

# VIETNAM

June 2021



The World Mosquito Program (previously Eliminate Dengue) 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 are monitoring the mosquito population to confirm that the establishment of *Wolbachia* is self-sustaining over a long period in the release locations. We also monitor dengue case notifications before, during and after releases.

Plans are in place to expand the program to two additional cities further south in Binh Duong and Tien Giang province.



**2**  
project sites

size of the project  
**2.2 km<sup>2</sup>**

**16,784**  
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 is an international, not-for-profit initiative that works to protect the global community from mosquito-borne diseases including dengue, Zika, chikungunya and yellow fever.

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

Currently the World Mosquito Program works in 11 countries in Asia, the Pacific and the Americas. Our aim is to protect 50 million people over the next five years.

In addition to the Oceania Office in Melbourne, Australia, the World Mosquito Program has a regional Asian Hub in Ho Chi Minh City, Vietnam and plans for an Americas Hub in Panama City, Panama.

These hubs support projects in their respective regions and contribute to core global operations.

### Contact us

