The ecological anti-mosquito trap

Ecological

Connected

Prevention

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QISTA

Get free from mosquitoes

Why QISTA ?

QISTA is a French company created in 2014. Now based in Sénas, it has developed a mosquito control solution that is complementary to traditional mosquito control methods requiring chemical treatment (insecticides, repellent lotions etc.).

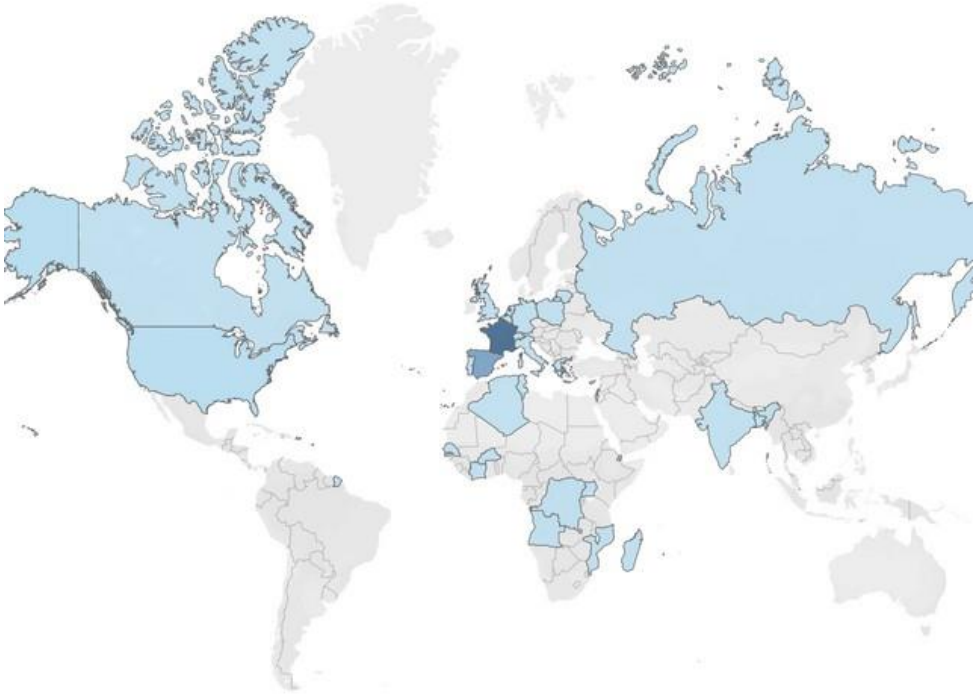
Today QISTA is ...

60 associates

10000 customers

Based in **24** countries

around **100** municipalities equipped



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Qista traps

The ecological anti-mosquito trap made in France

Made in France, the Qista trap is a real anti-mosquito solution that respects human beings, animals and natural resources.

Proven efficiency up to **88%**

The traps reduce mosquito nuisance by up to 88%. An effectiveness measured and scientifically proven by a study conducted by the Regional Natural Park of Camargue by the research center of the Tour du Valat.

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A selective method

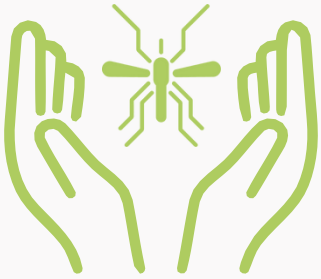
Only female mosquitoes are attracted to the trap

Male mosquitoes and other non-hematophagous insects (bees, butterflies, ladybugs...) are not attracted and keep fulfilling their important role in their environment.

An eco-friendly product

1 trap = 1 human being

By reproducing the simple presence of a human being, Qista devices, entirely manufactured in the South of France, do not present any nuisance or toxicity for the environment.



No phenomenon of resistance

Attract and capture based on a natural need

The mosquito's immune system is not impaired by Qista traps "BAM" because the bait is a food lure. Feeding is a natural need including for mosquitoes!

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Our ecological mosquito control solution

QISTA traps provide a cutting-edge solution to mosquito control. This unique technology ensures optimal performance in terms of efficiency and comfort.

MORE
ACCURATE
MONITORING

Detection process

QISTA has developed an algorithm-driven optical sensor capable of accurately identifying mosquitoes in the area surrounding the machine. Once they are closed enough from the machine, the mosquitoes are entrapped within a net thanks to the suction process.

The caps of the trap are equipped by infra-red LED in order to ensure the night-time operation of the optical sensor.

QISTA ONE

Where we can install the BAM VISIO?

The BAM VISIO is designed for private areas such as nurseries, schools, hospitals and private gardens....

SPECIFICATIONS

- Effective for all species of mosquitoes
- Remote monitoring Via Bluetooth
- Tropicalized polypropylene material
- Electrical equipment and CO2 cylinder
- Secure system.

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BAM VISIO

Where we can install the BAM VISIO?

The BAM VISIO is designed for private areas such as nurseries, schools, hospitals and private gardens....

SPECIFICATIONS

- Effective for all species of mosquitoes
- Remote monitoring
- Mosquito capture data transmission
- Tropicalized polypropylene material
- Electrical equipment and CO2 cylinder
- Secure system

URBAN BAM VISIO

Where we can install the URBAN BAM VISIO?

The URBAN BAM VISIO is designed for public spaces such as streets, neighborhoods, parks, harbors...

SPECIFICATIONS

- Effective for all species of mosquitoes
- Remote monitoring
- Mosquito capture data transmission via QistaConnect software
- Designed for public highways, resistant to incivilities and weather conditions
- Electrical equipment and CO2 cylinder
- Secured by 2-point locking system

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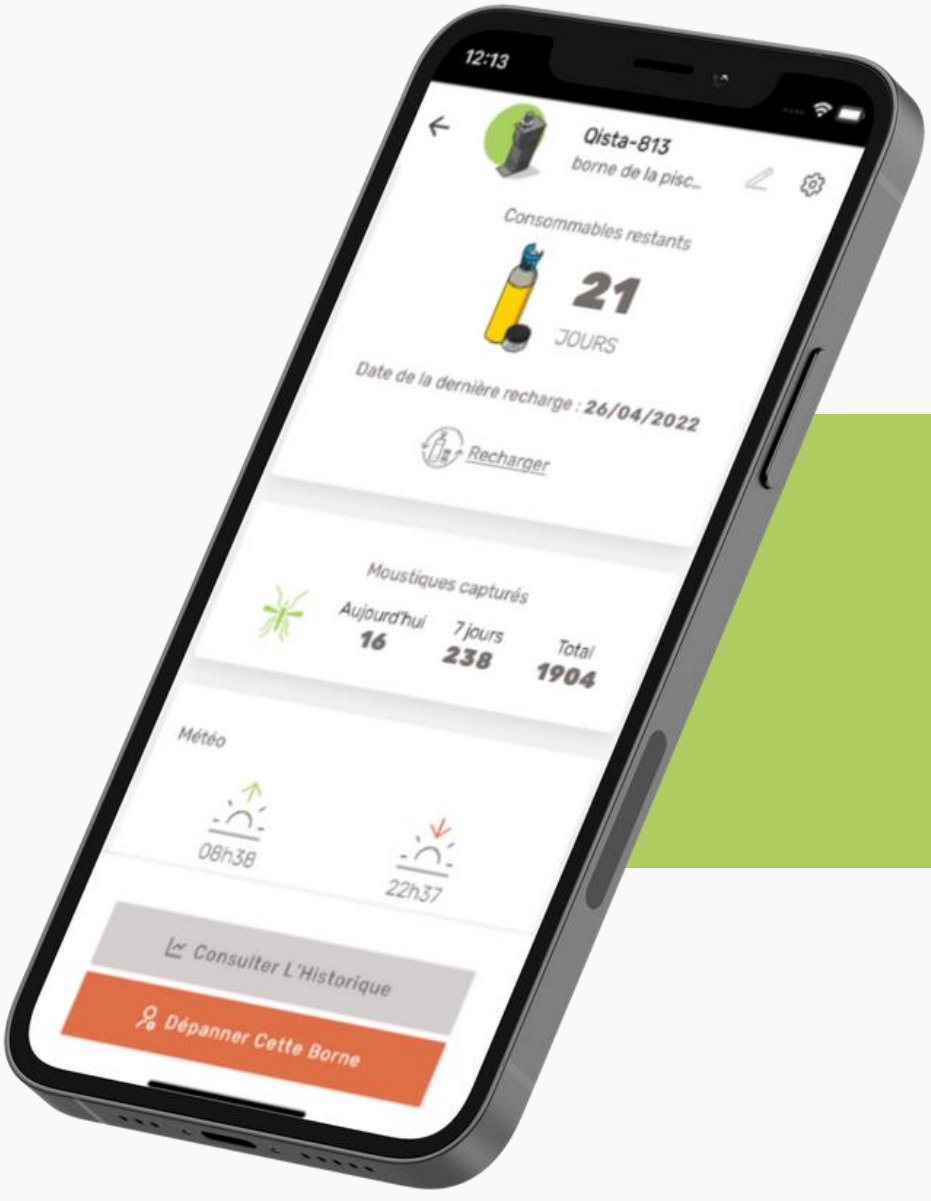
A unique connected solution

More than a simple mosquito control tool, Qista traps offer to the user a range of new tools:

- **Remote control** of the trap
- Selection of the **program** corresponding to the type of mosquito present in the environment
- Monitoring of **consumables levels**
- View **catch history** based on weather data and time of day



Real-time monitoring and data analysis

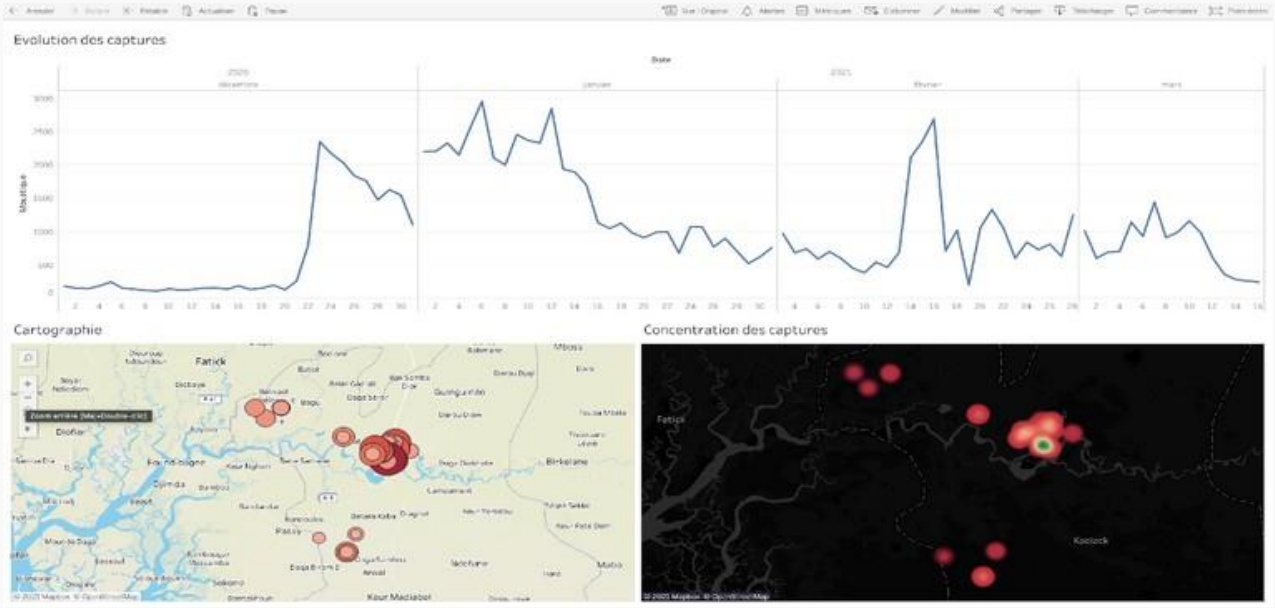
Monitoring and predictive analysis

The Qista anti-mosquito solution has an onboard technology that can collect **many data.**

A genuine **prevention tool,** the trap makes it possible to know the volume of mosquitoes captured in each site, the current and future levels of infestation, the quantification of mosquito populations on satellite maps, etc.

We are then able to carry out a **complete analysis of the infestation levels** thanks to the data cross-referenced and cumulated by the Qista software.

The competent services can thus consult the **map of the presence of mosquito populations, anticipate mosquito movements** and **prioritize mosquito control actions** in the most densely populated areas.



Treatment targeting

Big data processing allows local authorities to mechanically remove larvae breeding sites and to **target field interventions accurately and at the right time.**

Taking preventive action **limits the risk of epidemics** of mosquito-borne diseases and also leads to a **more responsible use of pesticides**, or even the complete **cessation** of their use.

Mosquito weather forecast

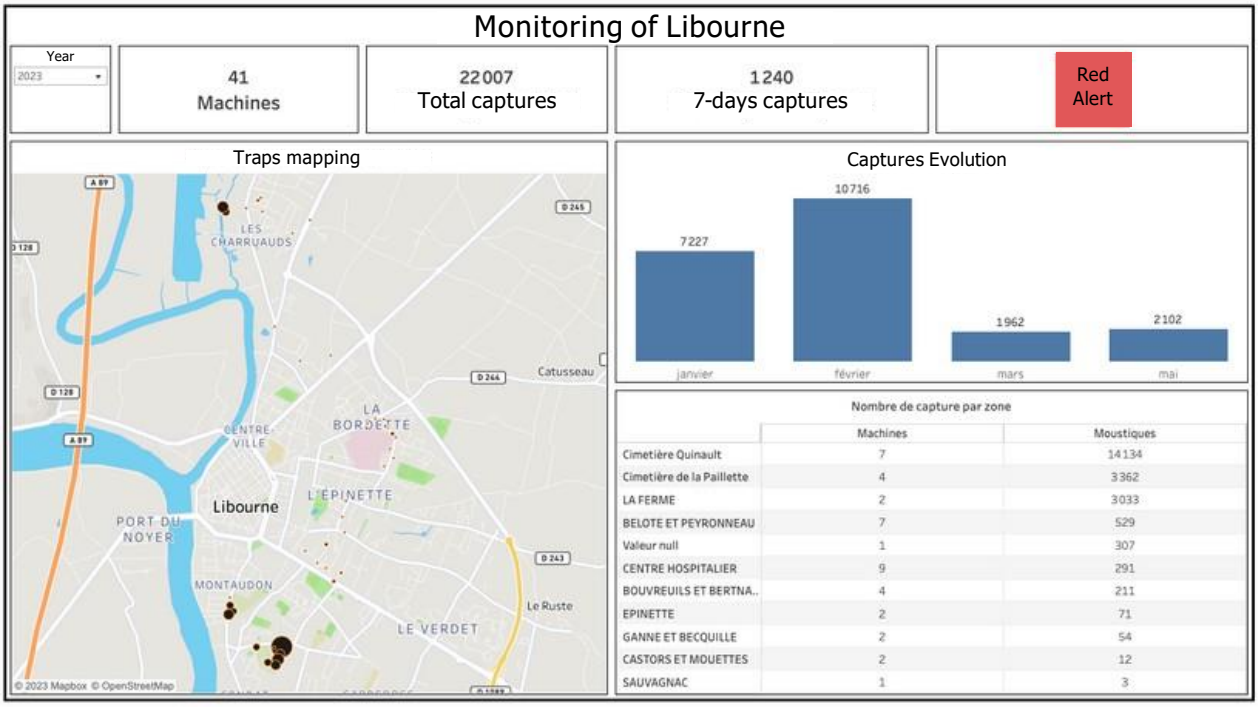
The possibilities offered by our devices in terms of connectivity enable real-time predictive analysis.
This predictive analysis is based primarily on proliferation analysis, capture data, and mosquito flow modeling to predict population trends and movements. Ultimately, this analysis will enable the implementation of an entomological surveillance and monitoring strategy known as integrated pest management.

In fact, statistics of captures enable to identify the areas where the pressure exerted by mosquito nuisance is more important. This data helps competent authorities focus their course of actions and adapt the different tools deployed to fight against mosquitoes in a smart and optimized way.

Via our **data display platform**, the relevant authorities can track the captures of deployed traps and have warnings in real time.

The average number of mosquitoes captured over all these areas, coupled with a weighting index based on weather forecasts triggers different levels of alert presented by colors : green, orange and red.

City councils and residents are kept informed of mosquito infestations in real time, thanks to QISTA connected mosquito traps. This approach anticipates emergence of nuisances, enabling your teams to take preventive measures to counter future increases in mosquito populations.



QISTA LAB

Analysis of proliferation, capture data and modelling of mosquito flows to make predictions on the evolution of mosquito populations for the coming years.

REAL-TIME ENTOMOLOGICAL MONITORING

Real-time information feedback to customers to take appropriate, rapid and targeted actions (search for new breeding sites, prevention actions for the population...).

SPECIES IDENTIFICATION

Inform local authorities about the species of mosquitoes present in their territory. An identification carried out by our scientific team thanks to the net readings of the QISTA .

REPORTING TOOLS

Reporting tools and dashboards to study trends in catches by period, the location and number of different species of mosquitoes present in the area...

MAPPING OF AREAS AT RISK

Geolocalized mapping identifcation of areas with high risk of nuisance in order to increase vigilance and awarness.

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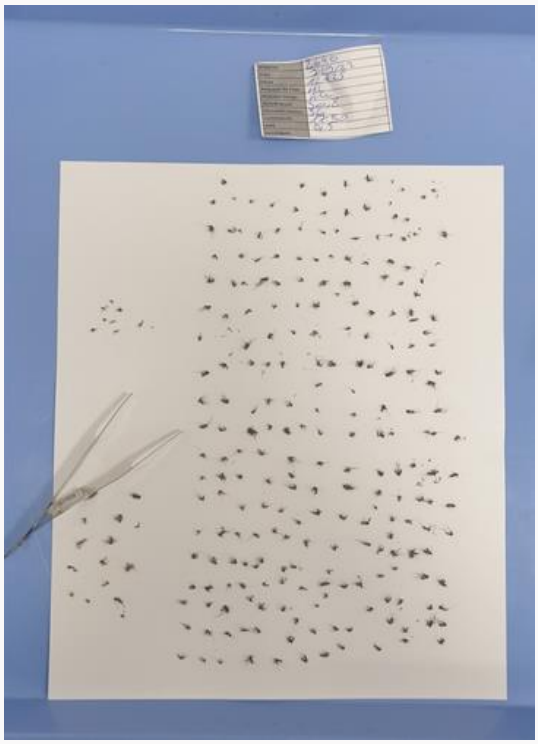
UAE Qista Trap

Species identification

Thanks to our molecular parasitology and entomology laboratory, the QISTA LAB, our teams are able to perform advanced catch diagnostics.

These diagnoses indicate the species of mosquitoes captured by the traps and alert the competent authorities of unusual findings.



Net survey in Hyères (South of France) center and species identification

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