MKCO2 – mosquito trap with Co2

The New Era of Mosquito trap

Powered by German zoological scientist team

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OUTDOOR SOLUTION

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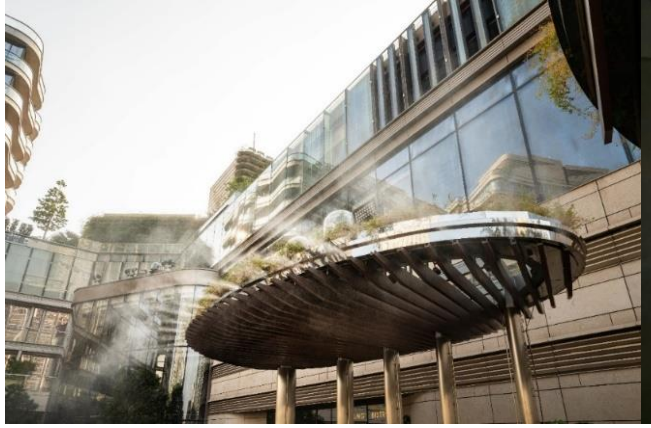
OUTDOOR SOLUTION

- Establish in 2010, a water Misting specialist
- Stay Cool, Stay Green
- Environment considering concept
- Serving Government and Private sector



運輸署 Transport Department
路政署 HIGHWAYS DEPARTMENT
機電工程署 EMSD
醫院管理局 HOSPITAL AUTHORITY
渠務署 Drainage Services Department
MTR港鐵
華懋集團 Chinachem Group
Holiday Inn
IKEA
港基物業管理有限公司
信和集團 Sino Group
W HOTELS
華人置業集團 CHINESE ESTATES GROUP
D·PARK 怡景新城
ISS
MANDARIN ORIENTAL HONG KONG
SWIRE HOTELS
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社會福利署 Social Welfare Department
The Hong Kong Polytechnic University 香港理工大學
MSTI
香港聖公會福利協會有限公司 HONG KONG SHENG KUNG HUI WELFARE COUNCIL LIMITED
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berliner
John Holland
西松建設 Nishimatsu Construction
ATAL
ALSTOM
DW
SAMSUNG
新輝建築有限公司 Sanfield Building Contractors Ltd. SUBSIDIARY OF SUN HUNG KAI PROPERTIES LTD.
i-CABLE 有線寬頻
新世界建築 New World Construction

Customer testimonial

“Very effective with trapping the mosquitoes as predicted by theory.

School staffs reported the mosquitoes are **Significant Reduced** since the CO2 Mosquito Trap running.”

Health, Safety and Sustainability Officer

ESF
英基

What makes it so effective?

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MK-Co2

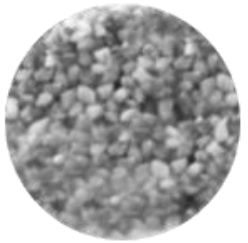
The Co2 trap

- Pure Co2 (not converted from LPG) can attract mosquito in distant
- Exact amount of 0.5Kg/day gives mosquito to trace the host respiration, now the trap
- Patented designed with significant air suction pressure

+

MA02

The mosquito attractant



- Patented skin odors
- 16 years of academic research by German Zoological scientist
- Fits to any traps boost up 200% of their effectiveness
- Especially works for the harmful tiger mosquitoes
- MA02 for outdoor last for 2 months;
  MA02home for home use last for 1 month

Q: How to locate the trap?

Put Approx. 10m per trap for high populated area

1. Near mosquito Resting area

- Naturally sheltered (tree/ shrub)
- Non windy place

2. Near mosquito Breeding Area

- Weedy area
- Near/ easy to damp area
- Near Water holding area (saucers, buckets, pots, bin)

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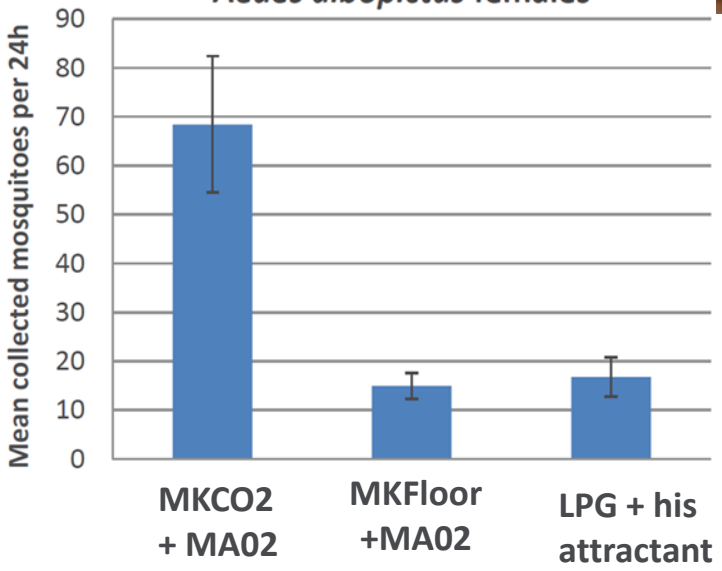
Effectiveness Comparison of Hong Kong conventional LPG trap

USA Mosquito Magnet VS Germany MK-Co2 trap

The following graphs displays the results from a field comparison of traps (with and without CO_2) for collecting *Aedes aegypti and Culex quinquefasciatus* in Lake Charles, Louisiana

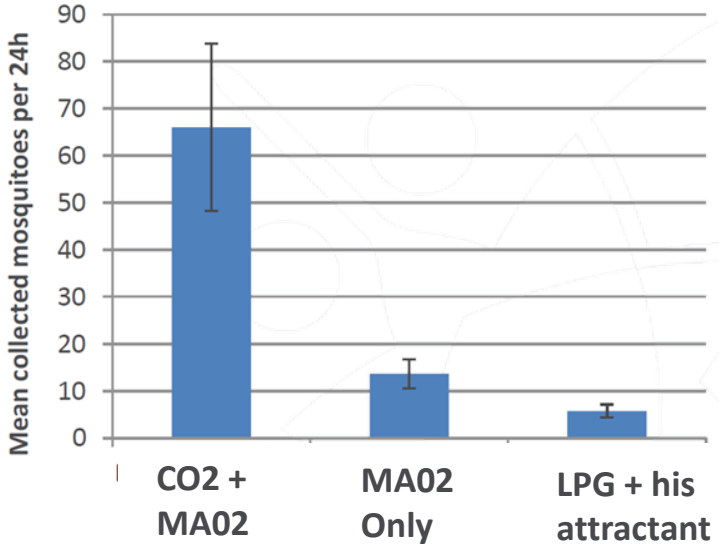
亞洲虎蚊 (雌性)

***Aedes albopictus* females**



致倦庫蚊 (雌性)

***Culex quinquefasciatus* females**



REMARK:
MKCO2: trap with Co2
MKFloor: trap without Co2
MA02: Germany patented attractant

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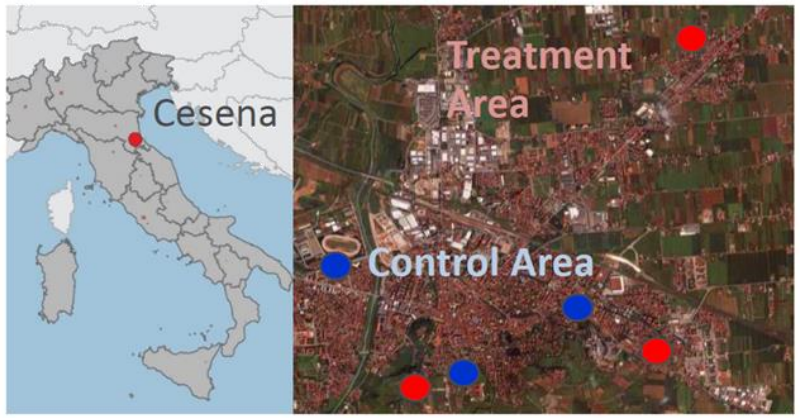
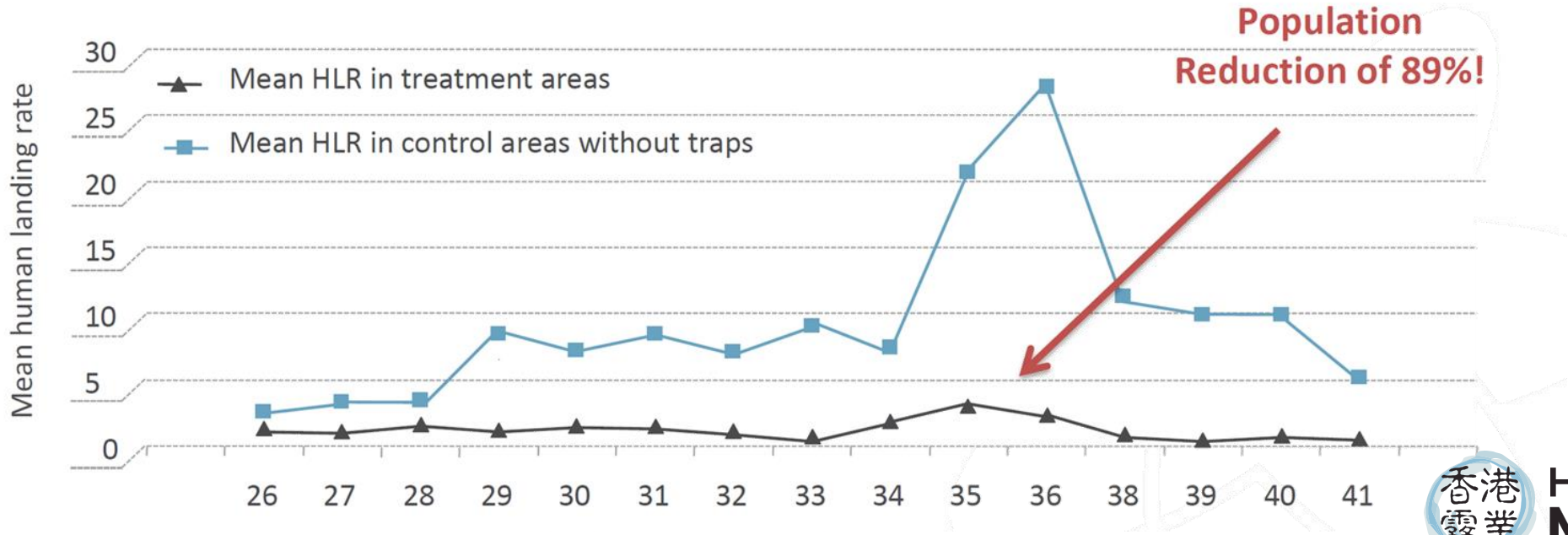
Effectiveness Area Control – Italy Case study



Case study in Italy proves that MKCO2 traps can be used to control urban populations of *Aedes albopictus* 亞洲虎蚊

- 8 X MKCO2 traps per treatment
- Duration: 15 weeks over summer
- Measured Parameters: Human landing rates and ovitraps every week



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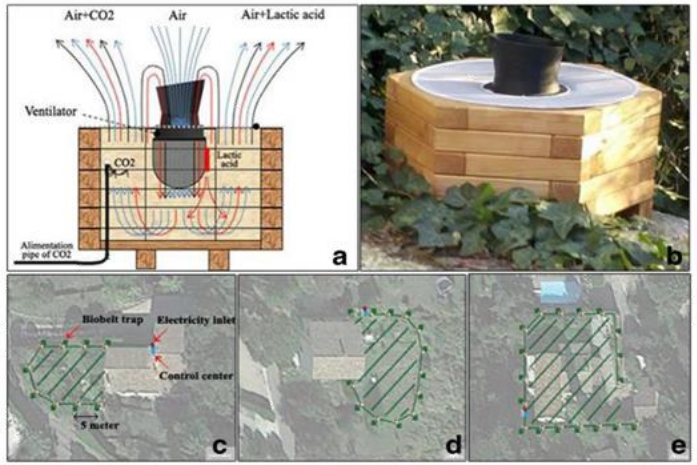
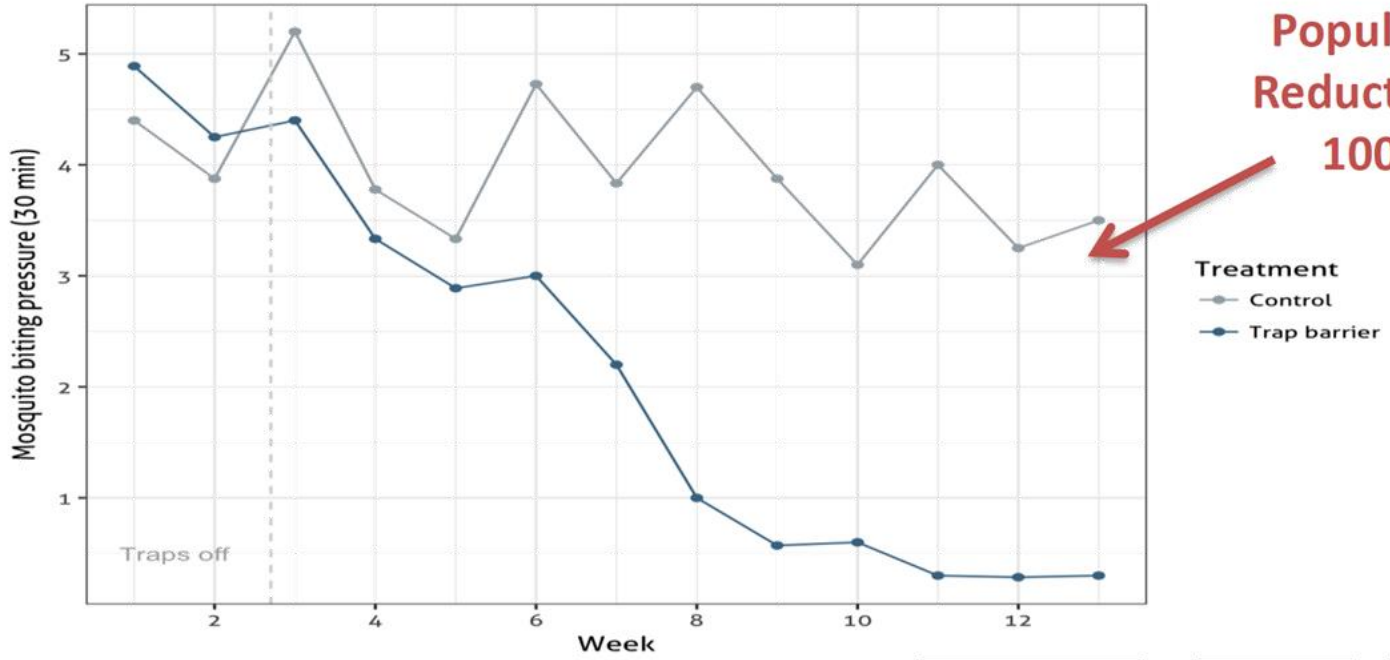
Effectiveness Area Control – France Case study



Case study in France proves that Biogents traps can be used to control urban populations of *Aedes albopictus* 亞洲虎蚊

- Barrier system of multiple BG-suction traps with CO2 per treatment
- Duration: 15 weeks over summer
- Measured Parameters: Human landing rates daily



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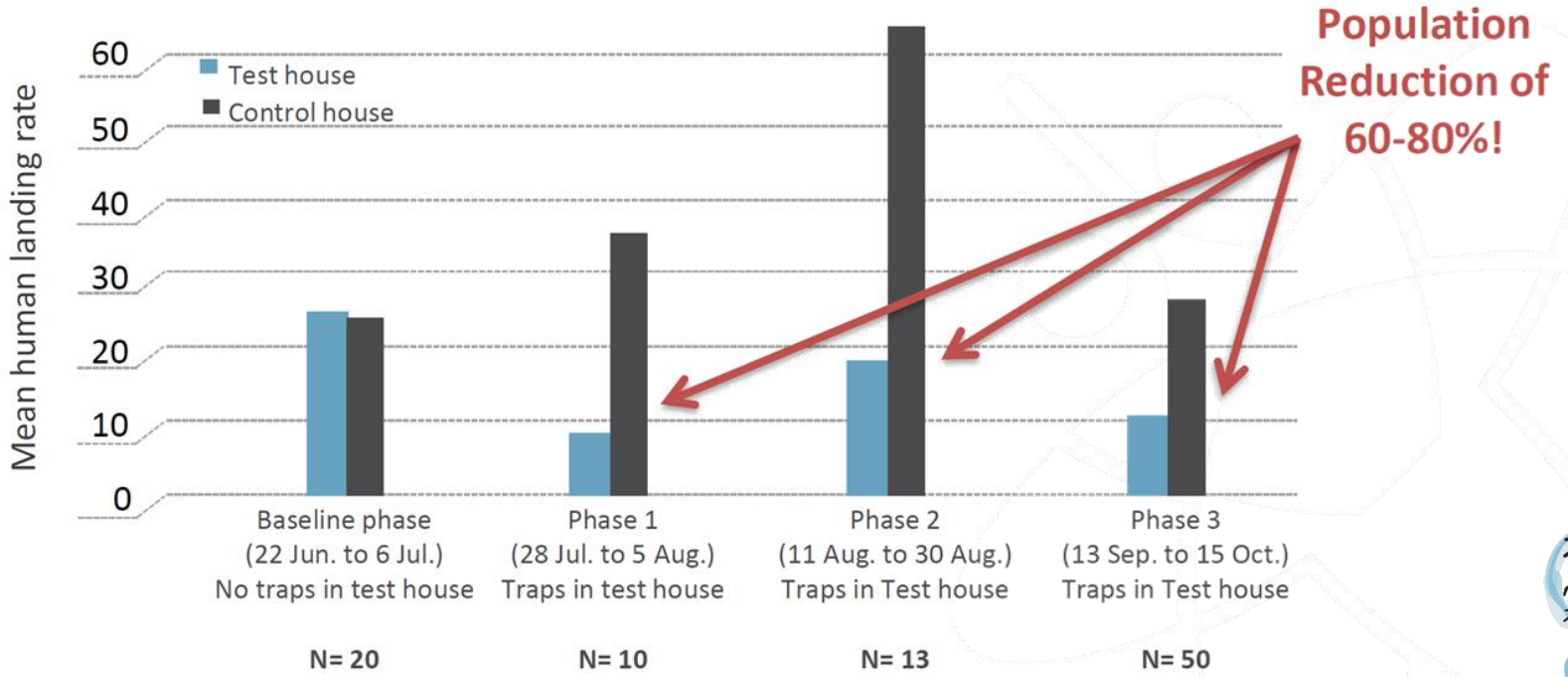
Effectiveness Area Control –USA Case study

Case study in Florida, USA proves that MKCO2 traps can be used to control urban populations of mosquitoes

- 3 X MKCO2 traps with CO_2 per treatment
- Duration: 15 weeks over summer
- Measured Parameters: Human landing rates



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