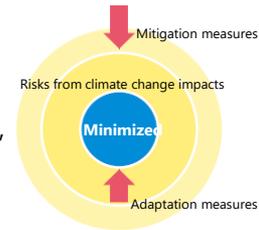


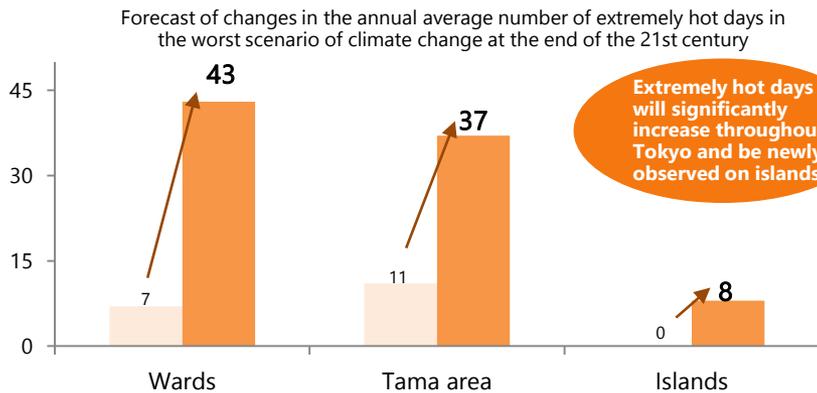
# Outline of Tokyo Climate Change Adaptation Policy

## Purpose and positioning of the policy

- Severe impacts of climate change, such as extreme heat and heavy rains in recent years, have already affected our daily lives.
  - Necessity of working on **adaptation measures** to avoid or reduce damage caused by the climate change impacts as well as mitigation measures to reduce CO<sub>2</sub> emissions
- Present **approaches for avoiding or reducing damage in a wide range of fields**, including natural disasters, health, and agriculture, forestry, and fisheries, taking into account the climate change impacts in Tokyo.
  - A policy that summarizes current approaches for **formulating Local Climate Change Adaptation Plans** based on the Climate Change Adaptation Act



## Forecast of future changes in climate and weather



## Basic approaches to adaptation

- Implement climate change adaptation into all of TMG's initiatives.
- Promote climate change adaptation based on scientific knowledge.
- Support local efforts in cooperation with municipalities.
- Promote dissemination of information, including risks, to facilitate understanding of Tokyo residents.
- Promote international cooperation in C40 and other organizations to accelerate intercity collaboration.

## Typical examples of initiatives in each field

Natural disasters	<ul style="list-style-type: none"> <li>✓ Maintain regulating reservoirs to achieve capability of 65 or 75 mm/hour.</li> <li>✓ Develop stormwater storage facilities to enhance stormwater drainage capacity of sewerage systems.</li> <li>✓ Promote the removal of utility poles to be better prepared for natural disasters, such as increasingly larger typhoons.</li> <li>✓ Ensure broader spread of "Tokyo My Timeline."</li> <li>✓ Flood control in large underground malls and subways.</li> <li>✓ Raise public awareness of disaster preparedness through "plain Japanese."</li> </ul>	  Removal of roadside utility poles
Health	<ul style="list-style-type: none"> <li>✓ Promote urban greening to mitigate heat.</li> <li>✓ Leverage knowledge of heat countermeasures at the Tokyo 2020 Games as a legacy.</li> </ul>	
Agriculture, forestry and fisheries	<ul style="list-style-type: none"> <li>✓ Develop robust agricultural facilities that can withstand increasingly larger typhoons and better cope with extreme heat.</li> </ul>	
Water resources and water environment	<ul style="list-style-type: none"> <li>✓ Properly manage water conservation forests.</li> <li>✓ Introduce purification technologies capable of correctly responding to changes in raw water quality.</li> </ul>	
Natural environment	<ul style="list-style-type: none"> <li>✓ Formulate a biodiversity strategy taking into account climate change impacts.</li> </ul>	

## Implementation system

- Formulate an adaptation plan based on the law by the end of FY 2020 and make sure adaptation measures are promoted by collaborative efforts throughout TMG.
- Establish Local Climate Change Adaptation Center based on the law.
  - \* The center is planned to be established within the Tokyo Metropolitan Research Institute for Environmental Protection.