

Just +0.5°C of global warming is a BIG problem -

The world has grown warmer by 1°C since pre-industrial times.

The IPCC, a United Nations body, has warned of grave consequences if average global temperatures rise another 0.5°C. Our communities, lives and livelihoods will be severely threatened if the world fails to take decisive action in the next 10 years.



If Temperatures Rise Another 0.5°C ...

Mosquito-borne Diseases • •

at a greater risk

the incubation period for the

Warmer temperatures will reduce

dengue virus within Aedes aegypti

mosquitoes from 12 to 7 days,

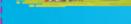
putting countries like Singapore

Coastal cities, small island nations and archipelagic states may face more climate-related disasters and possible existential threats.

Sea Level Rise • - - - - -Singapore's sea level rise is likely to be greater than the global average because of melting polar ice

--• Ice-free Arctic Over 50% chance of ice-free summers, leading to higher

sea levels



One billion people will suffer severe heatwaves once every 5 years, like what Europe Japan and India are already experiencing

of losing over half their habitats

Drought Exposure

350 million more

urban residents will

face severe drought,

and Africa recently

like in Australia

Coral Bleaching

Another 70-90% of coral reefs will perish and jeopardise food security

Species at Risk

of Habitat Loss

~ 6,000 of plants,

 \sim 1,200 of insects, and

~ **500** of vertebrates

will be most at risk



How can we change the way

we live, work and play for a

low-carbon future by 2030?

Source: The Intergovernmental Panel on Climate Change, IPCC Special Report on Global Warming of 1.5°C, October 2018.

The World Has Barely 10 Years to Prevent a Climate Catastrophe



in carbon emissions





electricity sources

Invest in a Sustainable Future

We look for opportunities to invest in companies that address global sustainability challenges.



Sustenir uses smart farming to grow strawberries and kale in Singapore



Neoen produces green electricity from its international solar, wind, and energy storage facilities



is a Singapore-based company developing novel cell therapies for cancer



Verily's Debug team is fighting the mosquito that spreads dengue in Singapore and around the world



Let's Do Our Part!

Let's act now, together to build an *abc World* of active and productive economies, beautiful and inclusive societies, and a clean, cool Earth.



Minimise food waste Use less disposables



Repair, trade or share items Repurpose containers



Separate recyclables Donate used appliances





Located within a conservation shophouse, Temasek Shophouse aims to bring together people in Singapore and beyond to champion social enterprises, sustainable models of philanthropy, and efforts to inspire giving and enable caring.



Improving

Mobility via

Exoskeletons (iMove)

Assessing the viability

and potential of using

robotic exoskeletons

for mobility rehabilitation

Scan for more information

enables and enriches lives

on how Temasek Foundation

Temasek Shophouse



MANDATE FOR

COMMUNITY INVESTMENT





Temasek Foundation seeks to strengthen resilience and uplift lives, families and communities, foster dialogue and enhance regional capabilities, and advance science and nature for a sustainable world

Singapore **Mental Health** Study

Supporting the **Institute of Mental** research project on mental health in Singapore



Green Materials

Using renewable sources to develop biodegradable alternatives to single-use plastics



SingHealth **Health Care Programme**

Providing training in maternal and child health for 250 healthcare professionals in Madhya Pradesh, India

TEMASEK FOUNDATION

Project

Silver Screen

Helping senior

citizens to get their

Touching over 900,000 lives in Singapore and across Asia



Marie Curie and Da Vinci Junior **Programmes**

Nurturing the next generation of young scientific minds in Singapore















