

VIETNAM

August 2023



Nha Trang



Southern Vietnam



My Tho



Thu Dau Mot

The World Mosquito Program (previously Eliminate Dengue Program) began working in Vietnam in 2006, with oversight by the Ministry of Health.

The first small-scale pilot releases of *Wolbachia*-carrying mosquitoes were carried out on Tri Nguyen Island in 2013 and in 2018 in Vinh Luong, a community north of Nha Trang, the coastal capital of Khanh Hoa province.

Our teams continue to monitor the mosquito in the release sites to confirm the establishment of *Wolbachia*, along with dengue case data to ensure that the project provides a self-sustaining and long-lasting protection against dengue.

A release is also scheduled for two sites outside Ho Chi Minh City in Southern Vietnam; in My Tho City in Tien Giang Province and Thu Dau Mot City in Binh Duong Province.



2

project sites



size of the project
39 km²



280,000
people reached



4500

samples of public acceptance surveys

PUBLIC ACCEPTANCE

measured by survey

97.2% Tri Nguyen Island

97.0% Vinh Luong



111

volunteers who released mosquitoes



60

volunteers hosted BG traps

5
partners and supporters



MOSQUITO-BORNE DISEASE BURDEN IN VIETNAM

The first outbreak of dengue was recorded in Vietnam in 1963. Between 1998 and 2010 more than 1 million cases were reported.

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Mosquito-borne disease outbreaks place a lot of pressure on communities and local health systems in Vietnam. We already have a lot of support for our innovative solution and we're really excited to be working with local health authorities and the community to bring our *Wolbachia* method to Vinh Luong.

Nguyễn Bình Nguyễn
World Mosquito Program Project Field
Coordinator in Vietnam



First releases in Vinh Luong welcomed by community members

In March 2018, the World Mosquito Program began its first releases of *Wolbachia*-carrying mosquitoes in mainland Vietnam. The project is located in Vinh Luong, a community north of Nha Trang, the coastal capital of Khanh Hoa Province.

Truong Xuan Do is a 79-year-old retiree living in Vinh Luong. Beginning with his career in the military, Truong has many years' experience as a medical associate and has been a part of a medical profession that has been struggling with dengue fever for many years.

Truong has been affected personally by the harmful dengue virus, with three of his grandchildren suffering from dengue fever, involving expensive medical bills.

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Many (Vietnamese) people have limited knowledge about dengue risks, and don't pay attention to disease prevention measures. Thus, many people have acquired dengue. The disease is very dangerous and can be fatal. Patients with dengue often become very unwell, and family members have to accompany them to the hospital.

Truong says that he is very meticulous, following guidance provided by local health workers to ensure he is taking every possible precaution to minimise mosquito breeding sites in and around his home. Truong is a vocal supporter of the World Mosquito Program's *Wolbachia* method in his community, giving community members information about our work.

Partners and supporters



Further information:

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About us

The World Mosquito Program (WMP) is a not-for-profit group of companies owned by Monash University that works to protect the global community from mosquito-borne diseases. The World Mosquito Program uses naturally occurring bacteria called *Wolbachia* to reduce the ability of mosquitoes to transmit viruses to humans.

Following decades of research and successful field trial results, the World Mosquito Program is currently partnering with communities in 14 countries around the world to implement our ground-breaking

solution. We have staff working in countries across Oceania, Asia, Europe, and the Americas, and offices established in Australia, Vietnam, France and Panama.

Our approach has widespread support from communities, governments, research institutes and philanthropic partners around the world. Through collaboration and innovation, we are making a difference to millions of lives.

A collaboration between:



Contact us

