

ARTICLE

MaximOS™
Chiapas, Mexico

Miox selected to install 175 on site generation systems in Chiapas, Mexico

MIOX® Corporation has been selected by the government of Chiapas, Mexico, to supply 175 water systems using MIOX disinfection technology. FEMSA Foundation, which supports the conservation and sustainable use of water resources in Mexico and Latin America, played an integral role by connecting Chiapas with a technology that would benefit many thousands of people in the state.

The on-site generation technology will be delivered to Chiapas in May 2010. Through sustainable management of water resources and access to potable water, the southernmost Mexican state will comply with the guidelines of the Millennium Development Goals (MDG), the result of a global partnership led by the United Nations to reduce extreme poverty, hunger and disease by 2015.

Governor Juan Sabines Guerrero was instrumental in selecting the on-site generation technology. "Investing in clean water," he said, "is investing in our people. The fundamental task is to provide drinking water to the people of Chiapas who need it most, especially the 28 municipalities with the lowest human

development index. Through the Millennium Development Goals, we are committed to eradicating or significantly reducing the poverty in our state over the next 5 years."

The equipment will be shipped in a "plug-and-play" configuration for simplified installation and start-up as point-of-use water systems. MIOX's clean technologies use only salt, water and electricity to generate a dilute disinfectant on-site. The operation of each of the 175 systems, which will be managed by trained state personnel and local residents, will require up to 50 kg of salt per month. The MIOX salt-based system can be sourced directly from the local town of Ixtapa, generating economic income for local residents.

The MIOX technology was chosen for its superior disinfection capabilities, taste and odor reduction, simple design, and easy start-up. Creating disinfectant on-site is safe, cost effective and environmentally responsible, cutting back transportation requirements, reducing carbon emissions and fuel consumption, and eliminating the storage losses and disposal of chemical containers. ■



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