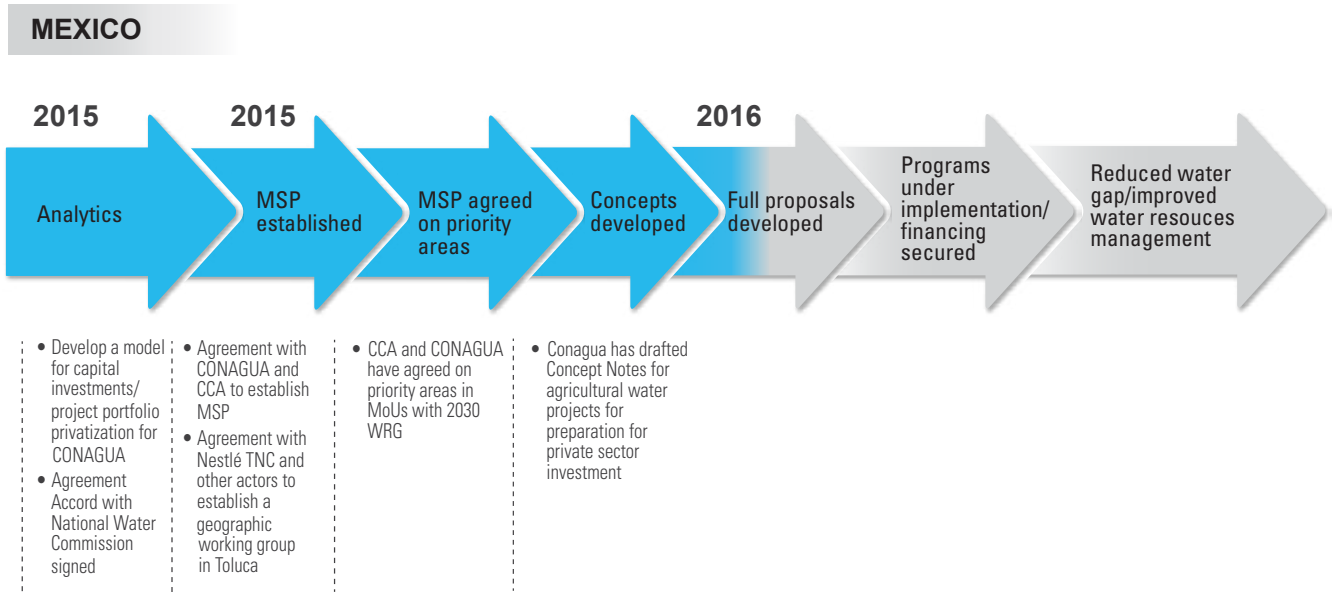
these solutions, and at developing feasibility studies and business cases for selected pilot projects. The Initiative will also produce some policy recommendations.

Supporting water security risk integration in the private sector

- In partnership with the CCA, the 2030WRG will support a multi-stakeholder dialogue to help business organizations to assess the main barriers and solutions to develop robust corporate water security risk management methodologies.

Supporting the pursuit of water security in the Toluca Greater Metropolitan Area

- In partnership with the Consejo Empresarial del Valle de Toluca A.C. (CEVAT), and the Nature Conservancy, the 2030 WRG is supporting the establishment of the groundwater management multi-stakeholder committee to encourage public-private cooperation and implement projects to address groundwater over-exploitation and water security issues.



Who We Are

The 2030 Water Resources Group is a unique public-private-civil society collaboration. We facilitate open, trust-based dialogue processes to drive action on water resources reform in water stressed countries in developing economies. The ultimate aim of such reforms and actions is to close the gap between water demand and supply by the year 2030.

Our Mission

If countries maintain a business-as-usual approach to managing water, we can expect a 40 percent gap between fresh water supply and demand by 2030. Our mission is to help countries achieve water security by facilitating collective action between government, private sector and the civil society.

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