

Avia-GIS

Software Technologies for a Healthier World

AVIA

Who are we?

























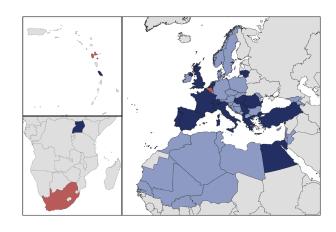






BE SME established in 2001 75% Europe – 25% Overseas 17 + 3 collaborators, 7 nationalities International networks Second investment round















100%

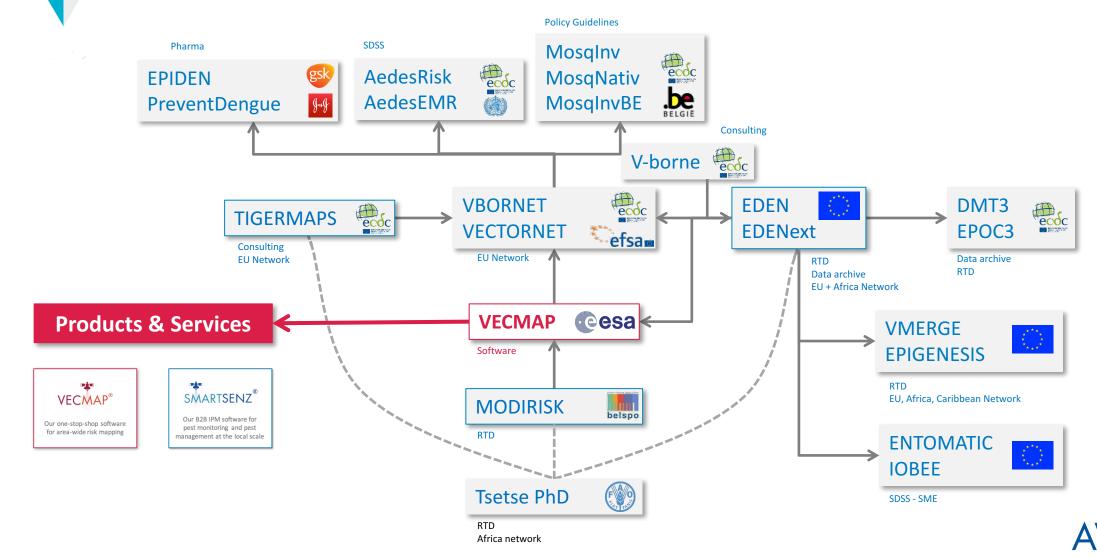








International networks



What is our expertise?

Spatial and Temporal Risk Assessment





















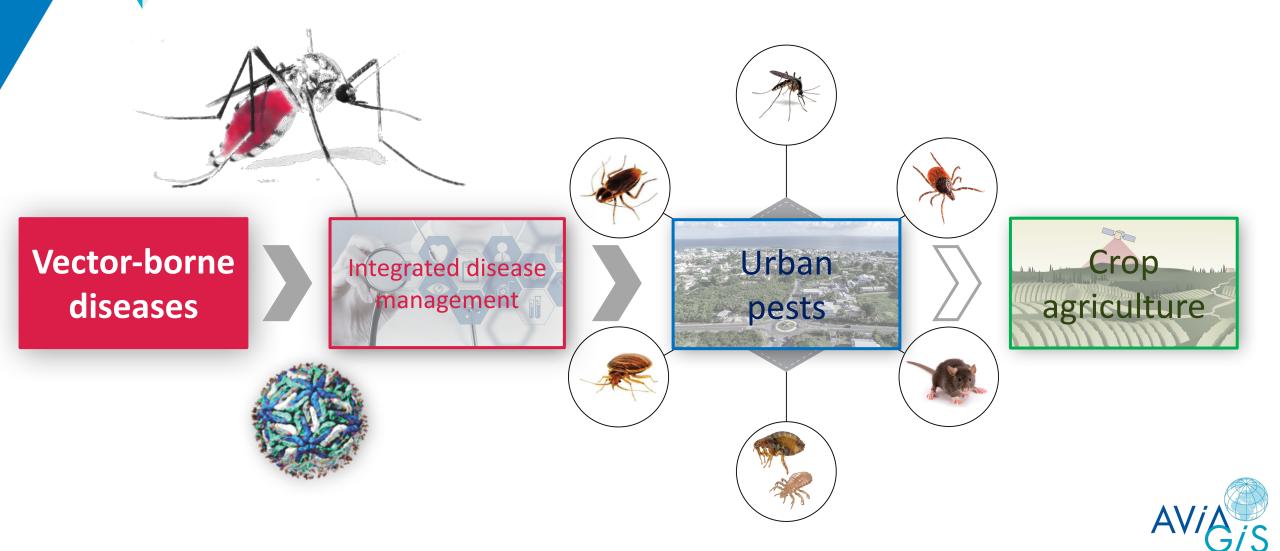








What are our domains of activity?





Who are our clients?

We increase the capacity of our clients to deal with spatial risk With our software and dedicated tools our clients:

Researchers

Policy Makers

Pest control

Industry



understand risk: where, why, when?



protect the public against risk



implement IPM approaches



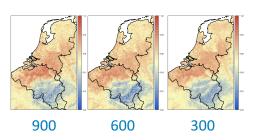
improve their products & services

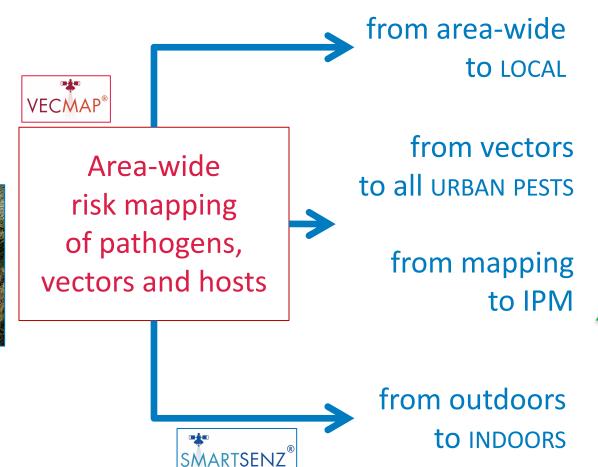


What is our Unique Solution?

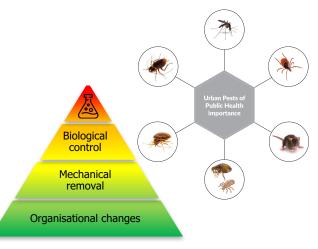


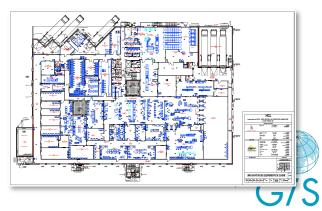












How was VECMAP developed?

IT staff: red/1 orange/2 yellow/3 y-green/4 d-green/5 blue/6

0000	2010	2011	2012	2013	2	2014	2015	2016	2017	2	2018	2019	2020	2021
VECMAP V1.0 Feasibility			VECMAP V1.0 Demo			SMARTVEC Demo CCN		SMARTSENZ Demo CCN			VECMAP V2.0 / SMARTSENZ-IPM Commercial upscaling			

ESA Business Applications Program

esa business applications

H2020 SME Instrument Grant





Contract Research outputs















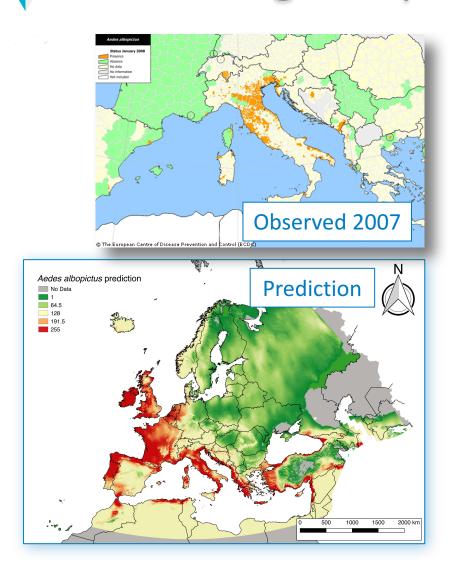




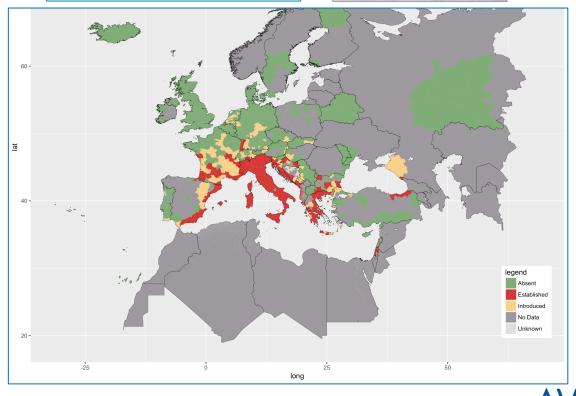


Mosquitoes (1/3)

Predicting the spread of the Tiger Mosquito



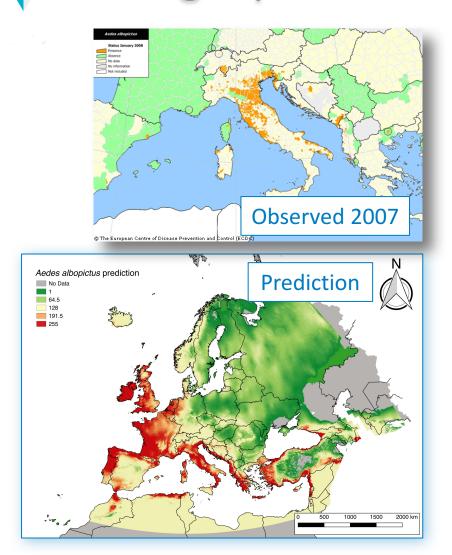
Current vector situation

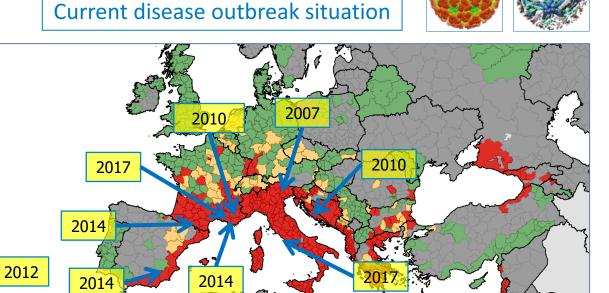


Refs. TigerMaps 2009 and VectorNet 2019

Mosquitoes (2/3)

The Tiger paved the way to introduce new VBDs





2015

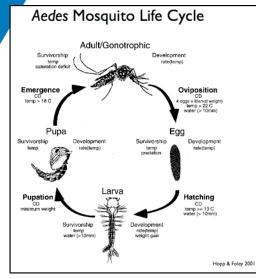
2019

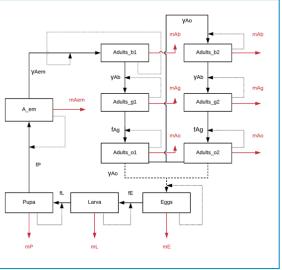


Mosquitoes (3/3)

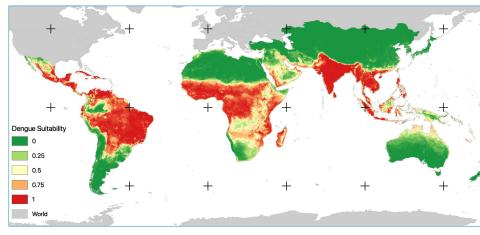
Clinical trial support for pharma industry

Global dengue hotspots



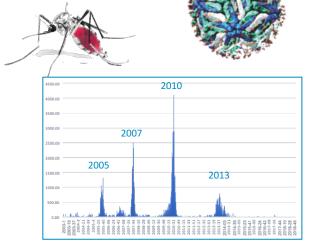


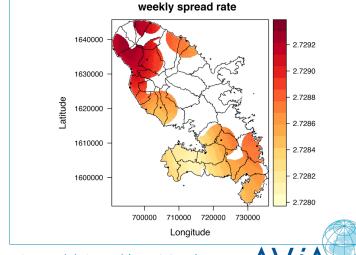










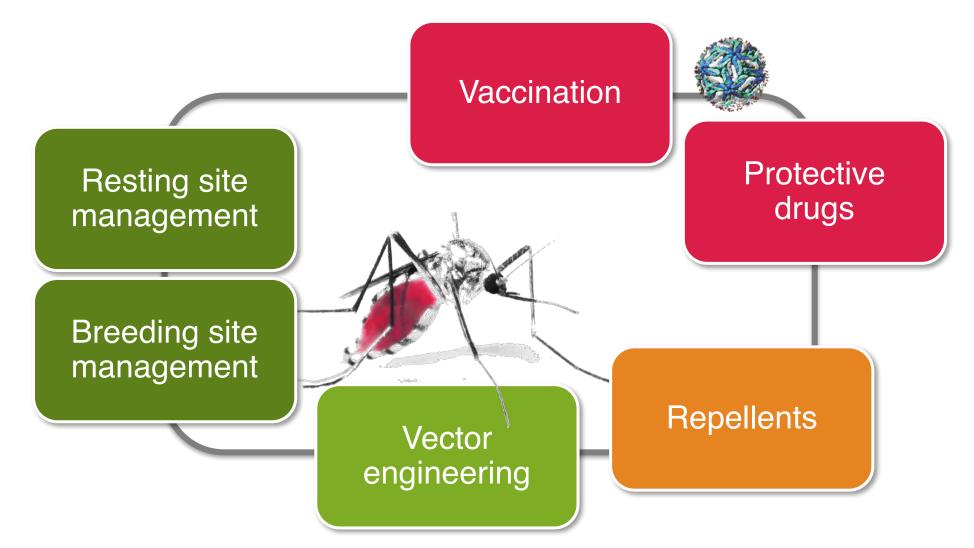


SIR Model: Spread (Martinique)

Historical outbreaks (Guadeloupe)



Integrated Vector-borne Disease Management







Thank you for your questions

info@avia-gis.com www.avia-gis.com

