

FIGHTING AGAINST MOSQUITOES THAT CARRY ZIKA, DENGUE AND CHIKUNGUNYA



VECTOR CONTROL



50 YEARS OF EXPERTISE IN VECTOR CONTROL



SIGNIFICANT INVESTMENTS IN THE DEVELOPMENT OF VECTOR CONTROL SOLUTIONS

- FIVE-FOLD INCREASE** IN OUR INVESTMENT INTO NEW VECTOR CONTROL PRODUCT DEVELOPMENT OVER THE LAST 10 YEARS
- INVESTMENT INTO PRODUCTION** CAPACITY OF VECTOR CONTROL PRODUCTS
- A GLOBAL TEAM OF 50 PEOPLE** DEDICATED TO DEVELOPING MORE SOLUTIONS

ZIKA/DENGUE/CHIKUNGUNYA VECTOR CONTROL

3 OF THE 5 SPACE SPRAYS RECOMMENDED BY WHOPESS** COME FROM BAYER

2 INNOVATIVE SOLUTIONS TO BE LAUNCHED: ONE GLOBALLY AND THE OTHER IN THE US MARKET

SOLUTIONS IN DEVELOPMENT



PRODUCTS WITH IMPROVED RAIN FASTNESS TARGETING OUTDOOR RESTING MOSQUITOES



NEW MODES OF ACTION FOR INSECTICIDE RESISTANCE MANAGEMENT



LONGER LASTING, MORE COST EFFECTIVE, AND MORE SUSTAINABLE SOLUTIONS

MALARIA FACTS & FIGURES - COMBATING RESISTANCE

MALARIA: THE DEADLIEST VECTOR-BORNE DISEASE



↳ **44% OF THE GLOBAL POPULATION**



↳ MALARIA REPRESENTS **80,55%** OF 725 000 DEATHS CAUSED BY MOSQUITOES

30 CHILD DEATHS EVERY HOUR

EXISTING SOLUTIONS TO FIGHT MALARIA

MOSQUITO CONTROL



INDOOR RESIDUAL SPRAY TREATED BEDNETS

MEDICAL TREATMENT



PREVENTIVE OR CURATIVE

116 MILLION people protected BY INDOOR RESIDUAL SPRAY.

1 BILLION INSECTICIDE TREATED BEDNETS distributed since 2000 globally.

PROGRESS SINCE 2000

37% DECREASE IN THE NUMBER OF CASES

WITH 78% OF THESE CASES AVERTED DUE TO VECTOR CONTROL.

60% MORTALITY RATE DECREASE



150 MILLION PEOPLE PROTECTED THANKS TO BAYER SOLUTIONS.

ON ALERT SINCE 2010 : INSECTICIDE RESISTANCE

EVOLUTION OF MOSQUITOES

INSECTICIDE RESISTANCE : WIDESPREAD RESISTANCE TO THE ONLY INSECTICIDE USED ON NETS, RESISTANCE DEVELOPING TO OTHER INSECTICIDE, RAPIDLY WORSENING SITUATION

DECLINING EFFICIENCY OF VECTOR CONTROL SOLUTIONS

DANGER: RISK OF MALARIA RESURGENCE WITH ABOUT **120 000 NEW VICTIMS PER YEAR***

BUILDING ON 50 YEARS OF EXPERTISE

- FIVE-FOLD INCREASE** IN OUR INVESTMENT INTO NEW VECTOR CONTROL PRODUCT DEVELOPMENT BETWEEN 2005 AND 2015.
- INVESTMENT INTO PRODUCTION** CAPACITY OF VECTOR CONTROL PRODUCTS IN SOUTH AFRICA, FOR AFRICA.
- INVESTMENT IN THE NEXT GENERATION** OF MALARIA SCIENTISTS
- PROACTIVELY PROMOTING AND SUPPORTING** SAFE USE OF MALARIA VECTOR CONTROL SOLUTIONS
- A GLOBAL TEAM OF 50 PEOPLE** INVOLVED IN VECTOR CONTROL.

BAYER SOLUTIONS TO COMBAT INSECTICIDE RESISTANCE

- A COMPREHENSIVE WHOPESS RECOMMENDED PORTFOLIO** ADDRESSING MOST OF THE IMPORTANT VECTOR CONTROL INTERVENTIONS.
- DEVELOPING A NEW GENERATION** OF VECTOR CONTROL SOLUTIONS (eg. Fludora Fusion - new mode of action in first mixture product; long-lasting larvicides).
- CONTINUED INVESTMENT** TO BRING RESISTANCE MANAGEMENT TOOL TO MARKET.
- STRONG COLLABORATION** WITH IVCC IN SOLUTION DEVELOPMENT.

* Source WHO