

# Caring for the environment together

We can start with small steps to contribute to a clean, green and sustainable Singapore

By Nur Syahidah Zainal  
SPH Content Lab

## Leading by example

**Mr Jagadish CV walks the talk when it comes to saving energy**

Guided by the strong vision of its Chief Executive Officer, Mr Jagadish CV, 61, Systems on Silicon Manufacturing Company (SSMC) is making strong headway in environmental sustainability in the semiconductor industry.

In an industry where there is high consumption of water and energy, SSMC has put in place measures to ensure it is as energy-efficient and sustainable as possible.

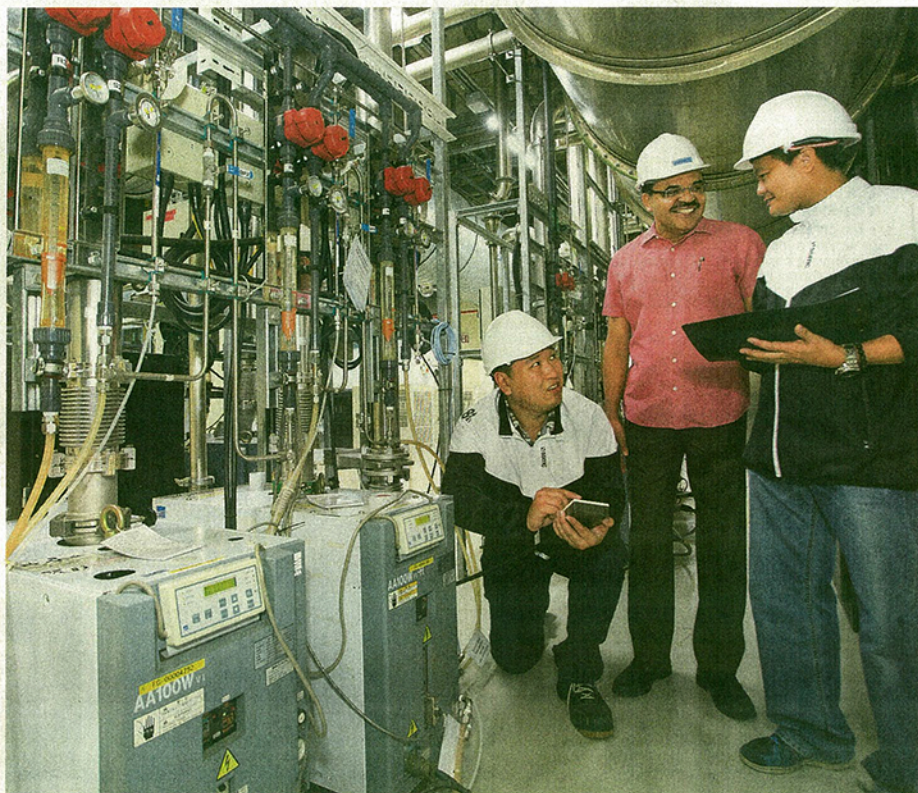
In 2006, Mr Jagadish set up a committee to promote awareness of environmental issues among the company's more than 1,600 staff, and ensured that they adhered to the set of sustainability practices put in place to reduce the company's environmental footprint.

Over the next decade, a slew of measures helped the company save more than 20 gigawatt-hours of electricity — enough to power approximately 4,200 four-room HDB flats for a year. Equipment such as pumps and chillers were upgraded to optimise energy usage.

To promote sustainability, the company introduced the use of non-hazardous chemicals in its manufacturing process — which also helps to reduce greenhouse gas emissions, and fluoride-related waste through its wastewater treatment.

Not satisfied with just fixing processes and machines, Mr Jagadish actively persuades colleagues to join him in his quest for energy savings beyond the workplace.

He encourages them to adopt energy-efficient practices such as using LED light bulbs at home, switching off appliances



Mr Jagadish and his colleagues ensuring that the equipment is working at optimal energy-efficient levels. PHOTOS: RAY CHUA KAR TZENG

at the power socket when not in use, and setting the air-conditioner temperature at 25°C or higher. He also encourages his colleagues to purchase energy-efficient home appliances and electronics that have more ticks on the Energy Label.

Mr Jagadish is heartened by his colleagues' commitment to care for the environment. Their actions, as well as the company's initiatives, play a role in Singapore's efforts to fight climate change.

"We should all strive to demonstrate a strong commitment to social responsibility by transforming the world into a better place, improving the lives we touch and preserving a clean, green and sustainable environment for our future generations," he says.

To that end, Mr Jagadish has become the driving force behind the company's corporate social responsibility efforts.

For example, since 2011, SSMC has been engaging schools in environment-

related activities.

These include educational visits to Semakau Landfill to document the flora and fauna, learning about mangroves in the Pasir Ris area, and beach clean-ups at Pasir Ris Beach.

Mr Jagadish says: "We are always seeking opportunities to inspire the next generation. Our outreach programmes give us a platform to work with the youth for a cleaner and more sustainable future."

## Take climate action today for a sustainable future

By the end of this century, Singapore may face the following effects of climate change:



Daily temperatures could rise by 1.4° C to 4.6° C



Wet months are likely to be wetter and dry months drier. More intense and frequent heavy rainfall are projected.



Mean sea levels could rise by up to 1 metre

## Here are some steps we can take to reduce our carbon footprint:



Switch off after use



Set air conditioner at 25°C