

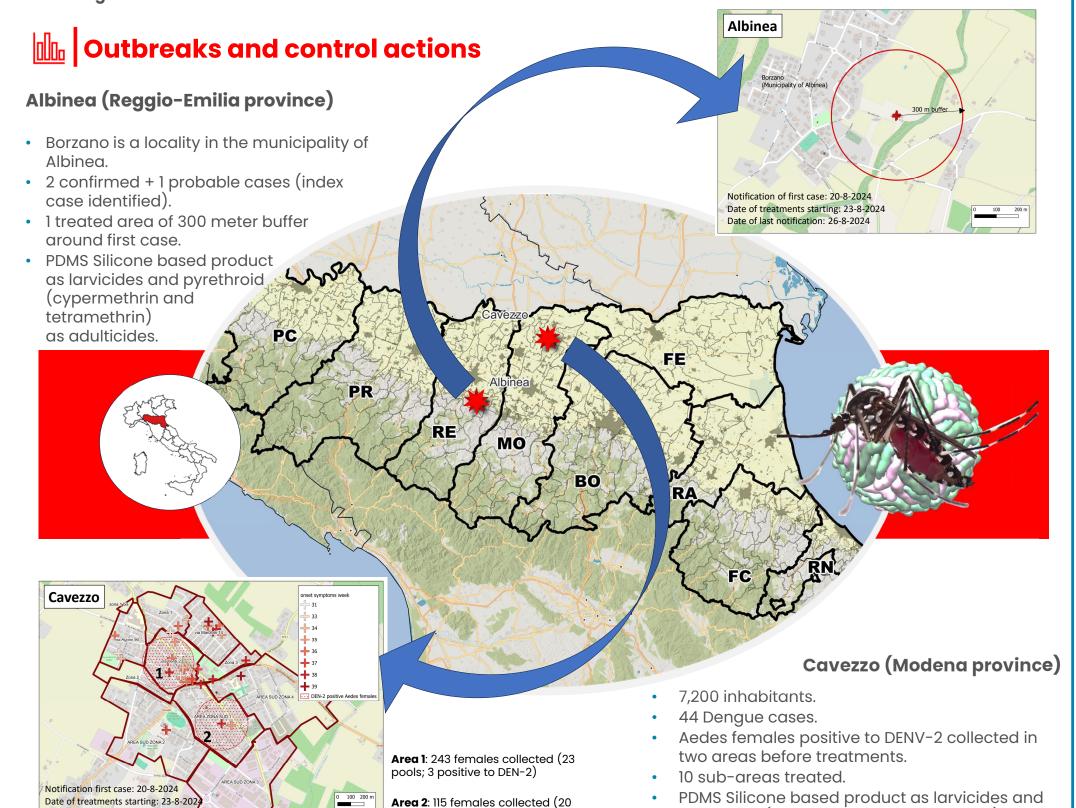
## Aedes albopictus suppression during two Dengue outbreaks in the Emilia-Romagna region (Italy) in 2024

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In the summer 2024, two Dengue serotype 2 outbreaks occurred, in the Emilia-Romagna region (Northern Italy), one in the municipality of Cavezzo and the other in the municipality of Albinea (locality of Borzano). In both contexts Aedes albopictus control measures provided by the Regional Plan for the Surveillance and Control of Arboviruses were promptly activated including: public communication, larvicidal and adulticidal treatments both in public and private (door-to-door) areas, breeding sites removal in the territorial sectors into which the urban areas were divided.

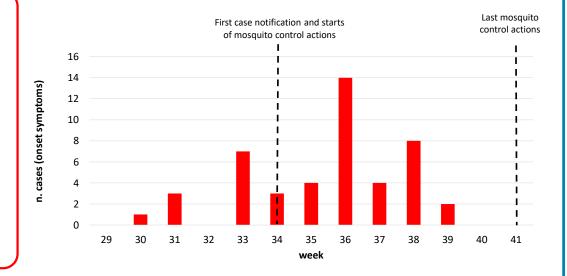


## **f** Discussion

Date of last notification: 5-10-2024

**The outbreak of Albinea (Borzano)** was stopped immediately following notification of the index case (imported).

In Cavezzo, the index case (imported) was not found and retrospectively it has been possible to clarify that the first notification was received 4 weeks after the start of the epidemic event. The vector control treatments were started within 48 hours from the first notification and the synergy between pest control operators, entomologists, public health, citizens and the local administration was critical for the rapid containment of the outbreak.



adulticides.

pyrethroid (deltamethrin and prallethrin) as







pools; 1 positive to DEN-2)

