

COP30  
**BRASIL**  
AMAZÔNIA  
BELÉM 2025



**ONU**   
programa para o  
meio ambiente

**# BEAT  
THE  
HEAT**

*Participating  
Cities  
Assessment*

**JUNE 2026**

**Extreme temperatures reaching  
40°C and even 50°C  
are becoming increasingly  
frequent worldwide.**





# Beat the Heat

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- Led by the COP30 Presidency and the United Nations Environment Programme (UNEP), with its official launch at COP30
- Serves as an implementation platform for the Global Cooling Pledge
- Aims to accelerate sustainable cooling solutions and strengthen resilience to extreme heat
- Consolidating a Plan to Accelerate Solutions (PAS) under Pillars 1 and 4 of the Global Climate Action Agenda

**258** cities globally

**105** cities in Brazil

**+100** partners



# Beat the Heat in Brazil

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- Integrated with Brazil's Green and Resilient Cities Program (led by the Ministry of Environment and Climate Change)
- The 105 participating Brazilian cities represent 26 states and 20 state capitals
- Many participating cities are also engaged in initiatives such as AdaptaBrasil and the Green and Resilient Cities Program

# Assessment Coverage

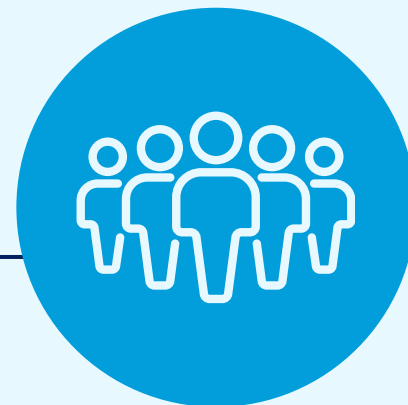
53

Brazilian cities  
participated in  
the survey



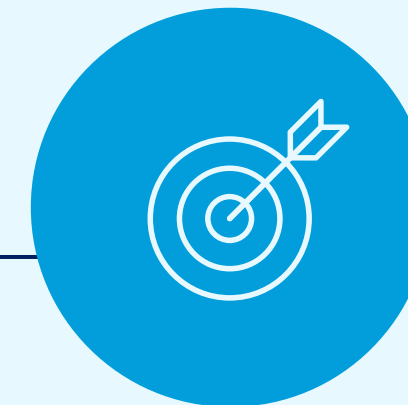
50M

residents  
represented across  
participating  
municipalities








7M

people could directly  
benefit from planned  
actions and  
interventions



## Cities by Region



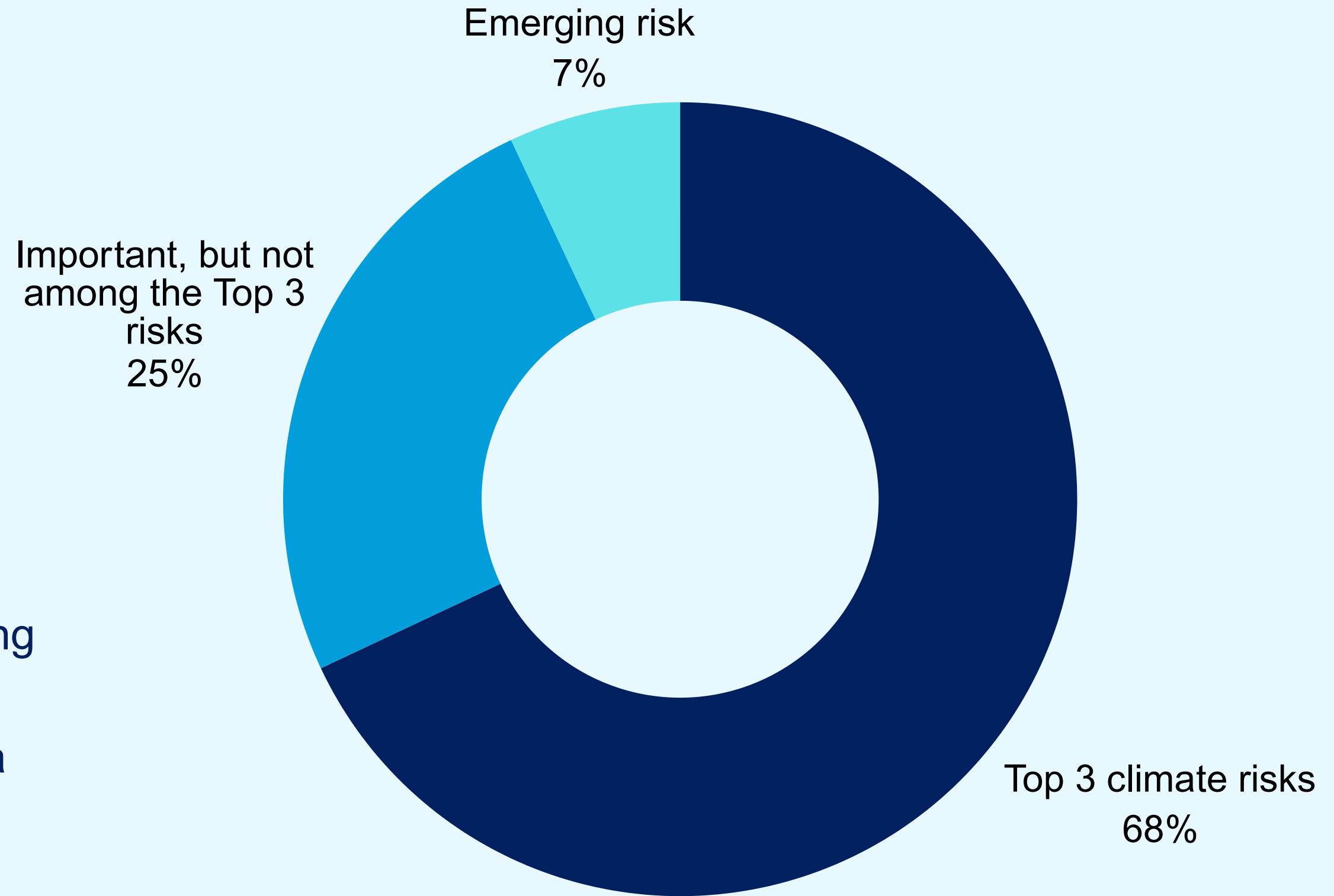
-  Southeast
-  Northeast
-  North
-  South
-  Central-West

## Cities by Bioclimatic Zone



-  5A – Warm and Humid
-  3B – Mild and Dry
-  6A – Very Hot and Humid
-  2M – Cold with Moderate Winters
-  4B – Slightly Hot and Dry
-  3A – Mild and Humid
-  4A – Slightly Hot and Humid
-  2R – Cold with Severe Winters
-  1M – Very Cold with Moderate Winters
-  6B – Very Hot and Dry
-  5B – Hot and Dry

# Perception of Heat as a Risk



**68%** rank extreme heat among their top three climate risks.

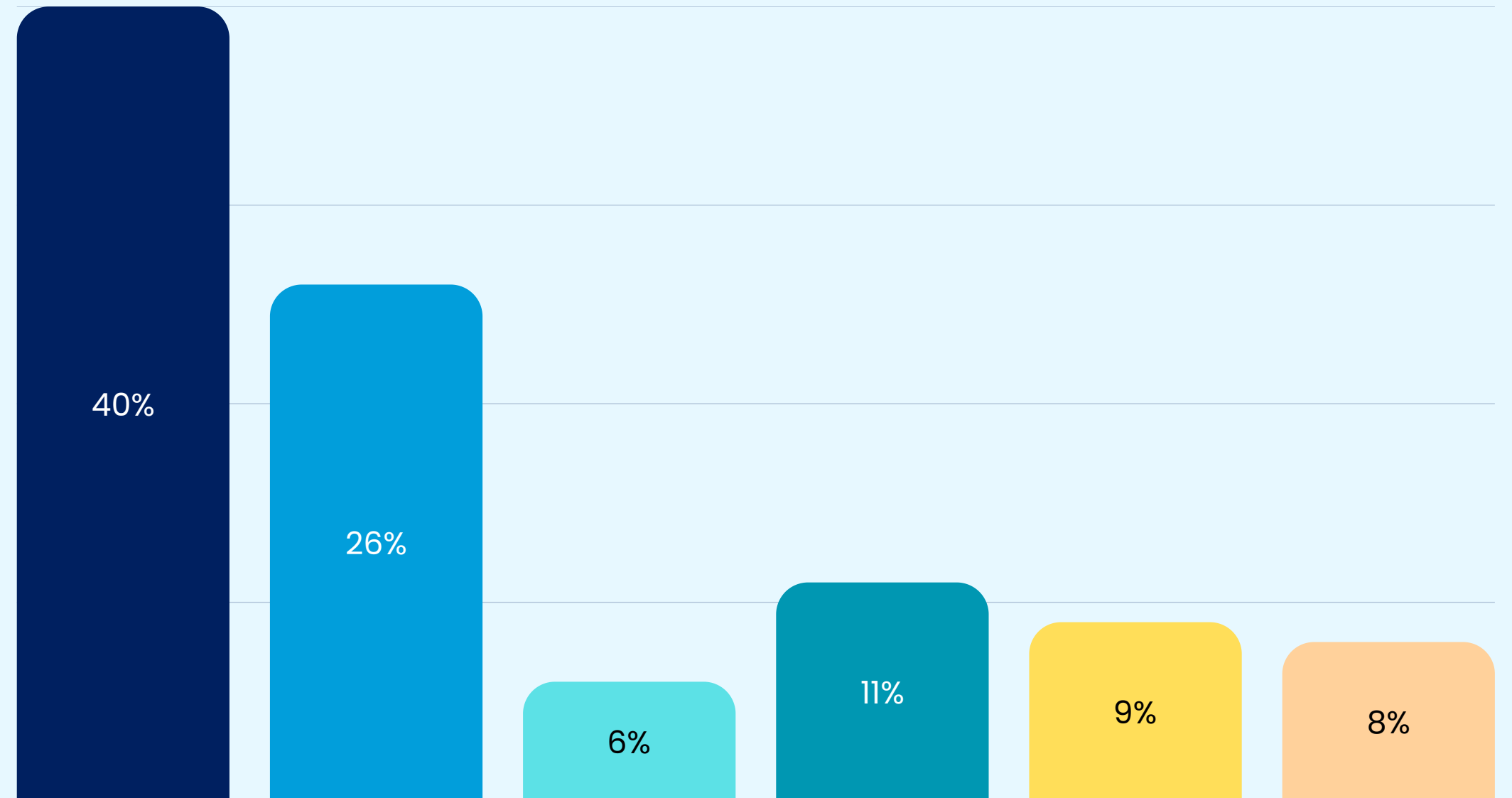
**93%** consider extreme heat a significant risk.

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# Current Stage of Heat Action Planning

- Not Yet Started
- Planning or Initial Heat Mapping Underway
- Heat Mapping Completed, No Vulnerability Assessment Conducted
- Heat Mapping and Vulnerability Assessment Completed
- Heat Action Plan Developed
- Heat Response Measures Being Implemented or Institutionalized

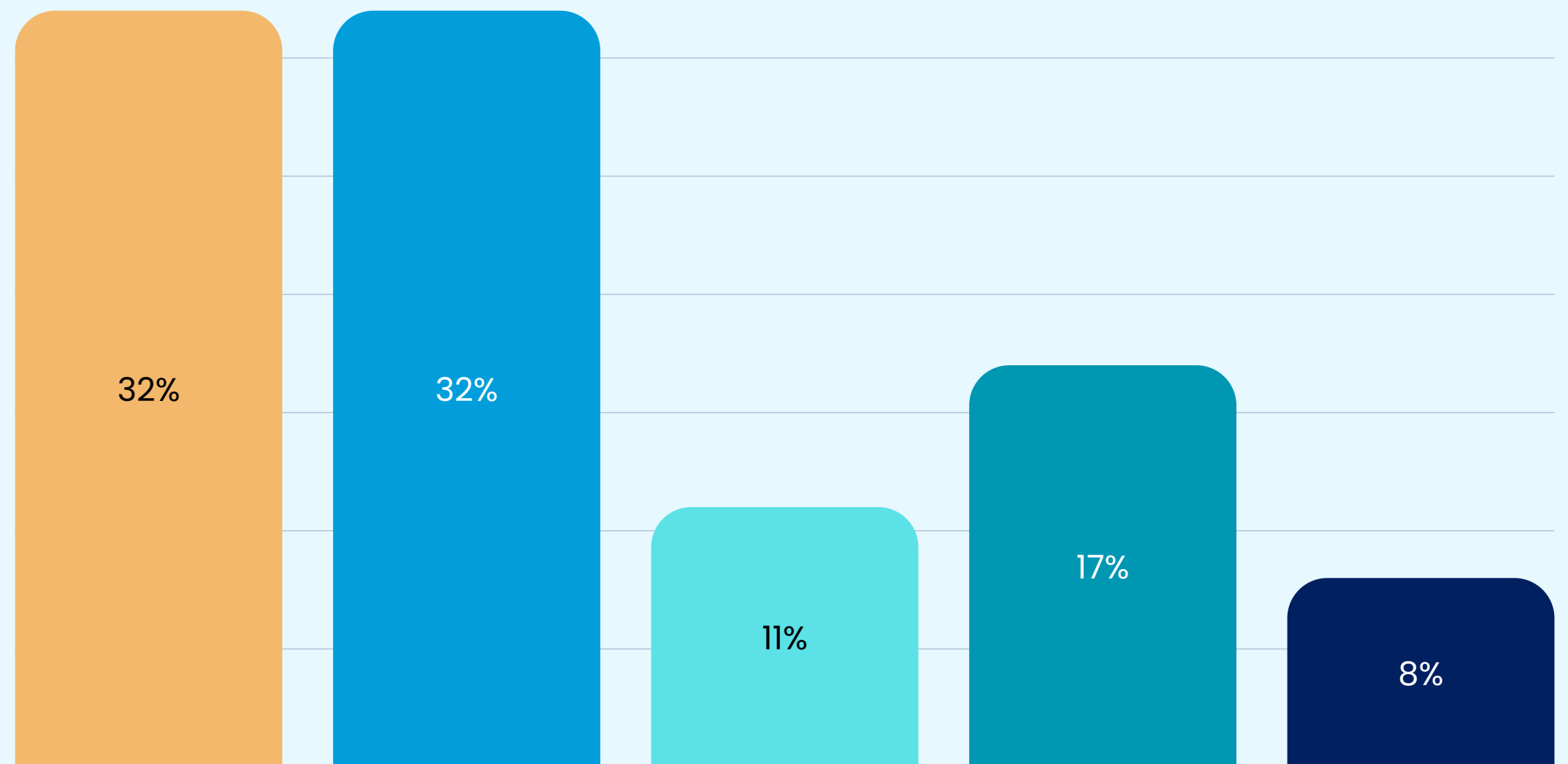
**66%** have not yet started or are still in the early stages of planning.



# Current Stage of Data Access and Use

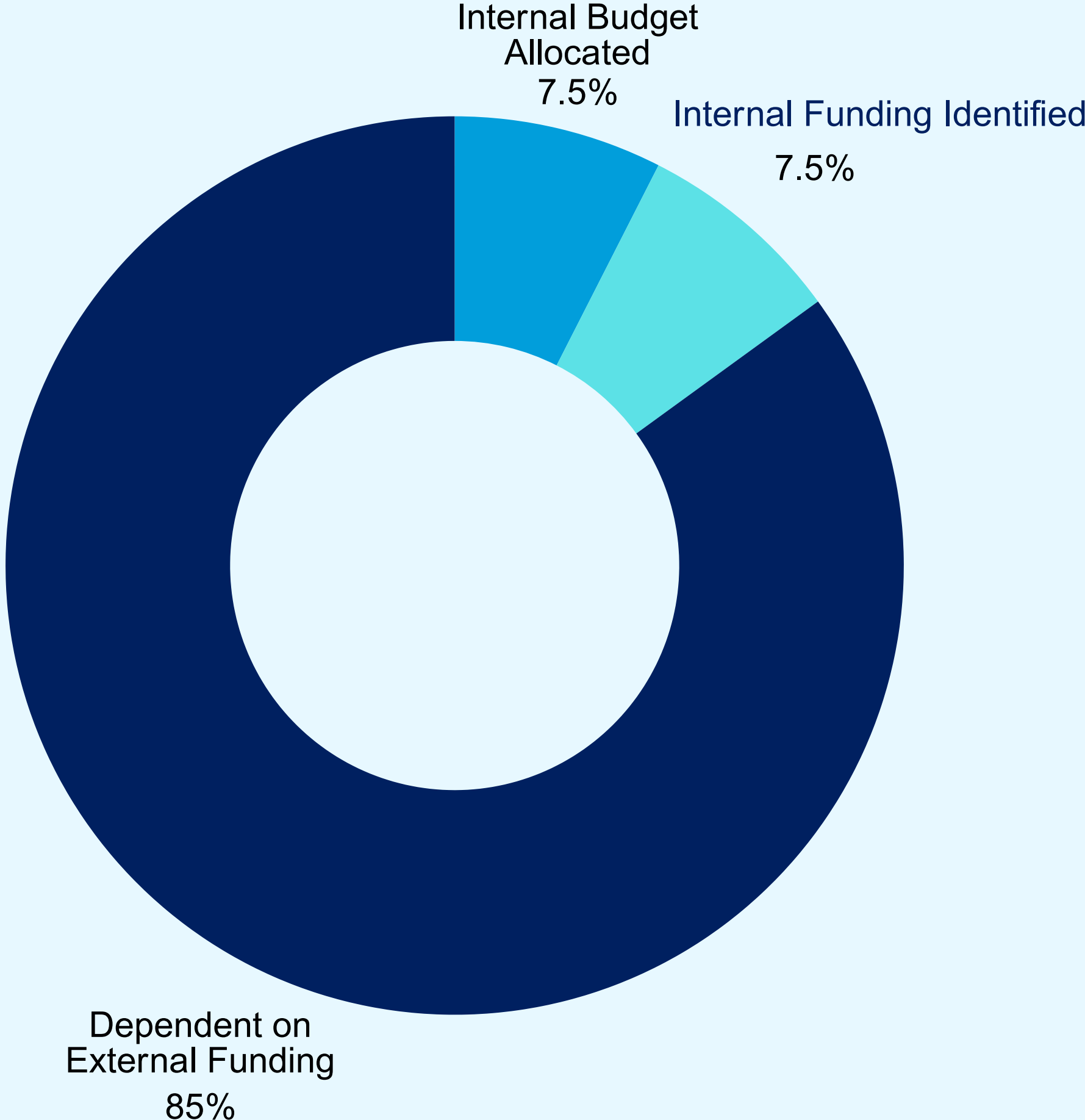
75% do not yet have access to heat-related data or do not use it in municipal decision-making and risk management.

- No Heat-Specific Data Available
- Basic Data Available, Not Yet Ready for Decision-Making
- Municipal Data Available, but Not Regularly Used
- Data Used for Planning and Risk Management
- Integrated Heat Data Systems in Operation



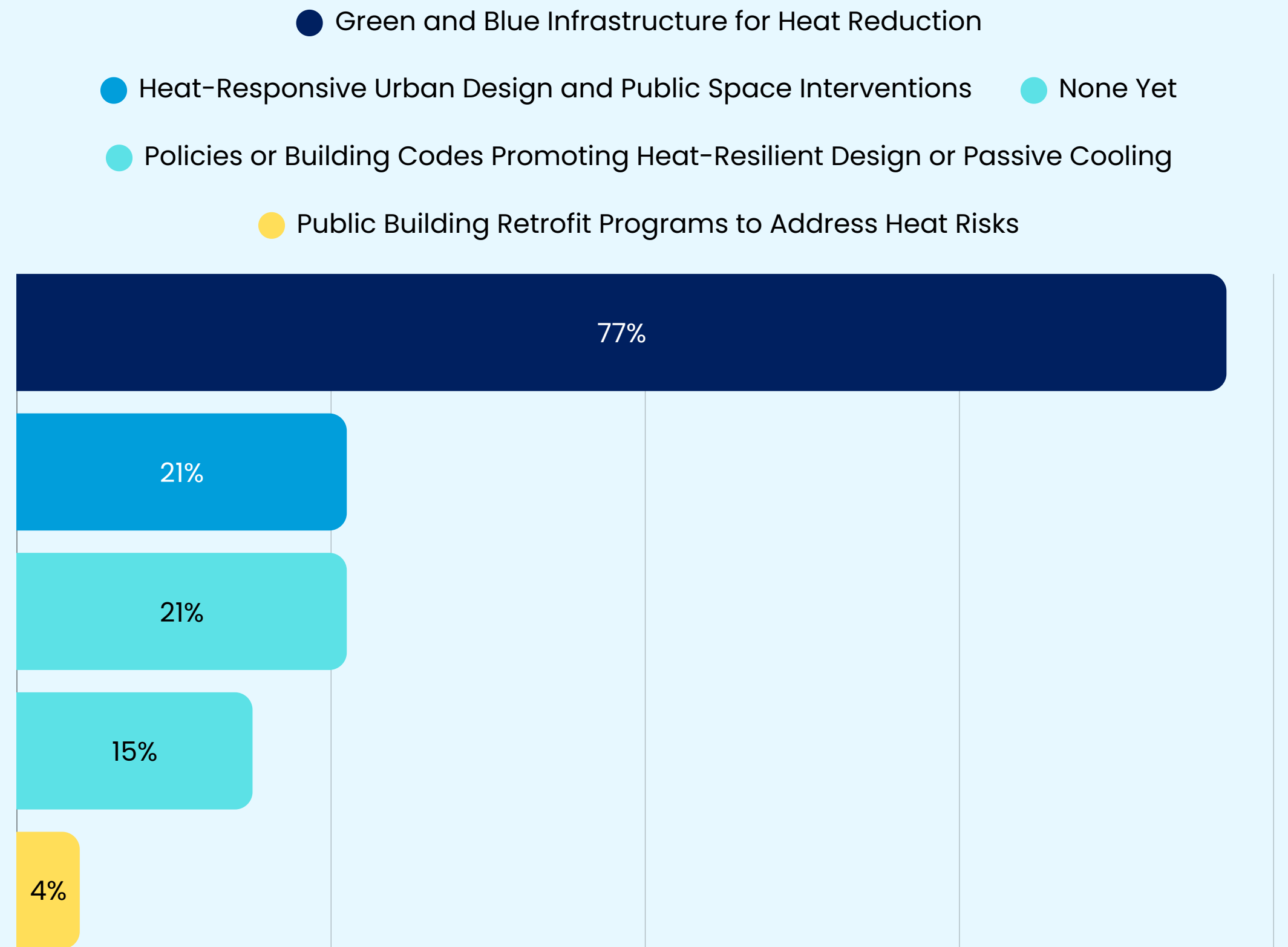
# Financial Readiness for Implementation

The vast majority of cities **depend on external support to implement heat resilience measures.**



# Current Stage – Approaches Already Explored or Implemented

Nearly 80% of cities have already implemented green and blue infrastructure to reduce heat, but passive cooling measures in buildings remain largely underutilized.



\*Múltiplas opções de resposta.

# Key Findings



## High Risk Awareness, but Limited Response Readiness

Most cities already recognize extreme heat as a critical risk. However, the majority remain in the early stages of planning and implementation.



## Action Focused on Familiar Solutions, with Gaps in Data and Efficiency

Green infrastructure leads current efforts, while the use of data, risk-based prioritization, and solutions related to buildings, cooling efficiency, and public procurement remain limited.



## Structural Barriers Continue to Constrain Progress

Financial constraints and limited technical capacity are the primary challenges, with most cities relying heavily on external support to implement and scale actions.

# Beat the Heat Action Priorities

01

## Data



Heat mapping, vulnerability assessments, and data-driven analysis to support informed decision-making.

02

## Heat Action Plans



Development of heat action plans, integration with sectoral plans, and establishment of early warning and contingency systems.

03

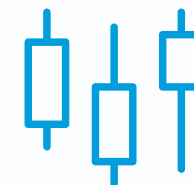
## Nature-Based and Passive Cooling Solutions



Project planning and design, implementation support, and connections to financing opportunities.

04

## Financing



Access to funding opportunities, grant programs, and financial mechanisms to support implementation and scale-up of heat resilience actions.

# Recent Progress and Global Momentum



**3rd Green and Resilient  
Cities Program Meeting**



**Global 50@50  
Campaign**

**Together, we can prepare  
cities for a cooler, safer, and  
more resilient future.**

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