



# Malaria

## Facts & Figures

### Malaria: The Deadliest Vector-Borne Disease



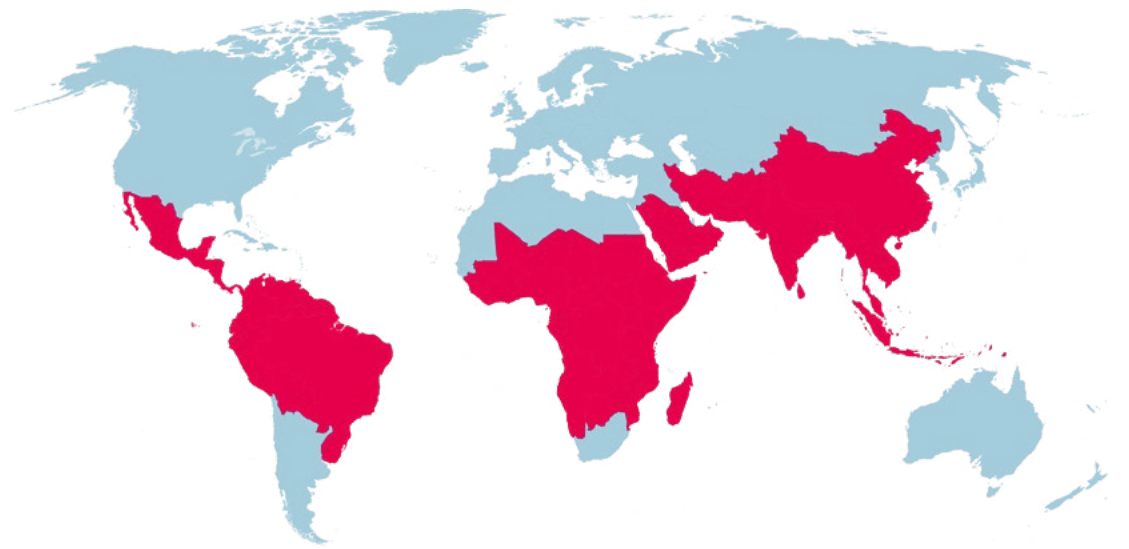
**50%** of the global population at risk

**216 million** cases a year  
An increase of 5 million cases in comparison to 2015

**445,000** deaths each year  
91% of which in Africa

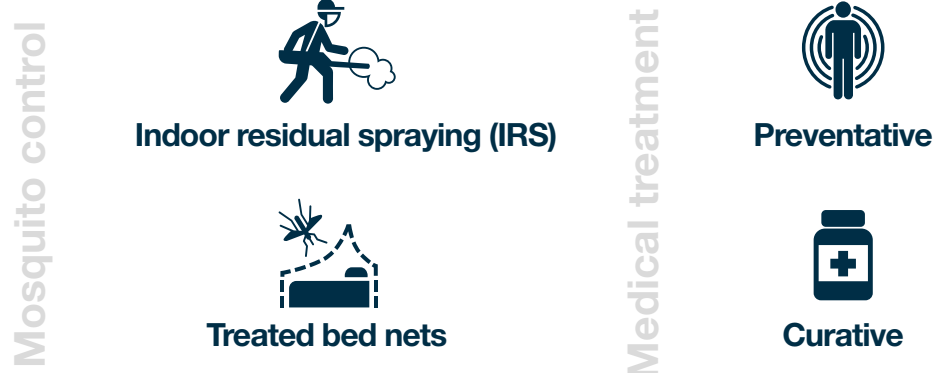
**30** child deaths every hour

### Regions at Risk



**91 countries and territories**  
High risk for 1.1 billion people

### Existing Solutions to Fight Malaria



**100 million** people protected by indoor residual spray in 2016

**53% of the population** in Africa slept under a treated bed net in 2016 compared to 30% in 2010

### Progress 2000-2016

**+** Almost 60% decrease in the mortality rate  
**7 million lives saved**

**4 out of every 5** cases averted thanks to vector control interventions

Since 2010 Bayer has supplied product to protect over **180 million people**

### On Alert: Insecticide Resistance

**Evolution of mosquitoes**

**Insecticide resistance:** widespread resistance to the only insecticide used on nets, resistance to other insecticides developing, rapidly worsening situation

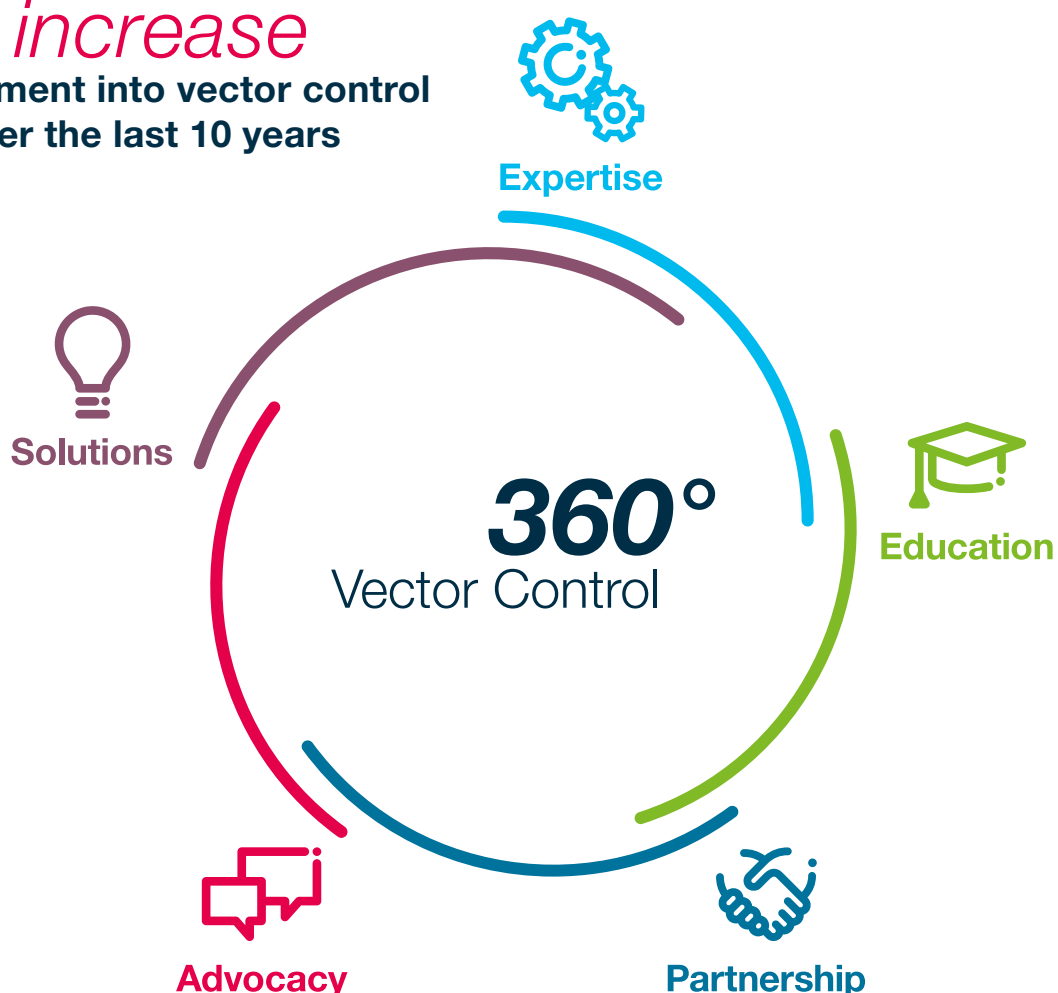
**Risk of malaria resurgence**



**DANGER:** effectiveness of vector control solutions could be lost

### Bayer's Involvement in the Fight Against Malaria

**5 fold increase** in our investment into vector control over the last 10 years



**Expertise:**

- // Over 60 years of expertise in vector control
- // A global team of over 50 people, with strong presence in Africa

**Solutions:**

- // A comprehensive portfolio of WHO-recommended solutions
- // Developing a new generation of vector control solutions incl Fludora® Fusion – new mode of action and first combination product for IRS
- // Continued investment to bring resistance-management tools on to the market
- // Investment into production capacities of vector control products in Africa, to improve supply within Africa

**Education:**

- // Proactively promoting and supporting safe use of malaria vector control solutions
- // Investment in the next generation of malaria scientists

**Partnership:**

- // Strong partnership with IVCC in solution development
- // Collaborating with international organizations, foundations, and governments, and participating in numerous task forces

**Advocacy:**

- // Awareness campaigns, influencing public policy and resource allocation > media campaigns and tools, public speaking, committee work, publishing research, ...