

# ROADMAP TO ADVANCE DENGUE PREVENTION AND CONTROL IN APEC ECONOMIES 2026-2030

## Vision



To achieve by 2030 an APEC region where dengue is no longer a major public health threat, driven by collaborative policies, sustained investment, and innovation in regionally coordinated prevention, surveillance, control and treatment measures, tailored to local contexts, thereby underpinning sustainable growth and well-being for all.

## Objectives

- 01** Guide economies to sustain funding and implement robust measures tailored to their local contexts and epidemiological profiles.
- 02** Accelerate APEC's efforts to drive research, development, use and innovation for new dengue tools, and harmonize best practices for integrated dengue control.
- 03** Promote multi-sectoral & public-private partnerships to ensure effective and long-term sustainability of dengue prevention & control programs
- 04** Strengthen regional cooperation for coordinated surveillance and collective dengue response.

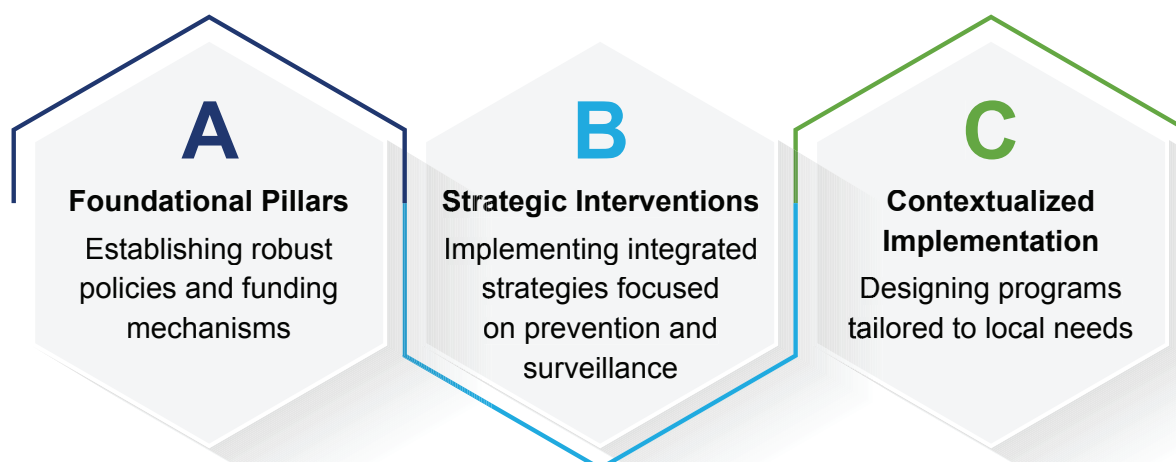
## Milestones by 2030

Reduction of preventable dengue deaths to **0%**

A **25% reduction** in dengue incidence and disease burden by 2030.

At least **75% of APEC economies** are able to detect and respond to dengue outbreaks to prevent further spread.

## Focus areas



# Overview of Key Actions for APEC Dengue Roadmap 2026 - 2030

## Foundational Pillars

**A1**

### **Robust Policy & Legislation**

- 1.1. Establish policies & legislations to build and strengthen dengue action at the domestic level
- 1.2. Introduce robust oversight mechanisms for policy enforcement

**A2**

### **Multisectoral Collaboration**

- 2.1. Enhance inter-ministerial mechanisms to address dengue across its outbreak cycle
- 2.2. Promote multisectoral partnerships to advance dengue prevention and control efforts
- 2.3. Foster comprehensive capacity building for effective dengue prevention and control
- 2.4. Strengthen coordination of operational support, logistics, and supply chain management to support dengue action

**A3**

### **Sustainable Funding Mechanisms**

- 3.1. Ensure dedicated domestic financing for dengue activities
- 3.2. Explore and engage external sources of funding to supplement dengue action

**A4**

### **Regional & International Cooperation**

- 4.1. Advance regional collaborations, knowledge-sharing, and capacity building for dengue action
- 4.2. Promote regional cooperation for joint dengue control initiatives

**A5**

### **Research, Development, & Innovation**

- 5.1. Develop the domestic research agenda to promote the development of innovative technologies across dengue and arboviruses
- 5.2. Advance research and development of dengue preventive and control technologies
- 5.3. Drive the validation, adoption and optimized implementation of dengue innovations

## Contextualized Implementation

**B6**

### **Multi-pronged & Integrated interventions**

- 6.1. Strengthen and embed integrated vector control (IVC) activities into public health programs.
- 6.2. Promote flexible and targeted dengue immunization strategies
- 6.3. Improve early detection & clinical management of dengue cases

**B7**

### **Robust Surveillance**

- 7.1. Strengthen One Health coordination of passive and active surveillance across epidemiological, entomological, and laboratory systems
- 7.2. Strengthen active local laboratory-based surveillance and surveillance workforce capacity to anticipate and respond to outbreaks
- 7.3. Enhance genomic surveillance to monitor evolution of dengue virus, serotype shifts and emerging variants

## Strategic Interventions

**C8**

### **Context-specific program design**

- 8.1. Focus dengue prevention and control activities in rapidly urbanizing areas
- 8.2. Adapt interventions to local epidemiological profiles and sociocultural contexts

**C9**

### **Empowerment of Local Authorities & Communities**

- 9.1. Proactively involve local authorities and communities in planning and response to dengue threat at all levels
- 9.2. Foster risk communication and cross-sharing of best practices with local communities
- 9.3. Secure policy and financial empowerment for local dengue control

**C10**

### **Context-specific program design**

- 10.1. Identify vulnerable communities and empower them to advance dengue response efforts
- 10.2. Drive inclusive dengue strategies that ensure participation from populations at-risk
- 10.3. Integrate gender-sensitive considerations into dengue strategies

Scan here to access  
the full Roadmap

