ACT NOW HONG KONG CAN REACH NET ZERO CARBON EMISSIONS BY 2050

WHY MUST WE ACT NOW AGAINST CLIMATE CHANGE

As recommended by the International Panel on Climate Change, we should not exceed 1.5 degrees of warming above pre-industrial levels globally. As of 2019, we are at 1.1 degrees.*



Source: NOAA Climate.gov * https://www.climate.gov/news-features/understanding-climate/climate -change-global-temperature

This is necessary to avoid irreversible consequences of climate change, which HK is not immune from.

In Hong Kong, this requires an annual emissions reduction of 6.6% to achieve decarbonization. In 2020, with a pandemic paralyzed economy, we are seeing roughly 7% decline* in emissions globally. However, a pandemic and its accompanying economic and human miseries is by no means the only path to achieving similar levels of decarbonisation.**

CO2

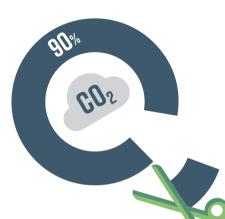


HK URGENTLY NEEDS TO SET PATHWAYS TO DECARBONIZE OUR ECONOMY

** High estimate from Nature Climate Change, https://www.nature.com/articles/s41558-020-0797-x

IT IS NOT TOO LATE

We can still prevent catastrophic climate crisis.



Hong Kong has the capacity to cut 90% of its carbon emissions by 2050 (relative to 2005 levels).



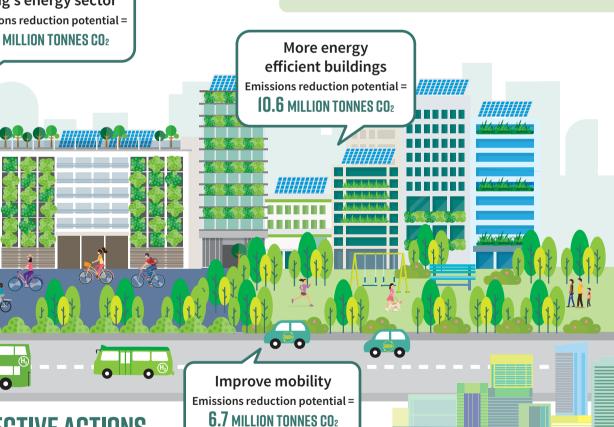
Unlike other cities, Hong Kong doesn't have a manufacturing economy so is relatively easier to decarbonize.

KEY ACTIONS TO REDUCE EMISSIONS

Decarbonize Hong Kong's energy sector Emissions reduction potential = 27 MILLION TONNES CO2

2050 HONG KONG TARGET EMISSIONS

Decarbonization Scenario 3.9 MILLION TONNES CO2e Current Policy Scenario 22 MILLION TONNES CO2e



WE NEED COLLECTIVE ACTIONS

WE WILL ENJOY A BETTER CITY

individuals act together. Hong Kongers can enjoy a

greener, more liveable city, with minimal

transport, healthy, low-carbon lifestyles.

pollution, readily available public

We can reach our target if government, corporations, and

You can play a part:

Demand and hold the Government and community leaders accountable for climate actions

Raise awareness about climate emergency

Adopt a low-carbon lifestyle

Business models should focus on green and just transition

ACTING NOW BY 2050..



HK\$460 BILLION

new wealth (0.3% of GDP) would be yielded



lives saved from cleaner

*** Projected reductions in air pollutants would increase life expectancy to the equivalent of about 26,000 lives