

# Climate Emergency Declaration

- December 2019
- First prefecture in Japan to declare a climate emergency
- Go zero carbon by 2050



#### Climate Emergency Declaration "Go Zero Carbon by 2050"

Extreme weather events have been frequently affecting all parts of the world, including record-breaking heat waves, heavy rainfalls and large-scale droughts. The World Meteorological Organization (WMO) has announced that the extreme weather is consistent with the long-term global warming trends.

Typhoon Hagibis, which tore through Japan this October, caused massive damage to Nagano as well as many other parts in Japan. In recent years, it is said that climate change is a cause of frequent weather disasters in Japan.

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Climate change threatens the survival of human society on the earth. I have an impending sense of urgency that we will not be able to hand over a sustainable society to the next generations if we sit still and fail to act on the emergency.

Responding to the Paris Agreement adopted in December 2015, the Japanese Government formulated a long-term strategy, aiming for a Zero Carbon Society as the final goal.

Nagano Prefecture has spearheaded the efforts to fight the global warming, and hosted this year's G20 Ministerial Meeting on Energy Transitions and Global Environment for Sustainable Growth. We also announced to the world an urgent call for an action on the climate change, the Nagano Declaration on Partnership for Collaborative Action for Sustainable Development.

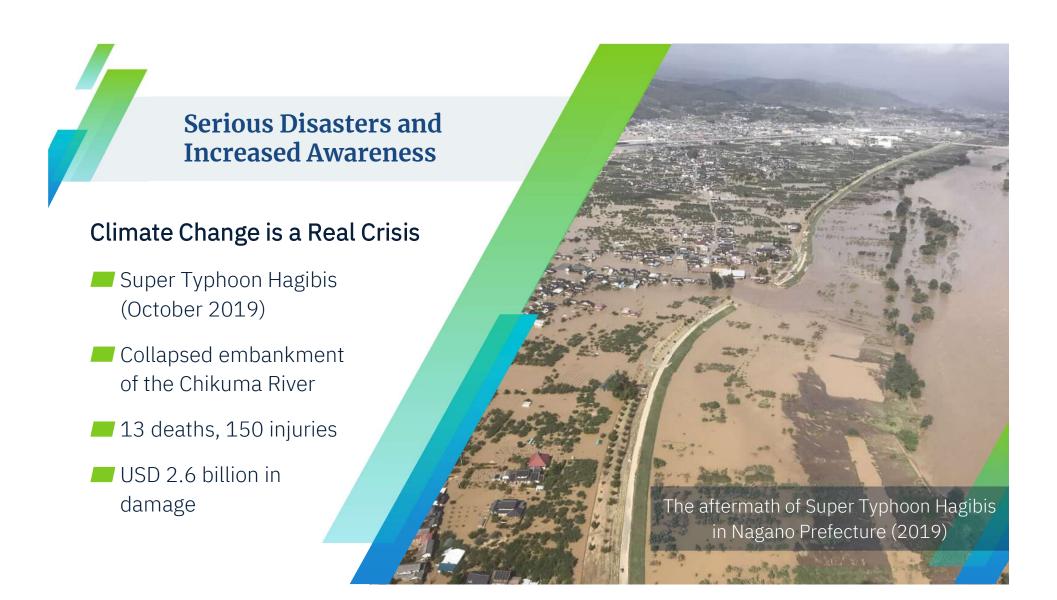
The international community has been stressing important roles that local governments and NGOs play in the climate change, and they expect Nagano Prefecture to lead the way.

Now is the time for us to respond to the climate change to protect the lives of future generations using two approaches: Mitigation to reduce the climate change, and Adaptation to build cities that are resilient to disasters

Therefore, we hereby declare climate emergency, and, with determination to achieve zero carbon emissions in 2050, we will unite all citizens of Nagano to promote complete proliferation of energy efficiency and renewable energy in the prefecture. We will also build a disaster-resilient region with independent and distributed energy systems, expecting sustainable development of Nagano Prefecture.

December 6, 2019

Governor of Nagano Prefecture ABE Shuichi



## Our Generation's Responsibility



Three Hakuba Village high school students present signatures to their mayor, calling for a climate emergency declaration

- Scientific knowledge that human activities cause climate change
- Mitigate and adapt to climate change
- Protect future generations



- The main efforts necessary to combat climate change are the responsibility of local governments
- International collaboration
- Partnership with central government and non-governmental organizations

## Climate Crisis Breakthrough Policies





















#### By 2050

- 1. Reduce CO<sub>2</sub> to net zero
- 2. Reduce final energy consumption by 70% (as compared to 2016)

Triple renewable energy production (as compared to 2016)

### **Efforts to Achieve Policies**















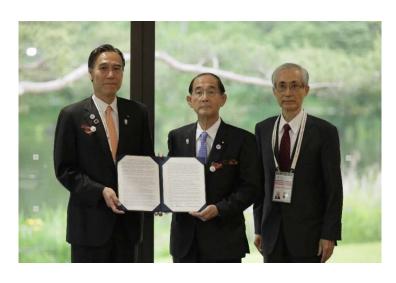






- Require inspections of renewable energy and sustainable energy performance for all new buildings
- Utilize the world's largest solar potential map to maximize the use of sunlight and heat in homes

## **Global Partnership and Collaboration**



With ICLEI Japan, presenting the Nagano Declaration on Partnership for Collaborative Action for Sustainable Development to the then Minister of the Environment, Mr. Harada

#### G20 Ministerial Meeting on Energy Transitions and Global Environment for Sustainable Growth

96 domestic and 35 foreign local governments and research institutions have endorsed the Nagano Declaration

(As of June 2019)