



# CLIMATE CHANGE : a wicked problem

{ə 'wɪkɪd 'prɒbləm}

(social planning) a problem that seems impossible to solve because of how it is interconnected to other problems.

DOCUMENTARIES / FACTUAL

HUMAN/SOCIAL INTEREST

## A Wicked Problem

The skies are bluer, carbon emissions are falling, and it appears we're giving the environment a much-needed break.

The thing is - have we really moved the needle on climate change, or is this just a comfortable illusion?

In this four-part series, we confront a global threat - climate change - with host Janil Puthuchery. He hits the ground to investigate what Singapore is doing to combat climate change. Are we too small to make a difference.

We use future tense when we talk about climate change, but it's already affecting communities all over the world. And the effects are not missed on us either. From plastics to electricity to food, he breaks down the little things that'd make up unique solutions for a unique nation. Solutions that we have to start on, NOW.

And in a final war cry, he rallies Singaporeans to fix it with personal responsibility.

**Host:** Janil Puthuchery

天空更蓝了，碳排放量正在下降，我们似乎正在给环境一个急需的休息。

问题是，我们是否真的在气候变化问题上动了针，或者这只是一个舒适的幻觉？

在这个由四部分组成的系列节目中，我们将与主持人Janil Puthuchery一起面对气候变化的全球威胁。他着手调查新加坡在应对气候变化方面所做的工作。我们国家是否太小了，不能有所作为。

我们在谈论气候变化时使用将来时态，但它已经影响到世界各地的社区。我们也不会忽视这些影响。从塑料到电力再到食品，他分解了一些小东西，这些小东西构成了一个独特国家的独特解决方案。我们必须从解决方案开始，就从现在开始！

在最后的战争呐喊中，他号召新加坡人以个人责任来解决这个问题。

**主持人:** Janil Puthuchery

**Language:** English

Episodes: 4 x 60 minutes  
Producer: Mediacorp Studios  
Distributor: Mediacorp

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### **EP1: Our Carbon Problem**

What should Singapore do in the face of a global existential threat?

Climate change requires unified worldwide action - so it can be difficult to picture the role of a small nation.

Janil Puthuchery, a politician, takes a look at the issue from the context of Singapore - exposing any blind spots and uncovering surprising truths on how vital Singapore can be to this global challenge.

Armed with insights from experts and scientific studies, he takes these insights to the ground with thought-provoking public stunts - all to challenge Singaporeans to reconsider the impact Singapore can really have.

### **EP2: Our Plastic Problem**

From cutlery, to disposable shopping bags, to packaging, plastic has become the superhero of modern life. Yet nearly all plastic is made from fossil fuels. From its manufacture, to its use and disposal, single-use plastic is a major contributor to global warming. In this episode, Dr Janil Puthuchery takes a deep dive into the problem, and finds out what Singaporeans, innovators, and businesses are doing to curb our plastic addiction.

### **EP3: Our Power Problem**

Energy-hungry yet space-starved, Singapore faces big obstacles in its quest for renewables. Can the city-state really keep its pledge to reduce carbon emissions?

On average, Singaporeans have higher carbon footprints than their counterparts in Beijing and Hong Kong. Power generation is responsible for almost 40% of the country's carbon emissions.

With electricity demand growing about 2-3% each year, the island nation has to contend with its twin ambitions of economic growth and climate change action.

To solve this wicked problem, Dr Janil Puthuchery learns more about the limitations of solar power, while also exploring the possibilities of hydrogen and nuclear. He also tries to rewire our wasteful energy habits, such as the use of air-conditioning. Game-changing technologies like carbon capture present another way out of the carbon conundrum. But the urgency of rising temperatures and sea levels could mean that the lion city is running out of time.

### **EP4: Our Food Problem**

Singapore is a land of incredible food, and we eat plenty of it. But the food we eat has an outsized carbon footprint that we can no longer ignore.

In this episode, Dr Janil Puthuchery makes surprising discoveries about which foods in Singapore are major contributors to climate change - spoiler alert, it's not just beef. He learns that beyond meat, certain plant-based foods can also cause the destruction of our forests and climate. So, can we eat our way out of this problem?

He speaks to those trying to produce and consume more sustainably to find out.