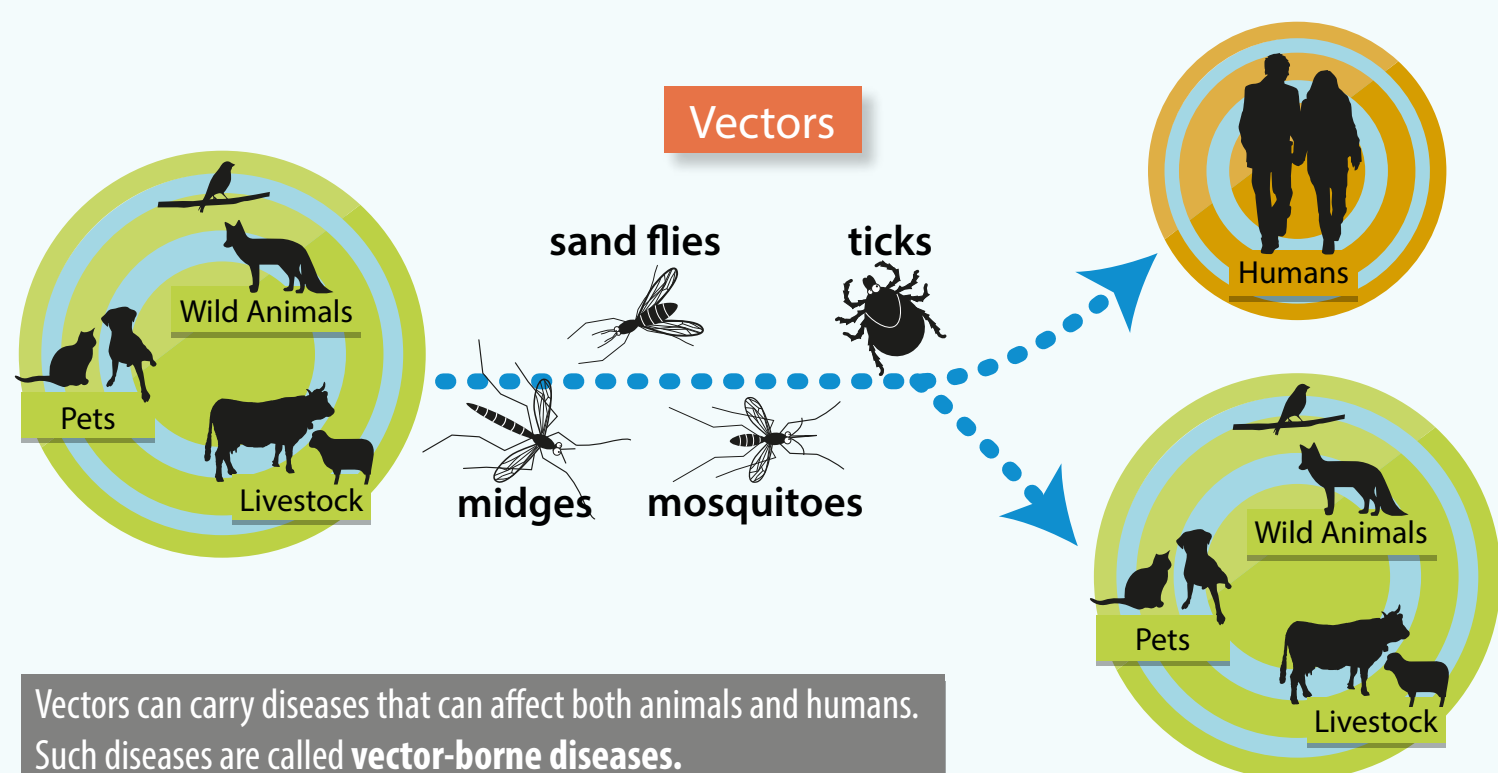
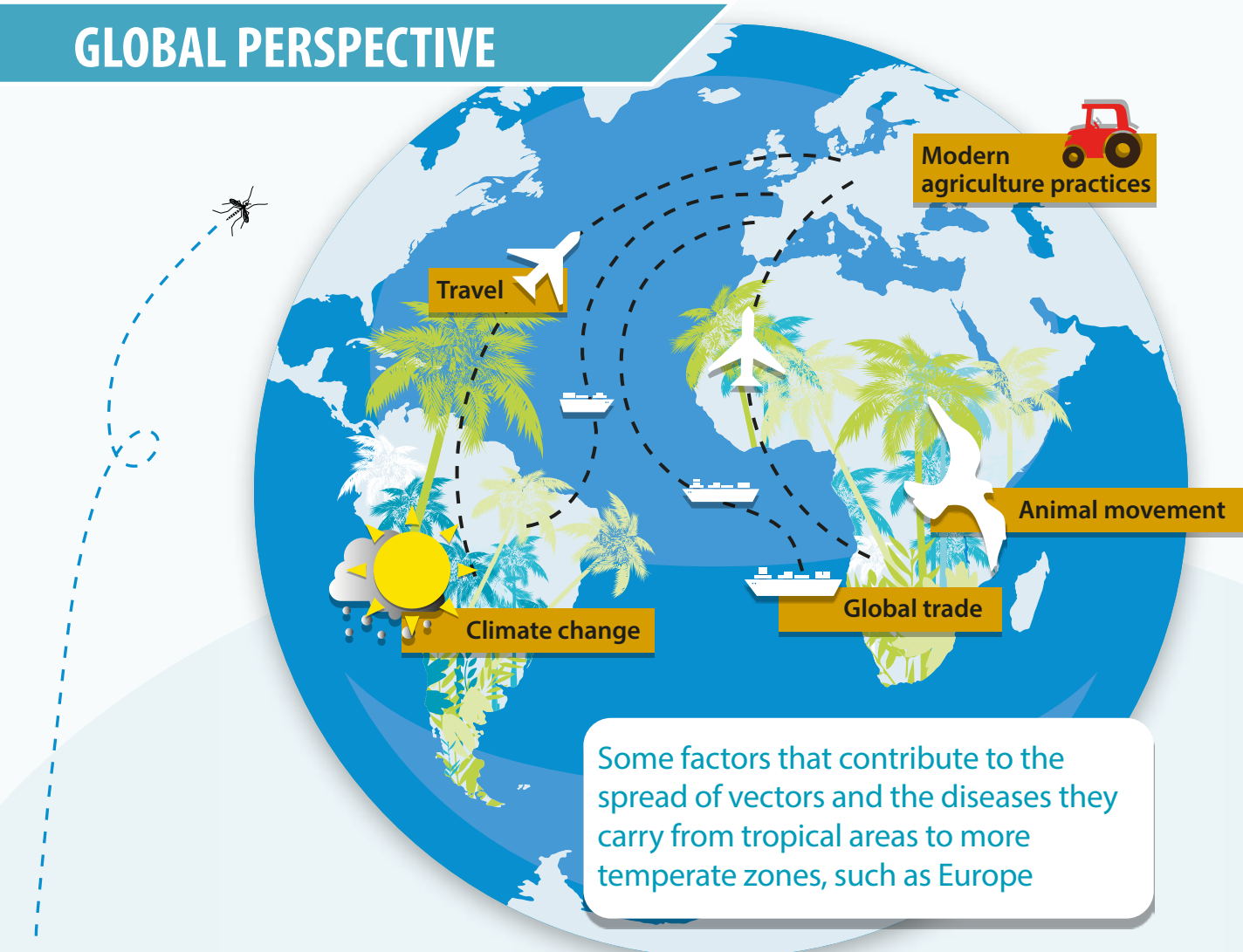


# VECTOR-BORNE DISEASES

## WHAT ARE VECTOR-BORNE DISEASES?



## GLOBAL PERSPECTIVE



## EFSA'S WORK

### Monitoring the possible presence of vectors in the EU

#### CULEX PAPIENS

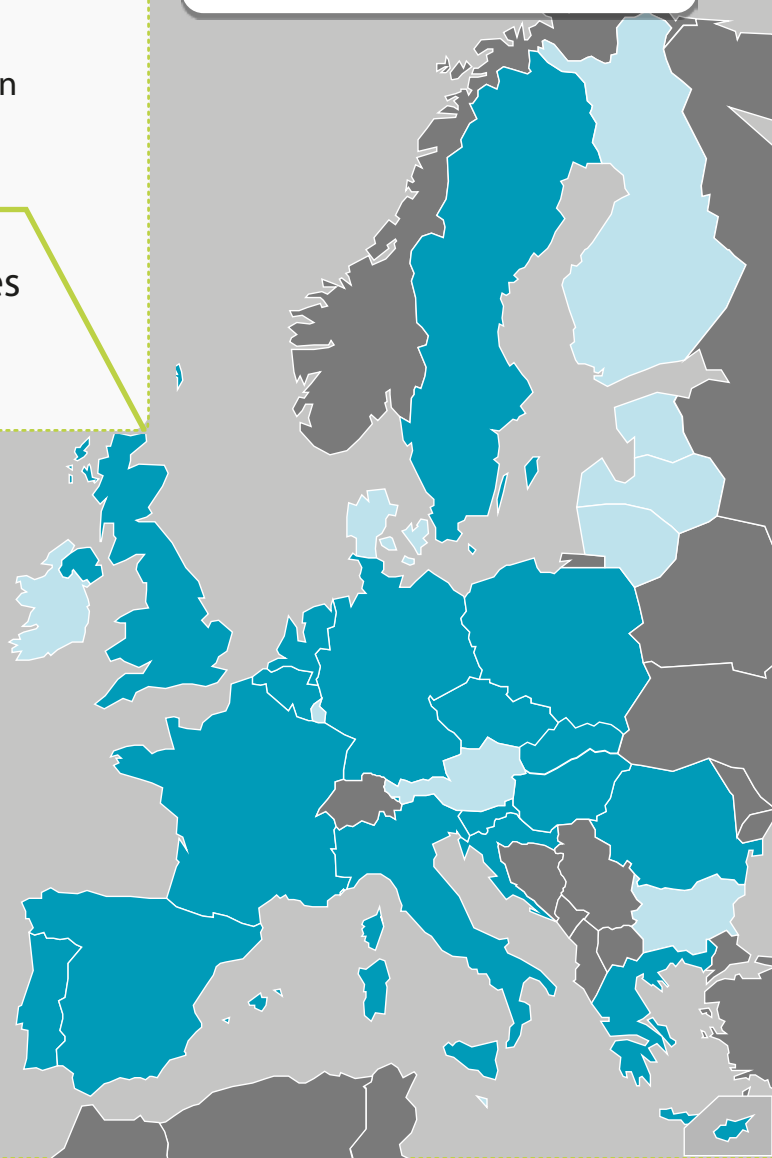
is a species of blood-feeding mosquito widespread in Europe.

Recorded presence in

**18**

out of 28 EU Member States

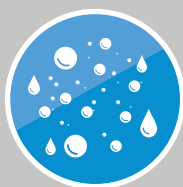
Recorded presence of *Culex pipiens* in EU Member States



To predict where this mosquito is likely to be, EFSA analyses:



TEMPERATURE



HUMIDITY AND RAINFALL



HABITAT



RECORDED PRESENCE by Member States

Monitoring vectors and vector-borne diseases can help inform decisions to **prevent the spread of these diseases** and **reduce their impact** on public health and the EU economy



HIGHER HEALTH CARE COSTS



CULLING OF ANIMALS



CLOSURE OF FARMS



TRADE BANS

## SCIENTIFIC COOPERATION

EFSA's work on vector-borne diseases in cooperation with the other partners will help increase the understanding of these diseases and improve the EU response capacity to new outbreaks.

Jointly, EFSA and ECDC collect data on vectors and vector-borne diseases and analyse their spread in the European Union.