



OXITEC

Friendly *Aedes aegypti* Project

Fighting the dengue, chikungunya and Zika mosquito to improve residents' lives

What is the Friendly *Aedes aegypti* project ?

The Mosquito Research and Control Unit (MRCU) and Oxitec are working in partnership to release the Friendly *Aedes aegypti* male mosquitoes to help fight the mosquito that transmits dengue, chikungunya and Zika.

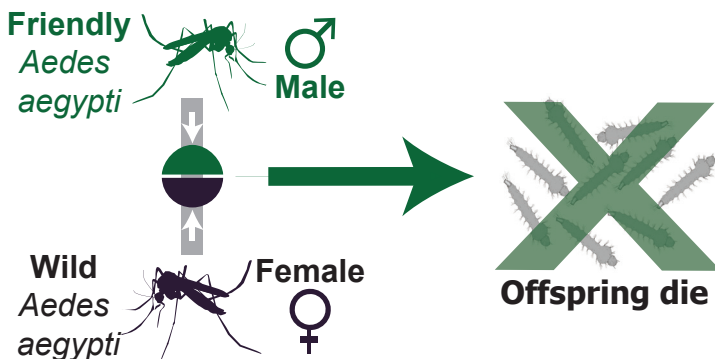


Why is this project important ?

The MRCU has been investing significant resources to fight the *Aedes aegypti* mosquito that transmits dengue, chikungunya and Zika. However, the currently available tools have proven insufficient to control this mosquito and stop diseases from spreading. The Friendly *Aedes aegypti* mosquito is an additional tool that can help control this mosquito and the spread of these diseases. But you need to continue with existing prevention measures - for example don't leave standing water that provides breeding sites for these mosquitoes.

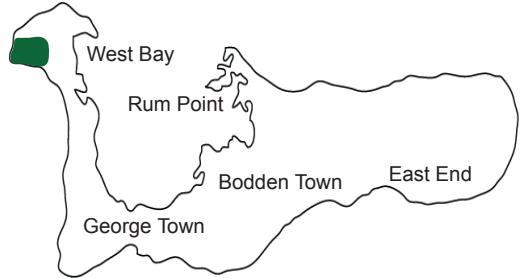
How does it work ?

The Friendly *Aedes aegypti* is a genetically modified male mosquito that cannot bite or transmit disease. When it mates with a local female *Aedes aegypti* mosquito, the offspring die before being able to reproduce. Hence with successive releases, the population of the dengue, chikungunya and Zika mosquito is reduced. This is a safe and environmentally friendly solution that aims to improve residents' lives.



Where will the Friendly *Aedes aegypti* be released ?

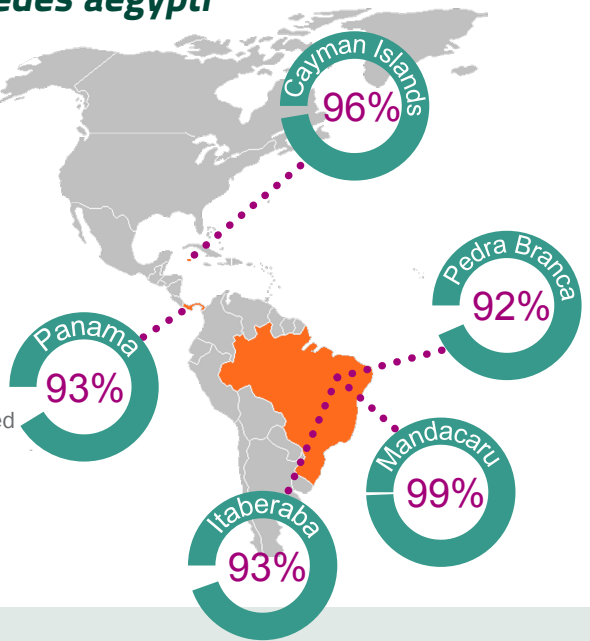
The Friendly *Aedes aegypti* mosquitoes will be released in an area of West Bay, initially 3 times per week. The mosquito population will be monitored with traps for the eggs and adults.



Where have Friendly *Aedes aegypti* been used before ?

The Friendly *Aedes aegypti* mosquitoes have already been successfully used in the Cayman Islands, three neighbourhoods in Brazil and in Panama.

Each area achieved a reduction in mosquitoes of more than 90%. Each project received all appropriate regulatory approvals. In Brazil the Friendly *Aedes aegypti* has also received national biosafety approval and further projects are under way there.



OXITEC



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