

APER Forum Extraordinary Meeting

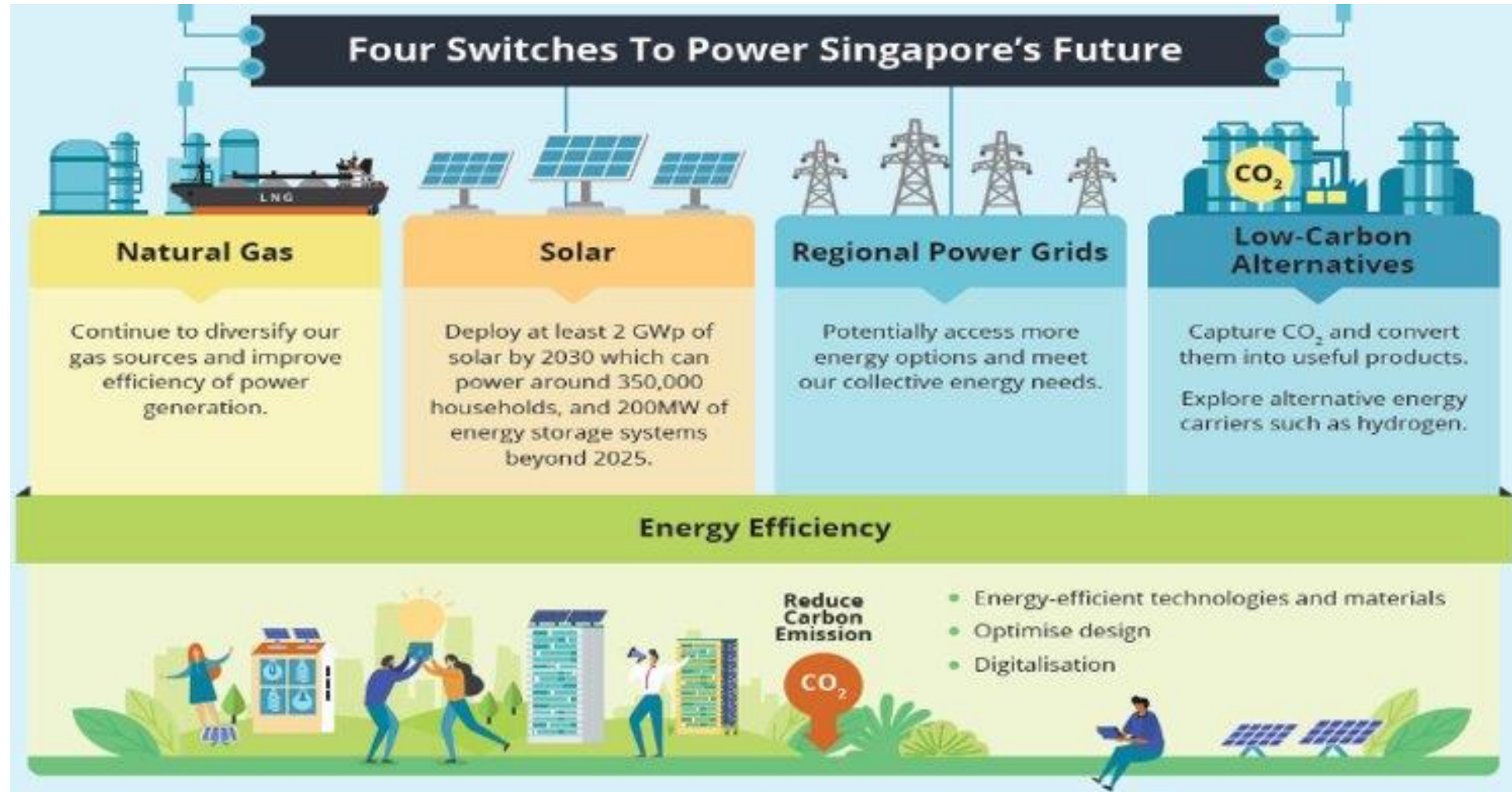
Session 2: Preparing for Future Disruptions

Mr Ngiam Shih Chun

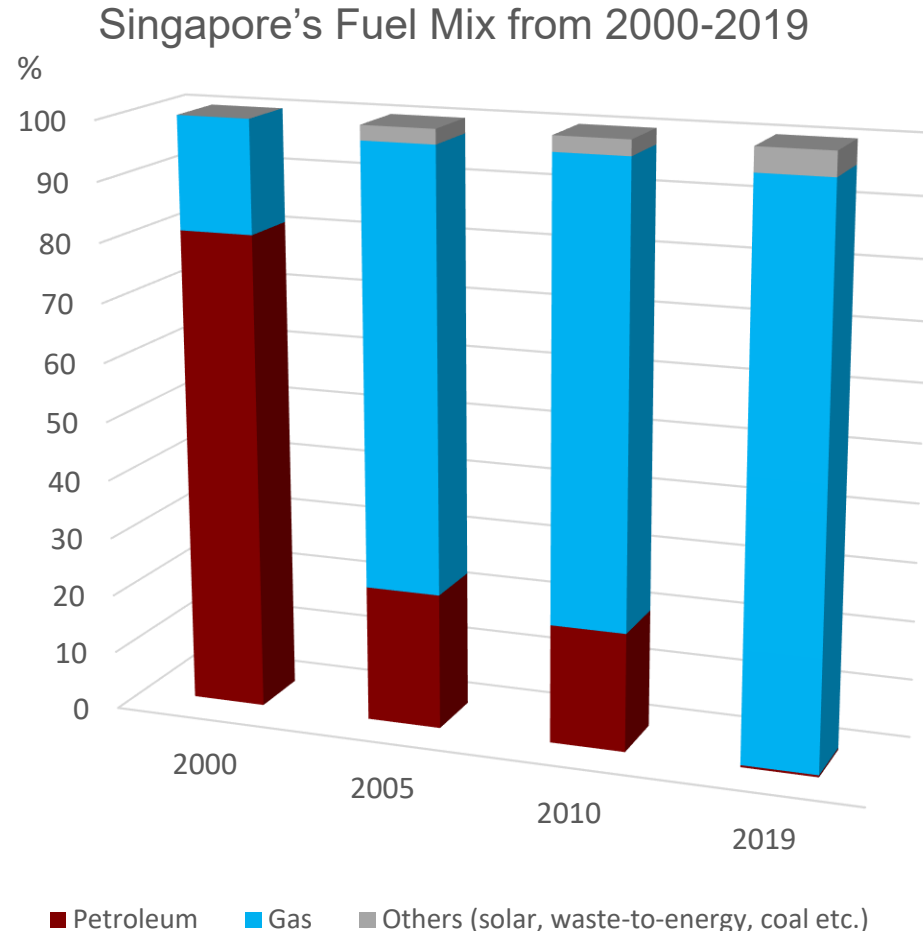
Chief Executive, Energy Market Authority, Singapore

14 August 2020

Despite the disruptions due to COVID-19, Singapore continues to pursue our Energy Story which sets out the key strategies towards a resilient, clean and secure energy future.



Singapore is seeking to diversify our fuel mix to increase resilience.



Today, about 95% of our electricity is generated using natural gas

Diversifying our gas sources through LNG, to increase the resilience of our supply

Seeking to diversify our fuel mix to reduce our reliance on any one specific fuel type

Pushing for more adoption of solar PV, our most viable option for renewable generation.

Aiming to tap on energy resources beyond our borders by tapping on regional power grids

In the longer-term, we are studying low-carbon alternatives to decarbonise Singapore beyond 2030.

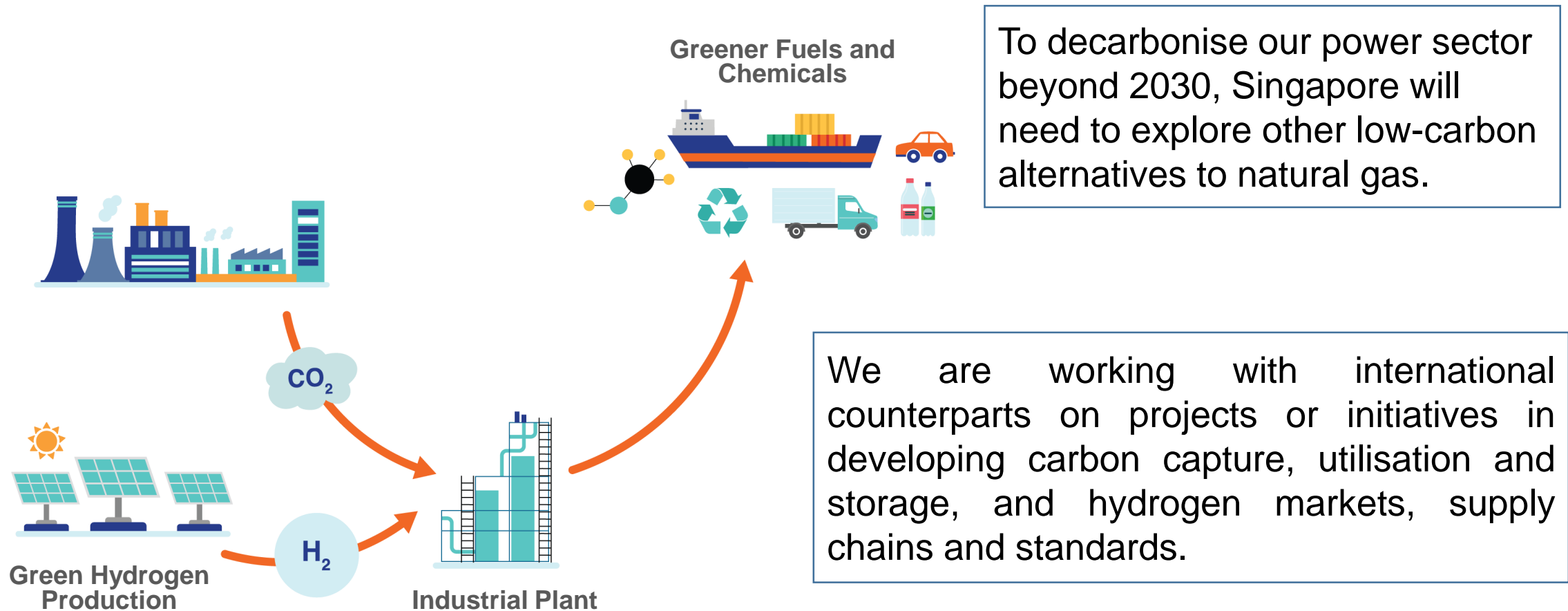


Photo credit: Carbon Recycling International

We also aim to tap on energy resources beyond our borders by tapping on regional power grids.



Singapore is constrained by what we are able to import for power generation.

By tapping into regional power grids, Singapore is able to tap into alternative resources and supplies beyond our borders.

We are working closely with our regional partners and neighbouring countries to import electricity by 2021.

For illustrative purposes

Strengthening System Reliability and Resiliency is a critical priority for us.

R&D – Continue to invest in R&D to enhance electricity transmission/distribution planning, maintenance/monitoring, asset renewal

Digitalisation – developing digital twins and online monitoring systems

Cybersecurity – continue to strengthen systems against possible threats

Thank you