

# THE DENGUE EBAROMETER

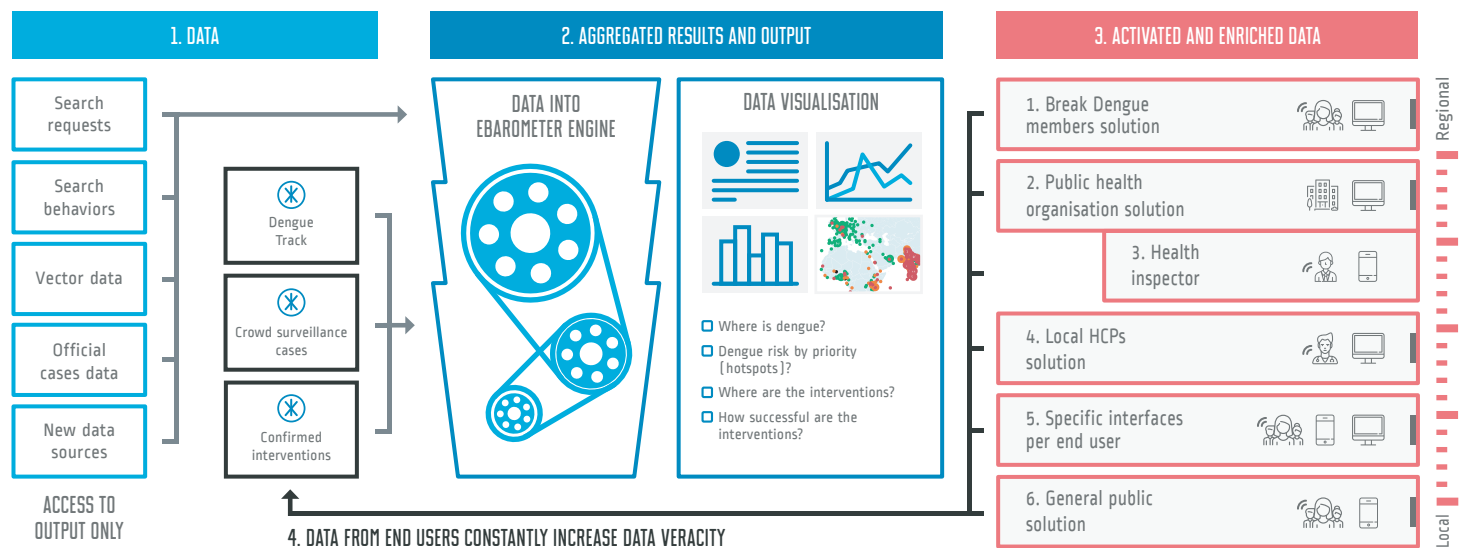
The eBarometer brings together multiple data sources **1** including traditional epidemiological sources, search queries, crowd-surveillance from Dengue Track, social media, and potentially other relevant or complementary data from existing or new sources generated by the partnership.

The data is cleaned, assimilated and modeled individually per source and then aggregated into multi-source models **2**. Aggregated data is visualized and delivered in a global and regional format to highlight global dengue trends.

Data output is then made actionable both in terms of format and through specific channels to various public health actors **3**. Dedicated interfaces such as websites and apps are designed according to the

needs of different end users from the ground to regional level, including healthcare professionals, health inspectors, laboratories, hospitals, schools, the general public and Break Dengue partners. Each end user receives targeted information about dengue [e.g. geolocalized outbreaks on a map, access to a searchable dashboard].

And finally, each end user in turn can submit their own observed data [confirmed dengue cases, on site interventions, breeding sites, etc.] that will feed back into the eBarometer and create a positive feedback loop **4**, self-enriching the dataset and helping measure impact of various activities such as vector control campaigns, vaccine prevention, awareness and sensibilization or anti viral campaigns. The whole system will create ever-greater value and impact than the sum of its parts.



## PARTNER BENEFITS

The eBarometer project is built on a foundation of shared value benefiting supporting partners. They will actively help shape the project to achieve maximum co-impact for this initiative and dengue while enabling individual partner goals to be reached.

- Have a real world test environment to make partners data and its models actionable
- Connect scientific work and expertise with local public health stakeholders and populations at risk
- Increase the whole impact through co-impact and measure it
- A scalable approach which can be extended to other diseases and according to the needs of partners
- Co-authorship of peer-reviewed publications
- Co-branding and communication of activities at conferences and through other channels
- Shared credit for the ground-breaking impact of the eBarometer project



**2017**  
Winner with Sanofi, Association of Strategic Alliance Professionals CSR Excellence Award



**2016**  
Recognized as WHO eHealth case study



**2015**  
Winner "Most impactful emerging or global initiative"



**2014**  
Social good awards, Winner in Healthcare