



One Team Networks Sdn Bhd

(889142-H)

Business Address :

No.23, Jalan Anggerik Mokara 31/51, Kota Kemuning Industrial Park,
40460 Shah Alam, Selangor, Malaysia.

Tel: +603-5525 2299, +603-5122 9677, Fax: +603-5122 9477

Email: info@onedream.com.my

Registered Address :

No.1-1B, Block 6 Jalan Pahat 15/H, Section 15
40200 Shah Alam, Selangor, Malaysia.

Tel: +603-5523 3020, Fax: +603-5523 2866

Bank details :

Maybank Islamic Bhd, Section 20, Shah Alam, Selangor, Malaysia

Account No.: 562272-603281 Swift Code: MBBEMYKL

About One Team

One Team is an innovative and sustainable Malaysian company, which transforms science into mosquito control products since 2013. We are a Quality Management System (QMS) ISO 9001:2015 certified company registered under the scope of manufacturing and supplying of mosquito control products. One Team recognized by Malaysia Productivity Corporation as Excellence Organization among 10 best organizations in the private sector at the Annual Productivity and Innovation Showcase (AriSe) 2021 Award Ceremony.



Cert #: 20076-Q15-001



We have dedicated substantial resources for research and development, resulting in a core range of products with global applications. Our products are based on green, eco-friendly, high-tech and science-based control principles, available for both the consumer market and for implementation in large-scale disease control campaigns.

One Team won the prestigious “Dengue Tech Challenge” in 2016, which is jointly organized and supported by the United Kingdom Newton-Ungku Omar Fund, the British Council, PlatCOM Ventures, SME Corp. Malaysia, and Agensi Inovasi Malaysia.



In 2021, One Team won the prestigious Organizational Excellence Award 2021 and Sales Growth Champion 2021 in Annual Productivity & Innovation Showcase (ArISe) 2021 which is organized by Malaysia Productivity Corporation (MPC).

In 2022, Malaysia Commercialization Year (MCY 2021) Summit, the Ministry of Science, Technology and Innovation of Malaysia (MOSTI) was pleased to announce One Team Networks Sdn Bhd and Aedestech Mosquito Home System® (AMHS®) as the Grand Prize Winner of the “Research & Business Partnership” Award. Our product was listed in the MCY Special Key Performance Index 2021.

Vision

To be recognized as the most highly efficient pest management team to bridge together high-technology, entomology knowledge and scientific developments across many disciplines provide new ways of controlling mosquitoes for eradicating mosquito-borne diseases.

Mission

Our mission is to protect people and enhance lives through our R&D experts. To satisfy & delight all customers through our proven effective techniques, efficient supports, on time services & best practice consultations.

We aspire to deliver high-quality mosquito control products to the market that significantly exceed existing products in terms of cost, efficiency, durability, environmental safety, and user friendliness.

Objective

To build premium branding in any pest management market where we operate & compete. To achieve the most eco-friendly, best greenest technique & technology of pest management with optimum cost in line with long term business objectives.

Our primary focus is on developing innovative & creative mosquito control systems that can be used to combat Dengue.

Strategies

One Team uses its scientific expertise to translate research findings into novel and sustainable mosquito control products and processes. Build customer insight via product briefing & presentation, focus group forum, exhibition, showcase & quality assurance visit.

Research & Development

2013

- ❖ Developed the prototype of Aedestech Mosquito Home System. AMHS® validated and proven effective against *Aedes* Mosquito by **Vector Control Research Unit (VCRU), Universiti Sains Malaysia**.

2014

- ❖ Developed a mini aerosol mosquito killer X'mos®, MozOne® & Q-Spray.
- ❖ Collaborated with **Medical Entomology Unit of Institute for Medical Research (IMR), Malaysia** (the Unit has been designated as the WHO Collaborating Centre for Ecology, Taxonomy & Control of Vectors of Malaria, Filariasis and Dengue since 1985). AMHS was proven as an effective dengue transmission intervention in High-rise gated & guarded residential buildings.



2017

- ❖ Collaborated with **University of Strathclyde of the United Kingdom** (Principal Research Partner), and Institute for Medical Research (Associate Research Partner), under the Dengue Tech Challenge project. AMHS® was deployed at the Dengue Hotspot area near Section 15, Shah Alam, Selangor. The objective is to model the effect of AMHS® on the spread of Dengue in commercial shop-apartment settings.

2018

- ❖ Collaborated with **School of Informatics and Applied Mathematics, Universiti Malaysia Terengganu (UMT)** to develop a mobile application (Aedestech mobile App) for managing and analyzing data from AMHS®. The objective is to combine between mobile and cloud applications computing, allowing data to be shared and analyzed quickly and effectively. Automatically generated systematic, user-friendly big data analysis and real time reports allows tracking of the AMHS, Ovitraps & *Aedes* Mosquitoes activity. Thus, smart applications using the Internet of Things and mobile applications can communicate and cooperate with each other and with humans in real time.
- ❖ Collaborated with **Faculty of Medicine and Health Sciences, Universiti Putra Malaysia (UPM)** to evaluate effectiveness of mosquito auto-dissemination trap “AMHS®” for the control of dengue and thus interrupt Dengue transmission in student hostel of a multi-level building near Serdang, Selangor, Malaysia.
- ❖ Collaborated with **Tropical Infectious Diseases Research & Education Centre, Universiti Malaya, Malaysia** for “Knowledge transfer on vectors of disease agent to school community in Malaysia” program.
- ❖ Signed Bilateral Non-Disclosure Agreement with **Bigsoft International Sdn Bhd, Universiti Teknikal Malaysia Melaka** and **Universiti Malaysia Terengganu (UMT)** with intent to collaborate in developing an auto-detection device using Internet of things (IoT) technology.

- ❖ Collaborated with **Faculty of Health Sciences, Universiti Kebangsaan Malaysia (UKM)**, to evaluate effectiveness of mosquito auto-dissemination trap “AMHS®” for the control of dengue and thus interrupt Dengue transmission in terrace-linked houses in Dengue Hotspot area near Bangi, Selangor, Malaysia.



- ❖ Collaborated with **Unit Entomology & Pest, State of Health Department of Kedah, Malaysia** to evaluate effectiveness of mosquito auto-dissemination trap “AMHS®” for the control of dengue and thus interrupt Dengue transmission in terrace-linked houses in Dengue Hotspot area near Taman Ria Jaya, Sungai Petani, Kedah, Malaysia.



- ❖ Collaborated with **School of Biological Sciences, Universiti Sains Malaysia (USM)** to test the efficacy of mosquito auto-dissemination traps “AMHS®” for the control of dengue and thus interrupt Dengue transmission in Penang.



- ❖ Collaborated with **State Health Office, Pulau Pinang, Malaysia** to evaluate effectiveness of mosquito auto-dissemination trap “AMHS®” for the control of dengue and thus interrupt Dengue transmission in multi-level apartment (Permata Apartment) in Dengue Hotspot area near Seberang Perai Tengah, Pulau Pinang.



- ❖ Signed Bilateral Non-Disclosure Agreement with **SIRIM Malaysia** with intent to undertake discussion on Dengue Innovation.

2019

- ❖ Sponsored & Collaborated with **Department of Disease Control, Ministry of Public Health Thailand** to study on the AMHS® for control and evaluation of Dengue Hemorrhagic.



- ❖ Signed Memorandum of Understanding (MoU) with **University of Strathclyde of the United Kingdom** to have a mutual interest in establishing closer working relationships in respect of research, education, continuing professional development, policy and practice in the broad area of mathematical modeling, image analysis and app development applied to disease control.
- ❖ Signed Bilateral Non-Disclosure Agreement with **Universiti Kuala Lumpur Malaysia (UniKL), Universiti Sultan Zainal Abidin Malaysia (UniSZA) and Universiti Malaysia Terengganu (UMT)** to identify the best solution for the development of intelligent mosquito's home system (i-MHS) using Internet of Things (IoT) Technology.
- ❖ Sponsored & Collaborated with **Vector Biology and Control Division, Ministry of Health and Quality of Life, Mauritius** to evaluate the attractiveness of the proposed trap; AMHS® *Aedes Albopictus* within the local set-up in Pointe des Lascars, a village of 30 hectare in Mauritius.

2020

- ❖ Signed Memorandum of Agreement (MoA) with **Institut Pertanian Bogor (IPB University) Indonesia, Universiti Sultan Zainal Abidin Malaysia (UniSZA) and Universiti Malaysia Terengganu (UMT)** to study the effectiveness/efficacy of AMHS® and to run/tested a new mobile app call Aedestech Apps (ATA) in the real field in Ternate City, Indonesia.



- ❖ Signed Memorandum of Understanding (MoU) with **School of Biological Sciences, Universiti Sains Malaysia (USM)** to have a mutual interest in the collaboration to promote, establish and develop the research, education and training programs that will mutually benefit both Parties.

2021

- ❖ Signed Memorandum of Agreement (MoA) with **Faculty of Science and Marine Environment, Universiti Malaysia Terengganu** to enhance the antimicrobial properties of water-based sanitizer X'bacafu using combinations of different active ingredients with proposed application in automated disinfection systems. It granted Public-Private Research Network (PPRN@UMT) funding for this project.



2022

Signed Memorandum of Understanding (MoU) with **Universiti Putra Malaysia (UPM), Universiti Sains Malaysia (USM), Universiti Malaysia Terengganu (UMT), Universiti Kuala Lumpur Malaysia (UniKL), International Medical University Malaysia (IMU) & DrMos Healthcare** to have a mutual interest in the collaboration to strengthen, promote and develop research co-operation known as “Integrasi Kawalan Aedes”.

Award, Sponsorship & Others

2016

- ❖ Won the prestigious **Dengue Tech Challenge 2016**, which is jointly organized and supported by the United Kingdom Newton-Ungku Omar Fund, the British Council, PlatCOM Ventures Sdn Bhd, SME Corp. Malaysia, and Agensi Inovasi Malaysia. The only winner under the category for Prevention - Vector Control.



2017

- ❖ Recognized as an honored recipient of the **High Impact Programme 2 (HIP2)** company. HIP2 - Technology Commercialization Platform (TCP) under one of the High Impact Programmers of SME Masterplan 2012 - 2020 is a strategic partnership between SME Corporation Malaysia (SME Corp) and Agensi Inovasi Malaysia (AIM).

2018

- ❖ Member of the Smart IoT Roundtable 2018 discussion & Melaka Smart City Challenge 2018 organized by the state government of Melaka in collaboration with Universiti Teknikal Malaysia, Melaka.
- ❖ The invention of “AutoCountME: Auto-Counting Mosquito Eggs” led by Dr. Wan Nural Jawahir won the prestigious special grand award in Minggu Penyelidikan dan Inovasi (MPI) 2018, which is jointly organized by Universiti Malaysia Terengganu, Universiti Sultan Zainal Abidin dan TATI University College.

2019

- ❖ The invention of “Aedesapps: Aedes Eggs Auto-Counting Mobile Apps” led by Associate Prof. Dr. Mustafa Man on the prestigious gold award in Minggu Penyelidikan dan Inovasi (MPI) 2019, which is jointly organized by Universiti Malaysia Terengganu (UMT), Universiti Sultan Zainal Abidin dan TATI University College (TATIUC).
- ❖ The invention of “i-MHS: Intelligent Mosquito Home System” led by Dr. Wan Aezwani won the prestigious gold award in Minggu Penyelidikan dan Inovasi (MPI) 2019, which is jointly organized by Universiti Malaysia Terengganu (UMT), Universiti Sultan Zainal Abidin dan TATI University College (TATIUC).
- ❖ Participating in **SIRIM-Fraunhofer Programme** for a technology assessment and audit to evaluate the technological readiness of products and devices of One Team Networks Sdn Bhd. Granted **SIRIM Industrial Innovation Model Fund** from SIRIM Industrial Research Centre under SIRIM-Fraunhofer program. Development of Mosquito Home AQ automated process and tracking.
- ❖ OTN was shortlisted to join the **Leaders in Innovation Accelerator Program** organized by Malaysian Industry-government Group for High Technology (MIGHT), Newton-Ungku Omar Fund, Royal Academy of Engineering and Oxentia Development of the United Kingdom. The program aims to empower Malaysian entrepreneurs to secure investment and accelerate international business growth.



- ❖ The invention of “i-MHS: Intelligent Mosquito Home System” led by Dr. Wan Aezwani Bt. Wan Abu Bakar won the prestigious gold award in International Invention, Innovation & Technology Exhibition (ITEX) 2019, which is organized by Malaysian Invention and Design Society.

- ❖ The invention of “Aedesapps: Aedes Eggs Auto-Counting Mobile Apps” led by Associate Prof. Dr. Mustafa Man & Dr. Wan Nural Jawahir won the prestigious silver award in International Invention, Innovation & Technology Exhibition (ITEX) 2019, which is organized by Malaysian Invention and Design Society.
- ❖ Sponsored & Collaborated with **Universiti Putra Malaysia (UPM)** and **Universiti Malaysia Terengganu (UMT)** organized a short video competition (National Dengue Video Competition 2019) for the development of an Augmented Reality “Video on Paper” application.



2020

- ❖ **Industry4WRD** grant offered by **Malaysia Productivity Corporation (MPC)** for the Intervention Program. This aims to enhance the collaborative solution system, data integration, cloud computing, connectivity and cybersecurity onto the existing production line & machine - Mosquito Home AQ automated process and tracking.
- ❖ Sponsored **Famelab 2020 National Final, Malaysia**. FameLab is one of the biggest science communication competitions in the world. FameLab is an international competition to find and support the world's most talented new science communicators. FameLab is the longest running science communication competition in the world with global alumni of over 10,000 science communicators. Famelab 2020 Malaysia is organized by **British Council** and collaborates with the Malaysian Industry-Government Group for High Technology (**MIGHT**) to deliver FameLab in Malaysia.



2021

- ❖ **Pilot SIRIM Frugal Innovation program**. Frugal Innovation is an approach to design fit-for-purpose products or services targeting cost-sensitive customer groups. OTN with the title of Frugal Innovation project idea “**Mosquito Control via IoT**” selected by SIRIM to embark on the Frugal Innovation journey in realizing frugal product ideas into ideation.

- ❖ One Team among 100 companies across various sectors selected by **Malaysian Investment Development Authority (MIDA)** take part in the **Artificial Intelligence for Small and Medium Enterprises (AI4S) program**, main objective was to increase the number of AI use cases and demonstrate the capability of AI and its potential returns to companies and various entities in the Malaysian economy. AI4S is the collaboration MIDA with Intel Malaysia, Axiomtek and Malaysia Productivity Corporation (MPC).



- ❖ In collaboration with **Universiti Putra Malaysia (UPM)** and **Universiti Malaysia Terengganu (UMT)** organized a short video competition “National CoVid 19 & Urban Well-being Video Competition” with the objective to encourage community engagement and knowledge transfer on Covid 19 Awareness. This program is sponsored by **Selangor state EXCO for Entrepreneurial Development, Housing and Urban Well-being**. Health Education Division, Ministry of Health Malaysia, Watsons Malaysia and Malaysia Crime Prevention Foundation as strategy partners.



❖ World Expo 2020

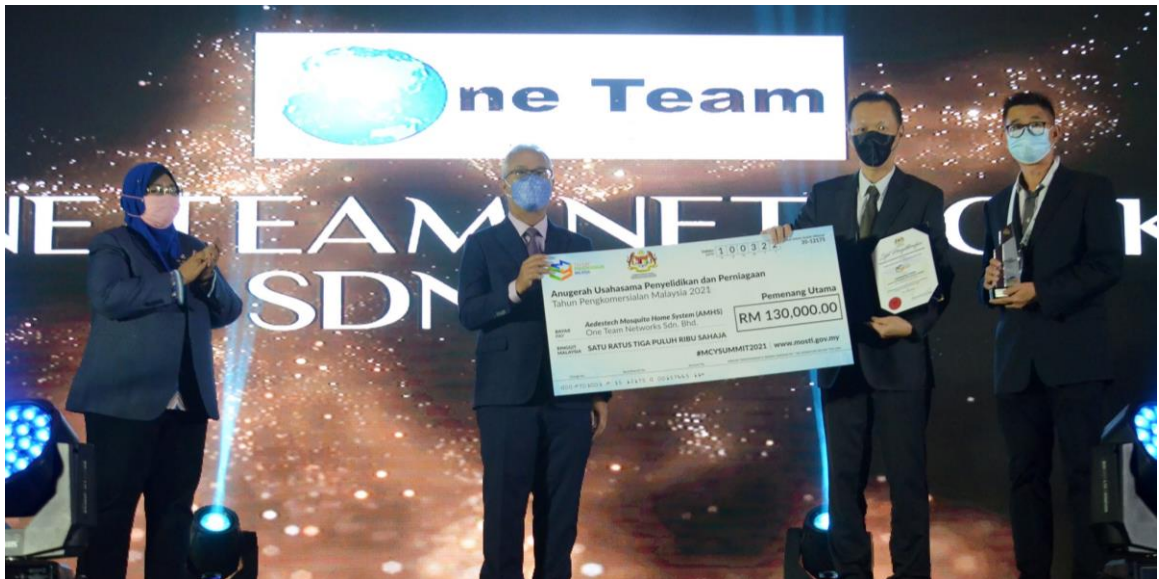
World Expo is one of the oldest and largest international events on the planet. OTN was one the Malaysian companies selected by Malaysian Green Technology & Climate Change Centre under Ministry of Environment and Water Malaysia (KASA) to participate in Expo 2020 at Dubai, UAE.

- ❖ Won the prestigious **Organizational Excellence Award 2021** and **Sales Growth Champion 2021** in Annual Productivity & Innovation Showcase (ArISe) 2021 which is organized by Malaysia Productivity Corporation (MPC).



2022

- ❖ In 2022, **Malaysia Commercialization Year (MCY 2021)** Summit, the Ministry of Science, Technology and Innovation of Malaysia was pleased to announce One Team Networks Sdn Bhd and AMHS® as the **Grand Prize Winner of the “Research & Business Partnership” Award**. Our product was listed in the MCY Special Key Performance Index 2021.



- ❖ AMHS® selected by the Economic Planning Unit, Prime Minister's Department of Malaysia (EPU, JPM) together with the United Nations Development Programme (UNDP) as one of the homegrown Malaysian Innovations. Malaysia Innovates 2022 is the very first edition of Malaysia Innovates report features twenty-four (24) innovation projects developed by local innovators from diverse backgrounds and fields.



"Saya bukan menjual produk, saya menawarkan penyelesaian." Inilah pendekatan yang diambil oleh Encik Lim Chee Hwa, Pengurus Ususan One Team Networks Sdn Bhd bagi memerangi wabak denggi di Malaysia dan di sebahagian negara-negara tropika. Kira-kira 10 tahun lalu, Encik Lim bertemu dengan seorang lepasan graduan yang menyatakan idea bermas yang mampu membanding pembiakan nyamuk Aedes. Encik Lim berganding bahu dengan graduan tersebut kerana beliau percaya idea berkenaan berpotensi untuk diterjemahkan kepada produk demi manfaat rakyat. Namun dalam tempoh lima tahun selepas projek bermula, jualan produk tersebut masih hambar dan rakan kongsinya terpaksa mengundur diri. Walaupun menghadapi situasi

yang begitu mencabar, Encik Lim tetap tidak berputus asa.

"Matlamat saya adalah untuk mencipta sesuatu yang mengagumkan dan bermanfaat kepada masyarakat umum."

Beliau sentiasa memikirkan kaedah untuk mengatasi masalah kesihatan berpunca daripada nyamuk yang dihadapi oleh rakyat. Maka, beliau tekad untuk memperkenalkan Aedestech yang mempunyai tiga objektif utama, iaitu untuk mengurangkan populasi nyamuk Aedes, mengurangkan kes denggi serta digunakan sebagai alat pengawasan dan pemantauan. Aedestech berjaya mengurangkan 75% kes denggi dalam tempoh sepuluh tahun kebelakang.

Corporate social responsibility (CSR)

The AMHS® Corporate social responsibility (CSR) program is a company's commitment to the school community with the aim of health and well-being of the school community.

2014

- ❖ Sponsored **Sekolah Jenis Kebangsaan (C) Hin Hua, Klang, Selangor** with “AMHS®” of Aedes mosquito control program for ONE (1) year.



- ❖ Sponsored **Sekolah Jenis Kebangsaan (C) Pandamaran B, Klang, Selangor** with “AMHS®” of Aedes mosquito control program for ONE (1) year.

2017

- ❖ Sponsored **Sekolah Jenis Kebangsaan (C) Chee Wen, Subang Jaya, Selangor** with “AMHS®” of Aedes mosquito control program for THREE (3) years.



2018

- ❖ Sponsored **Sekolah Jenis Kebangsaan (C) Pandamaran B, Klang, Selangor** with “AMHS®” of Aedes mosquito control program for ONE (1) year.

2020

- ❖ Sponsored **Sekolah Jenis Kebangsaan (C) Kerling, Selangor** with “AMHS®” of Aedes mosquito control program for ONE (1) year.
- ❖ Sponsored **Sekolah Jenis Kebangsaan (C) Kalumpang, Selangor** with “AMHS®” of Aedes mosquito control program for ONE (1) year.



- ❖ Sponsored **Sekolah Jenis Kebangsaan (Cina) Pay Fong 3, Kampung Bukit China, Melaka** with “AMHS®” of Aedes mosquito control program for Six (6) months.
- ❖ Sponsored **Sekolah Jenis Kebangsaan (Cina) Bukit Beruang, Melaka** with “AMHS®” of Aedes mosquito control program for Six (6) months.

2021

- ❖ Sponsored **Sekolah Jenis Kebangsaan (Cina) Rasa, Selangor** with “AMHS®” of Aedes mosquito control program for ONE (1) year.

Our Product

We focus on development of Mosquito control products for Vector Control, Residential, Commercial and Industrial sectors. Our flagship product - **Aedestech Mosquito Home System (AMHS®)**, an ideal solution for *Aedes* Mosquito Control.



The award winning & world's 1st fully integrated Total Control System for *Aedes* Mosquito specifically designed to eradicate *Aedes* Mosquitoes, the carriers of the dangerous and potentially deadly Dengue, Zika, Chikungunya Virus. AMHS® which consist of devices designed to attract *Aedes* mosquitoes and target container-breeding mosquitoes by providing an attractive water source for gravid females seeking ovipositing sites. Females attracted to the device are killed and reproduction is eliminated. The objective of the AMHS® is by using the "Lure & Kill Technology" to control & eliminate mosquitoes during all development stages of *Aedes*, be it as eggs, larvae, pupae or adults, and thus to reduce the overall mosquito population.

Product registration information: Registered in Malaysia, Singapore & Taiwan.



X'MOS® mini aerosol mosquito killer

A new generation, fast acting, non-staining, odorless mosquito killer.

X'MOS® is environmentally friendly & proven to have long lasting effectiveness against all kinds of mosquitoes. Safer and more effective than conventional aerosol mosquito repellent. It is a highly active insecticide for mosquito control with extremely high knockdown activity against all kinds of mosquitoes. With just 4 pushes targeted at room corners, the nano-molecules will spread throughout the room and may even reach inaccessible areas. The nano and slow-release technologies will kill or repel mosquitoes for up to 8 hours.

Product registration information: Registered in Malaysia, Singapore & Taiwan.



X'bacafu[®] anti-microbial, alcohol-free water-based formulation. Blocking the growth of fungi, bacteria and algae lasts for a long time. **X'bacafu's** active ingredient has been confirmed to be effective against 397 bacteria including all 57 bacteria existing in houses, and the spectrum is one of the best in the world.

X'bacafu[®] does not destroy the nucleus of a microorganism but it only breaks the outside membrane of these cells of a microorganism and blocks the composition of protein, DNA. As those microorganisms of which composition is blocked, will go extinct due to lack of nutrition required for its growth. Japan Food Research Laboratories certified that **X'bacafu's** active ingredient is safe to use, harmless to skin & eyes. It has medical benefits, but it is not a medicine. It has the ability to suppress the microbial; it does not guarantee the prevention of infection.

Keep germs away from your reusable face masks, hands and your surroundings with Antimicrobial Multi-Functional Protection Spray. Formulated with Vitamin E to nourish your skin while also protecting you and your loved ones from germs, viruses and bacteria!

Kills 99.9% germs in 5 seconds (Proven by Laboratory Test).

Mask Disinfecting Property of Antimicrobial Multi-Functional Protection Spray exhibited inhibition against the tested bacterial strains, which can be found on human skin. (Tested by Faculty of Science & Marine Environment, Universiti Malaysia Terengganu).



**LANGKAWI UNESCO GLOBAL GEOPARK
(LUGGp)**

Recognizes

**MC GEMILANG NATURAL WATER SDN. BHD.
(LWI BLUE HAND SANITIZER)**

As

GEOPARK PRODUCT

With Best Wishes,



&

Ybhg Tun Dr. Mahathir Bin Mohamad

The World's First UNESCO Global Geopark Certified
Natural Mineral Water Formulated Hand Sanitiser.


.....
(NASARUDDIN BIN ABDUL MUTTALIB)
Chief Executive Officer
Langkawi Development Authority

In 2022, new co-brand hand sanitizer "LWI Blue" has been certified by Langkawi UNESCO Global Geopark as The World 1st UNESCO Global Geopark natural mineral water formulated hand sanitizer. The certification also received a blessing from Tun Mahathir bin Mohamad, former Prime Minister of Malaysia.

Our People

One Team consists of expert scientists, entomologist, pest applicator license (PAL) holder microbiologist, virologist, technologist and entrepreneurs, who have the passion and drive to conduct meaningful research and invent pest control products that can have a substantial positive impact on human health.

Management

Lim Chee Hwa, Managing Director

Ong Kok Keong, Director

Juliyana Mardi, Customer Services Officer

Sarina Mahadi, Admin Executive

Medical Entomology Advisor

Dr. Lee Yean Wang, Chief R&D Scientist

Technical Team

Rahmat Shah Shamsuddin, Pest Management Advisor

Nur Atira Shazwin Shamsuddin, Entomologist

Hazwan Hazari, Microbiologist

Fadhil Faudzi, Sales & Field Biologist

Sales & Marketing

Harry Cheah (Malaysia)

Emily Tay, Sales Advisor (International)

Terence Tan, Sales Advisor (International)

R&D

Advisor (Entomology)

1. Dr. Lee Han Lim

Formerly Head, Medical Entomology Unit,
Institute for Medical Research, Malaysia.

Associate Partner (Malaysia) of Dengue Tech Challenge

Field Trial & Testing (Entomology)

1. Dr. Nazni Wasi Ahmad

Research Officer, Medical Entomology Unit,
Institute for Medical Research, Malaysia.

Associate Partner (Malaysia) of Dengue Tech Challenge

2. Assoc. Prof. Dr. Wan Fatma Zuharah Wan Musthapa

Entomologist, Entomology & Parasitology, School of Biological Sciences,
Universiti Sains Malaysia (USM), Malaysia.

3. Prof. Dr. Zairi Jaal

Professor, Entomology & Parasitology, School of Biological Sciences, USM

4. Dr. Intan Haslina Ishak

Entomologist, Entomology & Parasitology, School of Biological Sciences, USM

5. Dr. Hadura Abu Hasan

Entomologist, Entomology & Parasitology, School of Biological Sciences, USM

6. Noor Adila Mohamad

Research Associate, Entomology & Parasitology, School of Biological Sciences,
Universiti Sains Malaysia (USM), Malaysia.

7. Fatin Nabila Abdullah

Research Associate, Entomology & Parasitology, School of Biological Sciences,
Universiti Sains Malaysia (USM), Malaysia.

8. Prof. Dr. Latifah Saiful Yazan

Faculty of Medicine & Health Sciences, Universiti Putra Malaysia (UPM), Malaysia.

9. Prof. Dr. Hidayatulfathi Othman

Professor, Medical Entomology & Parasitology, Faculty of Health Sciences, National University of Malaysia (UKM), Malaysia.

10. Dr. Ahmad Mohiddin

Entomologist, Ministry of Health Malaysia, Vector Borne Disease. Research Associate of Dengue Tech Challenge Project.

11. Dr. Nur Aida Hashim

Entomologist, University Malaysia Terengganu.

12. Prof. Upik Kesumawati Hadi

Professor, Division of Parasitology and Medical Entomology
Department of Animal Infectious Diseases and Veterinary Public Health
Faculty of Veterinary Medicine, Institut Pertanian Bogor (IPB)
Bogor Agricultural University, Indonesia

13. Dr. Susi Soviana

Entomologist, Institut Pertanian Bogor (IPB), Indonesia

14. Sumiati Tomia

Research Assistant, Institut Pertanian Bogor (IPB), Indonesia

15. Dr. Diana Iyaloo

Scientific Officer, Vector Biology and Control Division
Ministry of Health and Quality of Life, Mauritius

16. Boonserm Aamaung

Entomologist, Dept. of Disease Control
Ministry of Public Health, Thailand

Field Trial & Testing (Anti-microbial)

1. Assoc. Prof. Dr. Kesaven A/L Bhubalan

Microbiologist, School of Marine and Environmental Sciences, Universiti Malaysia Terengganu

2. Dr. Suzana Misbah

Virologist, School of Marine and Environmental Sciences, Universiti Malaysia Terengganu

Mathematics Modelling

1. Prof. David Greenhalgh

Professor, Dept. Maths & Statistics, University of Strathclyde, Glasgow, United Kingdom. Principal Partner (UK) of Dengue Tech Challenge

2. Dr. Yanfeng Liang

Research Associate, Dept. Maths & Statistics, University of Strathclyde, Glasgow, United Kingdom. Principal Partner (UK) of Dengue Tech Challenge

3. Prof. Eduardo Massad

Professor of Medical Informatics, Department of Pathology, School of Medicine, University of Sao Paulo, Brazil
Research partner of Dr David Greenhalgh

Mobile Application

1. Assoc. Prof. Ts. Dr. Mustafa Man

Apps Developer (Database, Image Processing, Augmented Reality)
Universiti Malaysia Terengganu

2. Dr. Mohd Kamir Yusof

Co-Apps Developer

(Database, Data Integration, Augmented Reality, Mobile Application)

Universiti Sultan Zainal Abidin Terengganu, Malaysia.

3. Dr. Wan Nural Jawahir Wan Yussof

Co-Apps Developer (Image Processing), Universiti Malaysia Terengganu

4. Dr. Wan Aezwani Wan Abu Bakar

Co-Apps Developer (Data Mining),

Universiti Sultan Zainal Abidin Terengganu, Malaysia.

5. Dr. Bazilah Bt. A Talip

Information Systems Department, Malaysian Institute of Information Technology.

Universiti Kuala Lumpur.

Innovation

1. Hamidah Sidek

Director, Industrial Centre of Innovation in Sensor, SIRIM Industrial Research

2. Dr. Noraishah Shamsuddin

Principal Engineer, Industrial Centre of Innovation in Sensor, SIRIM

3. Fakrul Rafidi Elias

Senior Researcher, Industrial Centre of Innovation in Sensor, SIRIM

4. Liza Wohlfart

Senior Scientist, Head of Centre for Frugal Products and Manufacturing Systems

Fraunhofer IAO, Germany

Technical Advisor

1. Dr. Muney Serit

Director, Sumitomo Chemical Enviro-Agro Asia Pacific

Sumitomo Chemical Public Health Tropical R&D Facility of Malaysia.

R&D Scientific Journal, Publication & Report

Evaluating the effectiveness of a laboratory-based formulations

(Validated by Vector Control Research Unit (VCRU), Universiti Sains Malaysia)

1. Laboratory & small-scale field trial evaluation of Aedestech Mosquito Home formulations against Dengue vector *Aedes aegypti* in a tropical environment
2. Laboratory evaluation of Aedestech Mosquito Home formulations, the new insect growth regulator formulation effects against *Aedes aegypti* & *Culex quinquefasciatus* larvae from the early instar to the adult stage of mosquitoes in penang, Malaysia

Use of a semi-field to evaluate the Efficacy of AMHS®

1. A Semi-field and Field Simulation using autodissemination Methods against Dengue Vector *Aedes aegypti* (School of Applied Health Sciences, Faculty of Health Sciences, Universiti Kebangsaan Malaysia)
2. Evaluation of a Mosquito Home System for controlling *Aedes aegypti* (School of Applied Health Sciences, Faculty of Health Sciences, Universiti Kebangsaan Malaysia)
3. Small-scale field assessment of efficacy of the autodissemination approach against *Aedes sp.* in an urban area (School of Applied Health Sciences, Faculty of Health Sciences, Universiti Kebangsaan Malaysia)

Use of a field to evaluate the Reduction of *Aedes* population

1. Aedestech Mosquito Home System[®] Prevents the Hatch of *Aedes* Mosquito Eggs and Reduces its Population (Department of Biomedical Sciences, Faculty of Medicine and Health Sciences, Universiti Putra Malaysia)
2. Evaluating the Potential of Pyriproxyfen Dissemination using Mosquito Home System against *Aedes albopictus* at a Dengue Hotspot Area (School of Applied Health Sciences, Faculty of Health Sciences, Universiti Kebangsaan Malaysia)
3. Modelling the Effect of a Novel Auto-Dissemination Trap on the Spread of Dengue in Shah Alam and Malaysia (Department of Mathematics and Statistics, University of Strathclyde, Glasgow, U.K.)
4. Field evaluation of Aedestech Mosquito Home System[®] ovitraps in Mauritius (Vector Biology and Control Division, Ministry of Health and Wellness, Mauritius)

Use of a field to evaluate the Reduction of Dengue cases

1. Field effectiveness of pyriproxyfen auto dissemination trap against container breeding aedes in high-rise condominiums (Medical Entomology Unit, Institute for Medical Research, Kuala Lumpur, Malaysia)
2. Modeling the Effect of a Novel Auto-Dissemination Trap on the Spread of Dengue in High-rise Condominia, Malaysia (Department of Mathematics and Statistics, University of Strathclyde, Glasgow, U.K.)

Use of a field to evaluate the Perception of people towards AMHS[®]

1. AMHS[®]: Aedestech Mosquito Home System[®] with pyriproxyfen based formulation (Faculty of Ocean Engineering Technology and Informatics, Universiti Malaysia Terengganu, Malaysia)

Others

1. Combatting Malaysia's dengue outbreaks with auto-dissemination mosquito traps: A hybrid stochastic-deterministic SIR model (Department of Mathematics and Statistics, University of Strathclyde, Glasgow, U.K.)
2. Impact of Aedestech Mosquito Home System[®] on dengue vector population and dengue cases in Police Housing Complex, Section 20 Shah Alam Selangor, Malaysia
3. Efficacies of the Aedestech Mosquito Home System[®] (AMHS[®]) and Insecticidal Mosquito spray (X'MOS[®]) at UMT
4. Efficacy of Intelligent Mosquito System (I.M.O.S) with X'MOS[®] mini aerosol against *Aedes* in 17th College, Universiti Putra Malaysia (Department of Biomedical Sciences, Faculty of Medicine and Health Sciences, Universiti Putra Malaysia)

Society Affiliation

2013 :

Member of MATRADE (Malaysia External Trade Development Corporation)

2014 :

Member of FMM (Federation of Malaysian Manufacturers #O0087) & GS1 System

2015 :

- Registered Vendor of Ministry of Finance Malaysia (# 357-02231316)
- Member of Malaysian Society of Parasitology & Tropical Medicine (# 0590)
- Pest Control Operator Licence Malaysia (# PCO/SEL/1691/1861)
- Registered PKS under KPDKK (# 950)

2016 :

Registered Vendor of United Nation Global Marketplace UNGM 457926 - UN organizations (ADB, CTBTO, FAO, ILO, ITC, ITU, OPCW, UN Secretariat, UNAIDS, UNDP, UNESCO, UNICEF, UNOPS, UN-Women, WHO, WIPO.)

2019

- Industry 4.0 Working Sub-Committee member 2019 / 2020 of Federation of Malaysian Manufacturers, Selangor branch.
- Member of ENTOMA – Entomological Society of Malaysia

2022

Member of TPM-ADVISE – Technology Park Malaysia's Innovation Incubation Centre's technopreneur

National committee member of Household Pesticides Committee of Malaysia 2022
Jabatan Standard Malaysia (Standards Malaysia)