

# 68TH SESSION OF THE WHO REGIONAL COMMITTEE FOR EUROPE

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## Implementation of the Regional Framework for Surveillance and Control of Invasive Mosquito Vectors and Re-emerging Vector-borne Diseases 2014–2020: lessons learned and the way forward

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# Regional Framework for Surveillance and Control of Invasive Mosquito Vectors and Re-emerging Vector-borne Diseases 2014–2020



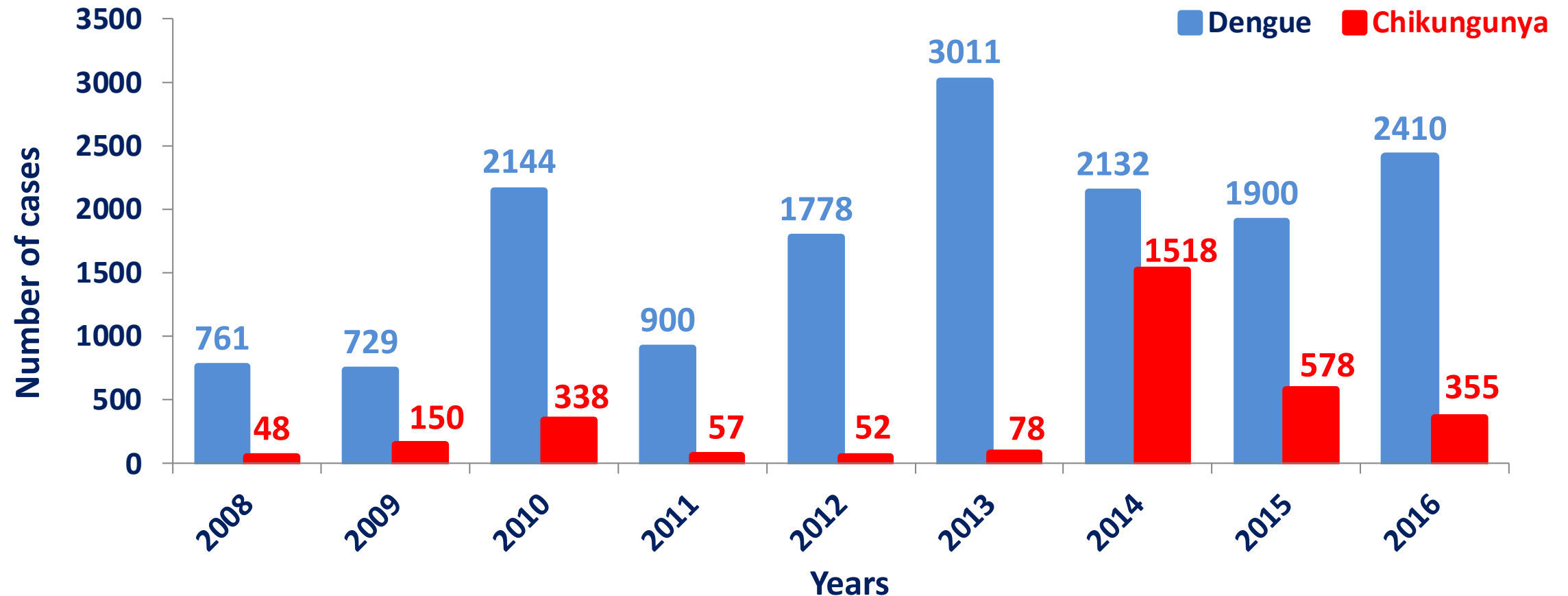
## Invasive mosquito vectors addressed

- *Aedes albopictus*
- *Aedes aegypti*

## Re-emerging vector-borne diseases addressed

- Dengue
- Chikungunya

# Number of imported dengue and chikungunya cases

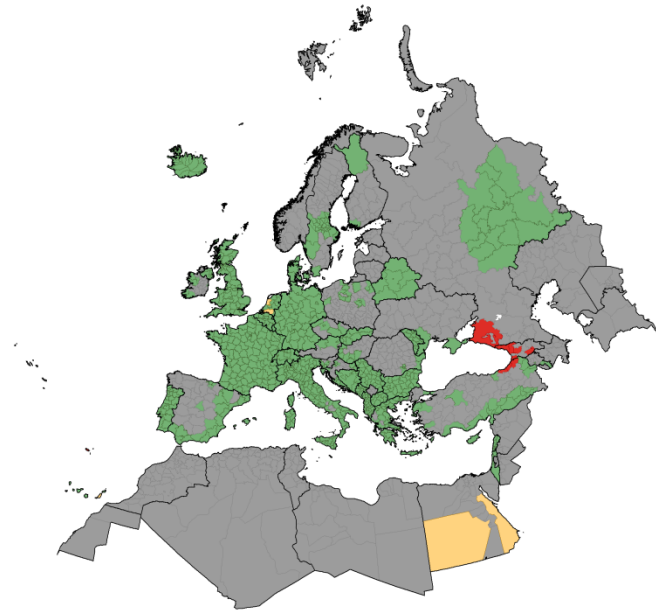


# West Nile fever cases in the WHO European Region, 2008–2018

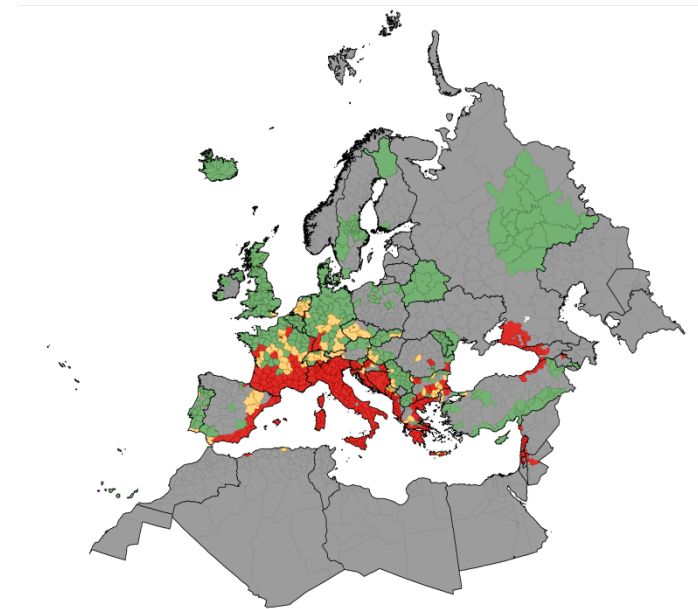


Sources: WHO Regional Office for Europe  
European Centre for Disease Prevention and Control

# The risk of (re-)emerging VBDs is increasing in the WHO European Region – *Aedes* mosquitoes are spreading



***Ae. aegypti***  
**Jun 2018**



***Ae. albopictus***  
**Jun 2018**

## Legend

- Established
- Introduced
- Absent
- No data
- Unknown

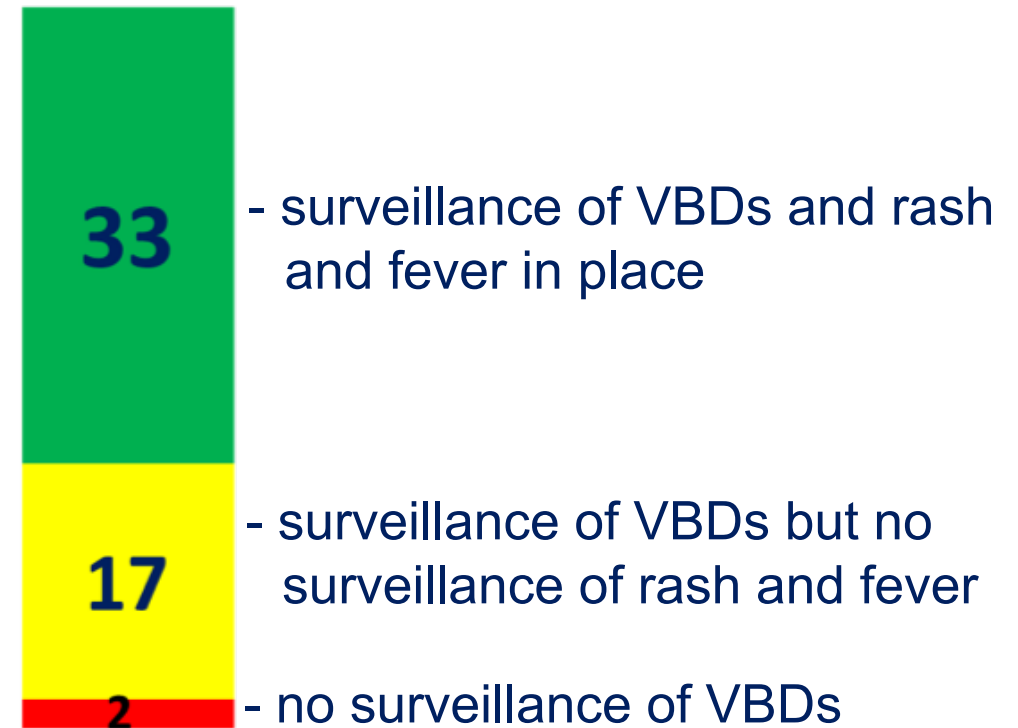
Sources of the maps: <https://ecdc.europa.eu/en/disease-vectors/surveillance-and-disease-data/mosquito-maps>, 2018

# An overview of implementation of the Framework

## Integrated vector management





## Clinical surveillance of VBDs



\* Based on *Zika virus, Interim risk assessment in the WHO European Region, May 2016*

# Building capacity including technical guidance

 World Health Organization  
REGIONAL OFFICE FOR Europe



By: Henk van den Berg  
Francis Schaffner

Training curriculum on  
invasive mosquitoes and  
(re-)emerging vector-  
borne diseases in the  
WHO European Region



- State-of-the-art methods of control are described
- Four scenarios outlined:
  - ❖ vector not established
  - ❖ vector locally established
  - ❖ vector established or native
  - ❖ local disease transmission
- Strategies for each scenario described

Manual for prevention of establishment, and control, of mosquitoes of public health importance, with special reference to invasive mosquitoes, in the WHO European Region

# Communication activities

The screenshot shows the WHO Europe website page for Zika virus. The page is in English and features a navigation bar with 'Home', 'Health topics', 'Countries', 'Publications', 'Data and evidence', 'Media centre', and 'About us'. The main content area includes a 'Zika virus' section with a 'ZIKA' graphic, a 'Top story' section with a video thumbnail, 'Questions and answers', 'Technical information', and 'New publication' sections. The footer contains contact information for the WHO Regional Office for Europe and social media links for Facebook, Instagram, Twitter, and YouTube.

## STOP BREEDING MOSQUITOES

The screenshot shows the Croatian public health website 'Biram zdravlje'. The page is in Croatian and features a navigation bar with 'NASLOVA', 'USLUGE', 'SLUŽBE', 'ZDRAVLJE', 'PUBLIKACIJE', 'VIDEO GALERIJA', 'PROGRAM I PROJEKTI', 'PROMO MATERIJALI', and 'KAMPANJE'. The main content area includes a 'Prestanimo uzgajati komarce' section with a video thumbnail, a 'VIDEO ISJEČCI' section, and a '3D KOMARAC' section. The footer contains contact information for 'Biram zdravlje' and social media links for Facebook, Instagram, Twitter, and YouTube.

The poster features the WHO logo and the text 'World Health Organization REGIONAL OFFICE FOR Europe'. The main text reads: 'Zika virus and emerging mosquito - borne diseases: The European emergency risk communication challenge'. Below this, it says 'A response guide'. The poster includes a large red mosquito illustration and a globe with people icons.



# Lessons learned and the way forward

- Strong political commitment supported by adequate human and financial resources
- Strengthening surveillance, monitoring and evaluation
- Vigilance/increasing awareness of health-care workers
- Strengthening collaboration within and across various sectors
- Engaging and mobilizing communities
- Enhancing cross-border collaboration

RC68 is requested to guide the Secretariat  
on the SCRC's proposal

**Accelerating implementation of the Regional Framework and addressing  
other vector-borne diseases of concern on the basis of a disease-specific  
and subregional approach**



Thank you very much for your attention

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World Health  
Organization

REGIONAL OFFICE FOR  
Europe



Organisation  
mondiale de la Santé

BUREAU RÉGIONAL DE L'  
Europe



Weltgesundheitsorganisation

REGIONALBÜRO FÜR  
Europa



Всемирная организация  
здравоохранения

Европейское региональное бюро