

Rentokil

The Experts in Protecting Public Health



Global Expertise

in Mosquito Surveillance and Control



Mosquitoes: the planet's most dangerous insect

Mosquitoes are the most annoying and dangerous pest. Their threat ranges from causing welts, itching, and minor infections to the transmission of many diseases that can cause serious illness or death.

During the COVID-19 crisis, residential mosquito control measures have stopped in many places due to lockdowns or diversion of resources. Mosquito management for businesses, however, has been deemed an essential service in most countries, so they've continued to maintain mosquito control measures to reduce populations and prevent the negative impact they can have on customers and staff.

Rentokil has unrivalled expertise and solutions that stem from tried-and-trusted processes and results-based work around the world to protect both businesses and homes from the threat of this insect pest.



Our mosquito expertise

At Rentokil, we believe in and promise to protect people and enhance lives, so guarding the health, property and environment are main priorities for us. Preventing harm from mosquitoes and other disease-carrying insects is one of our global commitments.

Rentokil has over 25 years' experience in nuisance mosquito and vector disease control, providing us with the ability to share our understanding of the risks mosquitoes pose in city, urban and rural areas.

We combine our knowledge of mosquito species, biology, development sites, and disease potentials with detailed inspection and monitoring information to develop a tailored, flexible solution for each mosquito-conducive circumstance – whether that's for a small residence or a large, national business.

"As a leading provider of mosquito control services worldwide, our Global Research and Development Centre's emphasis is to discover innovative, effective, and the safest choices available for mosquito control."

Teamed with our Vector Management Centre of Excellence, both focus on delivering mosquito management plans for residential, commercial, municipal, and governments while protecting our clients' health, property, and their environment.

Using our knowledge and expertise, our programs are based on sound mosquito management practices, providing clients with tailored options that can be adjusted when environmental conditions change that favor nuisance biting and disease carrying species of mosquitoes."



Gene White, MS, BCE,
Board Certified Entomologist,
Global Director of Vector Management



Safety is essential

Operational and application safety is always a priority. Our solutions are effective because we integrate innovation with established industry standards to maximise our control efforts while protecting health, property and the environment.

World-class expertise

Our Vector Management Centre of Excellence brings together experts from around the world to consolidate and share best practices, support innovation and develop new solutions. Our investment in research and development is unrivalled, combining our practical know-how with that of the specialists in our dedicated insect laboratory in our Global Research and Development Centre.

This is at the forefront of behavioural science and observational research, which gives us a solid foundation for the consistent delivery of new control and prevention methods for all our customers world-wide.

Digital technology for advancing mosquito control

We leverage the powers of big data analytics by combining qualitative and quantitative customer-based data from our digital platforms with information recorded by technicians and market insights. This industry-leading capability provides us with unique insights into pest control and allows us to optimise our solutions to the needs of our customers.

Collaboration

We partner and collaborate with some of the world's leading organisations in the management of mosquitoes and other disease vectors to shape and influence vector control solutions.

These organisations include the Smithsonian Institute, the Innovative Vector Control Consortium (IVCC), US Centers for Disease Control and Prevention (CDC) and the London School of Hygiene and Tropical Medicine.



How we control mosquitoes

Rentokil focuses on urban mosquito species, particularly the *Aedes* species. We train our technicians in identification, mosquito behaviour, monitoring and control, so that they use the most efficient and appropriate control methods for each situation.

1. Inspection/Survey

Rentokil's licensed and trained technicians initially survey a site to identify the most likely dwelling places for mosquitoes and potential breeding sites for larvae.

2. Monitoring/Surveillance

If required, trap devices are installed and inspected for both larvae and adult mosquitoes to monitor breeding sites.

5. Client Education

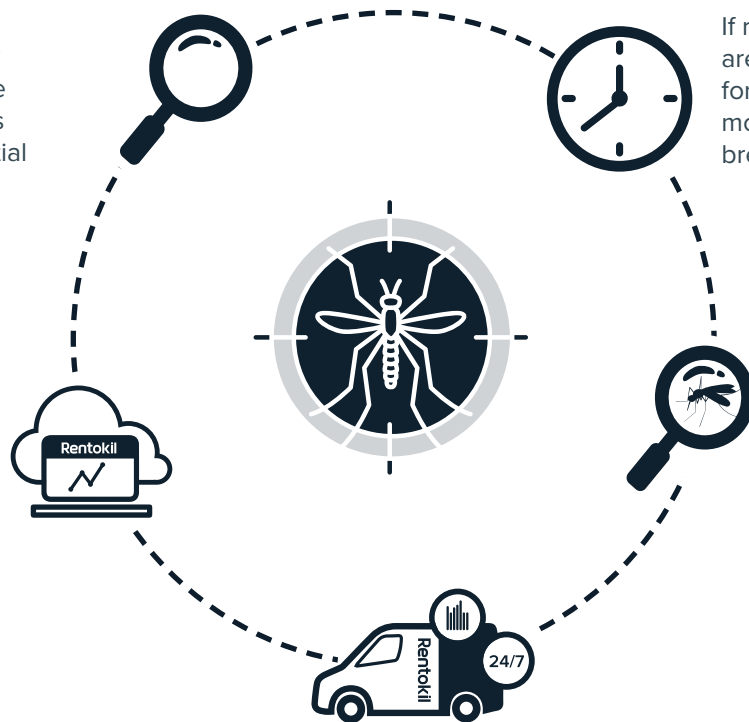
Rentokil specialists advise customers on what changes they can make around their property to prevent future infestations, such as reducing overgrown vegetation and removing standing water.


3. Identification

Known mosquito species are identified and a customised plan of action is recommended specific to those species.

4. Control

From our inspection, the four different development stages of mosquito – egg, larva, pupa and adult – are targeted with tools that range from trapping, larviciding and adult management techniques.





Rentokil's global capability in mosquito control

Rentokil's expertise in mosquito control stems from sound science, tried-and-trusted processes and results-based work around the world. In Asia, our technicians undertake large-scale mosquito control programmes and in the Caribbean and North America, proven techniques control infestations for residential customers and businesses such as hotels and resorts.



Asia

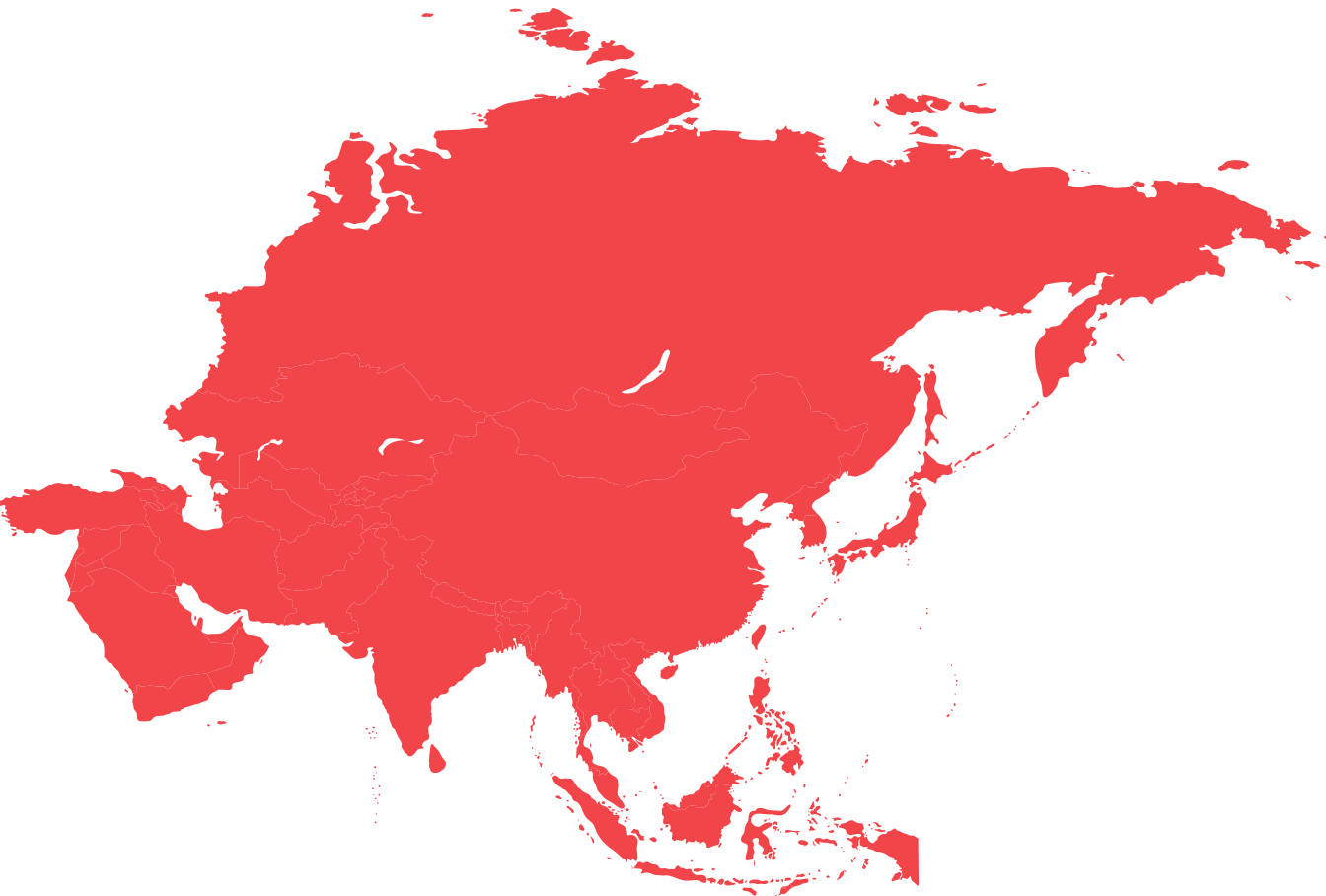
Rentokil has worked with local governments to support anti-dengue fever campaigns with *Aedes* mosquito control.

Lombok Island in Indonesia was shaken in August 2018 by four major earthquakes that resulted in over 350,000 people fleeing their homes. Our Rentokil technicians joined forces with other volunteers from the Indonesian Pest Control Companies Association to carry out thermal fogging and spraying around refugee camps to provide protection from mosquitoes and flies.



North America

In 2016, Rentokil began working with the US Centers for Disease Control in Puerto Rico to help control *Aedes* mosquitoes that can transmit Zika, dengue, West Nile virus and other diseases. With our sister companies Vector Disease Control International (VDCI) and Mosquito Control Services, Rentokil is now North America's number-one provider of mosquito control.





Latin America

Brazil has faced large outbreaks of dengue, Zika and chikungunya in recent years. Our sister company Multicontrol is leading our experienced team in vector control in the country. Our market leadership, technical capability and proven track record are cemented by our mosquito-control work for the Rio Olympics and the Rio Rock Festival. This places us in a strong position to help Brazilian municipalities, businesses and homeowners in their fight against mosquito-borne diseases.





The Experts in Protecting Public Health

Rentokil: your partner in mosquito control

During our 90-plus-year history, we have never stopped innovating. Our Vector Management Centre of Excellence brings together experts from around the world to consolidate and share best practices, support innovation and develop new services for commercial and public-sector organisations.

Our expertise, local, national and global knowledge of vector-borne disease control, technical capability, proven track record and our continuing investment in research and development makes us a strong ally in the fight against vector-borne diseases.

To tap into our capabilities and see what we could do for you, your business or your environment, visit:

www.rentokil.com