DECENTRALIZED COMMUNITY DRIVEN PLATFORM FOR PREVENTION AND TRACKING OF VECTORS & VECTOR BORNE DISEASES

VECTORFIGHT

Hacking Global Health
Improving Urban Health in Africa, Asia and Latin-America

About the Event:

- By KfW Development during World Health Summit 2017
- 15th-17th October 2017 in Berlin
- 20 ideas at the start – 8 ideas selected
- Winner: VECTOR**FIGHT**

Our Team:

- 4 Countries
- Different professional backgrounds

PROBLEM

VECTORS

as disease transmitters

Unplanned Urbanization
Climate Change

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VECTORS
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How can I protect myself and my community?

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Where do I get reliable information about diseases and vectors?

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Unplanned Urbanization
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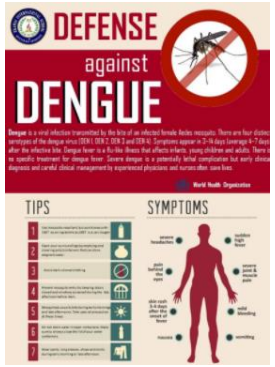
How can I protect myself and my community?

Where do I get reliable information about diseases and vectors?

Existing strategies and platforms



Benchmarking:

- **Various online resources.**
- **Vector specific.**
- **Country specific.**
- **Government centralized.**

OUR SOLUTION

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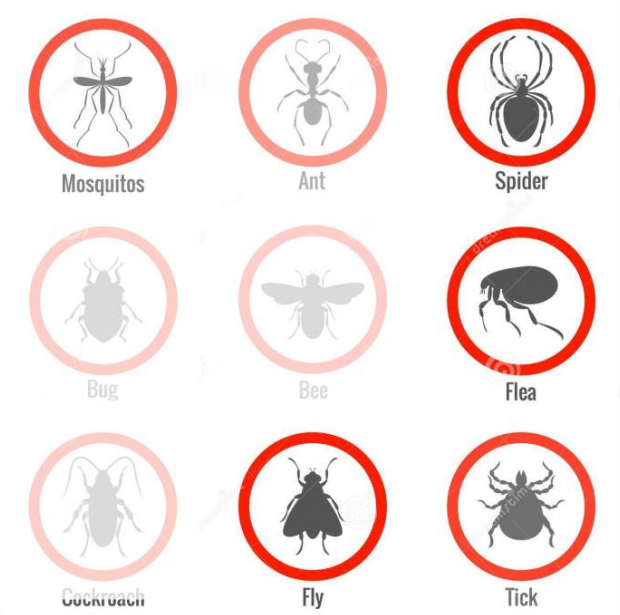
- Helping people help themselves
  - Community Education:
    - Vectors and related diseases.
  - Community input and networking.
  - Support community organized actions.

- Direct connection with
  - Official local and regional government institutions.
  - Research Institutes.
  - Resources to prevent and avoid epidemics.

VECTOR**FIGHT**



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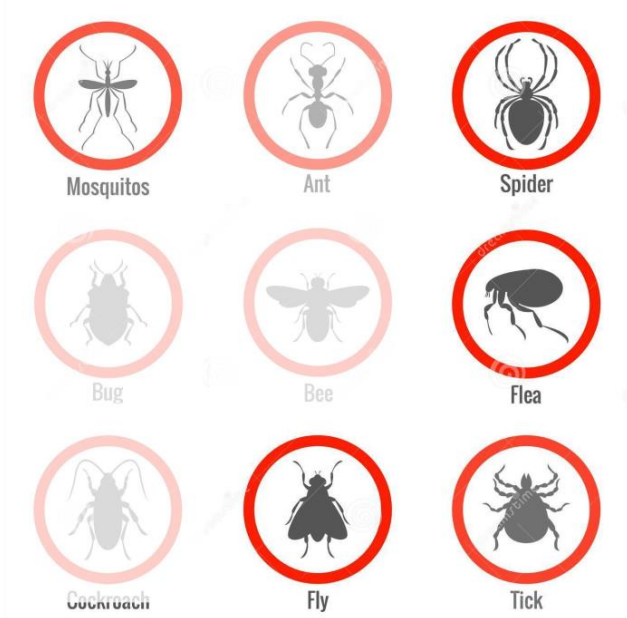
VECTOR**FIGHT**



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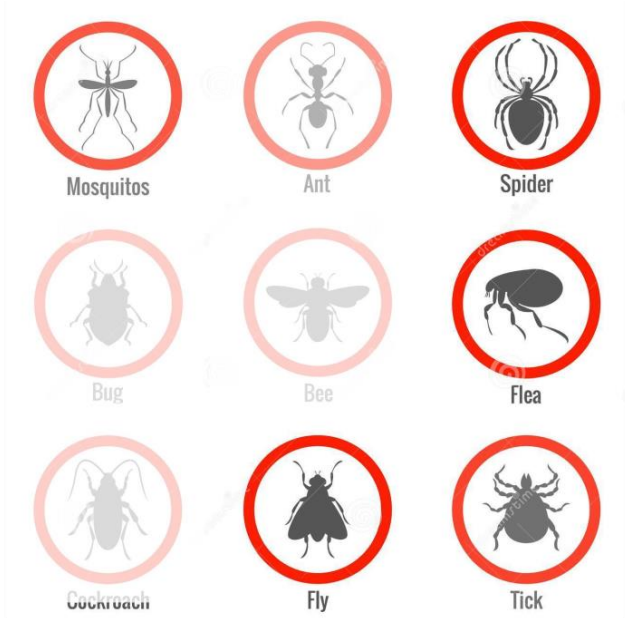
VECTOR**FIGHT**

Citizen1 (lvl1): There's a pothole here

Citizen2 (lvl3): There are also some mosquitoes there

Citizen3 (lvl5): I concure, this needs a fix

VECTOR**FIGHT**



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VECTOR**FIGHT**

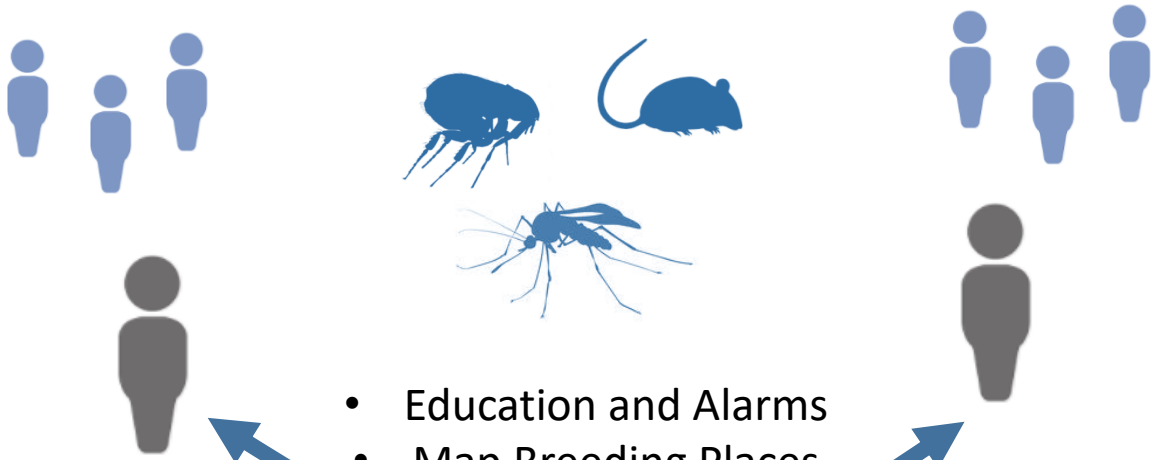
Vector

Mosquito

Disease

Dengue

THE BIG PICTURE



- Education and Alarms
- Map Breeding Places

VECTOR**FIGHT**

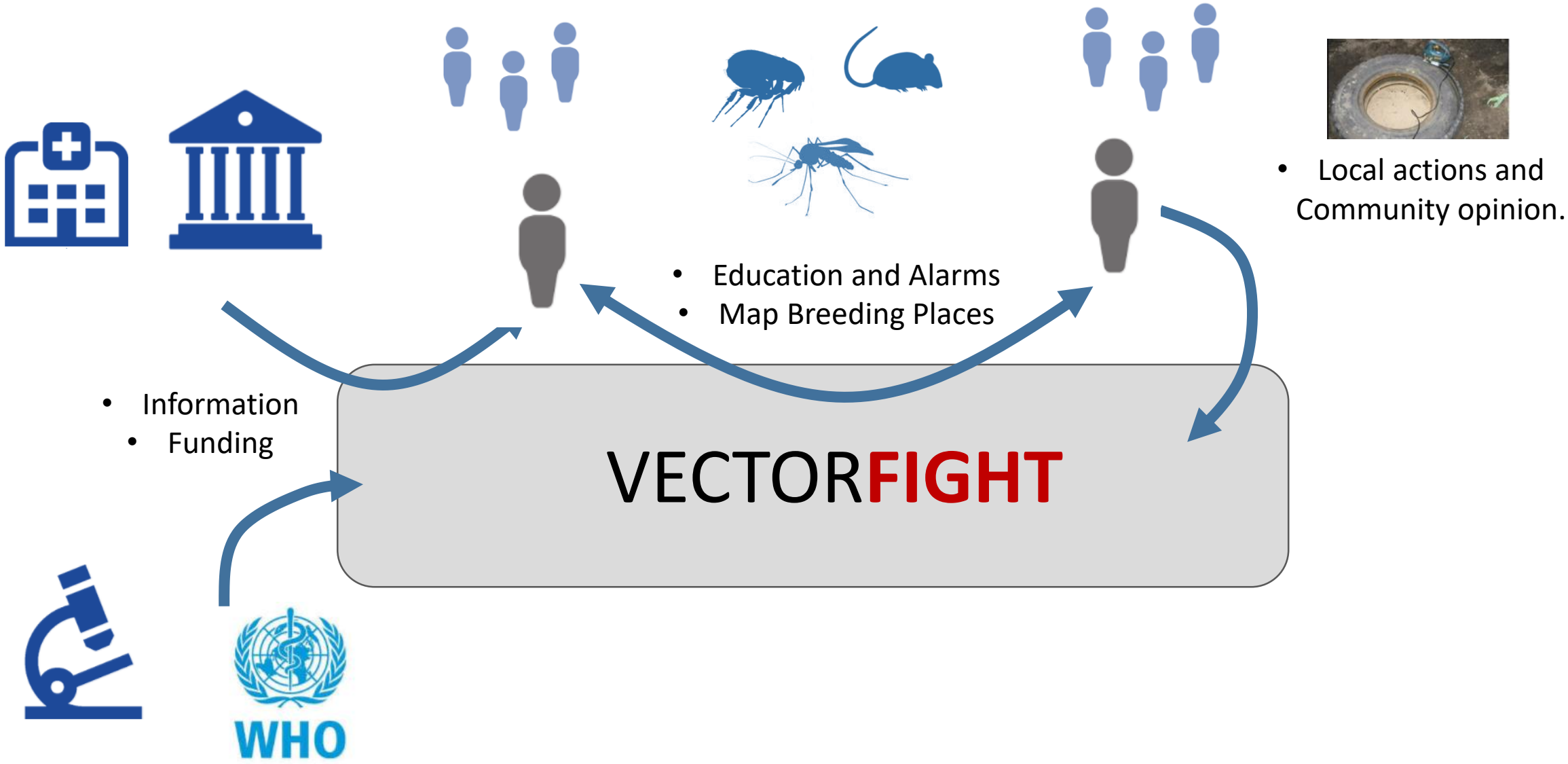
THE BIG PICTURE

- Education and Alarms
- Map Breeding Places

- Local actions and Community opinion.

VECTOR**FIGHT**

THE BIG PICTURE



THE BIG PICTURE

- Local actions and Community opinion.

- Education and Alarms
- Map Breeding Places

- Information
- Funding

VECTOR**FIGHT**

Collaboration

DIRECT ACCESS TO RESOURCES

- Manufacturers of Nets, traps, fumigation products, etc.
- Telecommunication companies – data usage providers.

BRINGING IT TO REALITY - BUDGET

VECTOR**FIGHT**

COST

+ Construction of platform
+ Maintenance of Platform
+ Administrative and Marketing expenses

REVENUE STREAMS

+ Supranational/International Institutions (WHO, CDC, ECDC, Unicef)
+Official local and regional government institutions.
+Research Institutes.
+Private Companies (fumigation, nets, traps)

BRINGING IT TO REALITY -TIMELINE

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NOVEMBER- 2017
Stakeholder Analysis
Outline of Project – Build up a Team
Apply for funding opportunities

FEBRUARY 2018
Programming

MAY 2018
Testing

PILOT COUNTRIES:

	MADAGASCAR	COLOMBIA
Vectors	Fleas and Rats	Mosquitos
Disease	Plague	Dengue
Current Situation	Outbreak / Acute	Endemic / Chronic

THANK YOU!

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THANK YOU!

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BENCHMARKING OF EXISTING ADOPTED STRATEGIES IN HANDLING SITUATION IN MADAGASDAR				
INDICATOR	OUR DIGITAL PLATFORM	BROADCASTING	POSTERS AND PLACARDS	COMMUNITY LEADERS
Scope (Coverage)	Larger	Large	Small	Small
Engagement	Highest	High	Low	High
Medium of Information Dissemination	Online	Radio / Television	Printed Media	Physical
Medium Accesibility	Unlimited (24/7)	Limited: Time Specific	Limited: Location Specific	Limited: Location Specific